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Division of Environmental Remediation
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Groundwater Monitoring Summary Report

Site #907022 – Al-Tech Specialty Steel Corporation
Willowbrook Avenue
Dunkirk, New York

November 6, 2019

Version 1.0





Groundwater Monitoring Summary Report

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Corporation
Willowbrook Avenue, Dunkirk, New York

Prepared for:
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Conservation
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Date:
November 6, 2019

A handwritten signature in black ink, appearing to read 'J M Thomas', is positioned above a horizontal line.

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Christina Andreotto
2019.11.06 06:33:41
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Christina Andreotto, PG
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Acronyms

DUP	Sample duplicate
DUSR	Quality Assessment Data Usability Summary Report
fmsl	Feet above mean sea level
fbtoc	Feet below top-of-casing
GES	Groundwater & Environmental Services, Inc.
GMSR	Groundwater Monitoring Summary Report
GPS	Global positioning system
HDPE	High density polyethylene
MPS	Multi probe system
MS	Matrix spike
MSD	Matrix spike duplicate
ND	Non-detect
NYSDEC	New York State Department of Environmental Conservation
PCB	Polychlorinated biphenyl
PFAS	Perfluoroalkyl and polyfluoroalkyl substance(s)
PPE	Personal protective equipment
SVOC	Semi-volatile organic compound
TCA	1,1,1-Trichloroethane
TestAmerica	TestAmerica Laboratories, Inc.
TOGS 1.1.1 WQS	<i>Technical and Operation Guidance Series 1.1.1 Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations</i> , amended April 2000
USEPA	United States Environmental Protection Agency
VOC	Volatile organic compound

1 Introduction

Groundwater and Environmental Services, Inc. (GES) has prepared this *Groundwater Monitoring Summary Report* (GMSR) to summarize the groundwater gauging and sampling activities conducted at Site #907022 – Al-Tech Specialty Steel Corporation (the “Site”) between June 6, 2019 and June 14, 2019. Sampling activities were completed to analyze groundwater throughout the Site for the presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) including organochlorine pesticides, polychlorinated biphenyls (PCBs), and metals. Additionally, groundwater samples from pre-selected locations were analyzed for the presence of emerging contaminants including perfluoroalkyl and polyfluoroalkyl substances (PFAS) and 1,4-Dioxane. A special groundwater sampling protocol was implemented and adhered to by field staff at all times during the sampling event in order to collect groundwater samples suitable for subsequent analysis of PFAS.

Quarterly sampling of the Lucas Avenue well network is summarized in the *2Q2019 Lucas Avenue Groundwater Monitoring Summary Report*(GMSR), dated November 5, 2019.

2 Site Location

The Site is a part of New York State Department of Environmental Conservation (NYSDEC) State Superfund Program and referred to as Site #907022. The Site is located at the intersection of Willowbrook Avenue and Brigham Road between Willowbrook Avenue and West Lucas Avenue in Dunkirk, New York as shown in the Site Location Map (**Figure 1**) and Site Map (**Figure 2**). The area surrounding the Site consists of residential and commercial properties as well as a school.

2.1 Emerging Contaminants: PFAS and 1,4-Dioxane

Chemicals used in consumer products are introduced to the environment through various sources such as municipal wastewater treatment plants, runoff from agricultural and urban land surfaces, and septic systems. This type of contamination is referred to as an emerging contaminant since the contamination is not introduced during the production of the product but rather through consumer use.

NYSDEC has identified PFAS and 1,4-Dioxane as emerging contaminants. PFAS are a group of chemicals used to make fluoropolymer coatings and products that resist heat, oil, stains, grease, and water. Fluoropolymer coatings are blends of resins and lubricants used in products such as water-repellent clothing, furniture, adhesives, paint and varnish, food packaging, heat-resistant non-stick cooking surfaces and insulation of electric wires. 1,4-Dioxane is a synthetic industrial chemical that was most commonly used as a stabilizer for chlorinated solvents, particularly 1,1,1-Trichloroethane (TCA). Additionally, 1,4-Dioxane has been identified as a by-product found in consumer products such as deodorants, shampoos, and cosmetics.

3 Groundwater Monitoring Activities

3.1 Groundwater Gauging

Prior to sampling, depth to groundwater data was collected from fifty-five (55) monitoring wells (B-1, BFS-1, BFS-2, BR-2 through BR-4, LAE-4, MW-6 through MW-8, RFI-01, RFI-02, RFI-04, RFI-05A, RFI-06, RFI-08A, RFI-09 through RFI-12, RFI-16 through RFI-19, RFI-22 through RFI-31, RFI-34 through RFI-36, TW-5A, TW-6 through TW-9, TW-12 through TW-15, WP-4, WP-5, WP-7, WP-8, WT-1A, WT-1B, and WT-2 through WT-4) using an electronic sonic oil/water interface probe. Adjusted groundwater elevations were determined utilizing the May and June 2018 depth to water measurements and historic top of riser survey elevations provided in Table 1 of the *Groundwater Monitoring Summary Report* (Benchmark Environmental Engineering & Science, PLLC, October 5, 2011). Historic top of riser elevations were reported in feet above mean sea level (fmsl). Adjusted groundwater elevations collected at the Site between June 6, 2019 and June 14, 2019 ranged from 0.25 feet below top of casing (fbtoc) at MW-6 to 15.90 fbtoc at RFI-34. Groundwater at the Site generally flows toward the northwest. Groundwater gauging measurements and groundwater elevations are provided in **Table 1**. A summary of the groundwater elevation data is depicted on the Groundwater Monitoring Map provided as **Figure 3**.

3.2 Groundwater Sampling

GES personnel performed groundwater sampling from June 6, 2019 through June 14, 2019, following United States Environmental Protection Agency's (USEPA) *Low-Flow Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells* (Revised January 19, 2010).

Groundwater samples were collected from fifty-five (55) monitoring wells (B-1, BFS-1, BFS-2, BR-2 through BR-4, LAE-4, MW-6 through MW-8, RFI-01, RFI-02, RFI-04, RFI-05A, RFI-06, RFI-08A, RFI-09 through RFI-12, RFI-16 through RFI-19, RFI-22 through RFI-31, RFI-34 through RFI-36, TW-5A, TW-6 through TW-9, TW-12 through TW-15, WP-4, WP-5, WP-7, WP-8, WT-1A, WT-1B, and WT-2 through WT-4) for analysis of a variety of analytes including VOCs, SVOCs, organochlorine pesticides, PCBs, and metals. Additionally, two (2) monitoring wells were analyzed for PFAS (MW-7 and RFI-25), one (1) monitoring well was analyzed for 1,4-Dioxane (RFI-29), ten (10) monitoring wells were analyzed for hexavalent chromium (CrVI) (MW-6, RFI-08A, TW-6, TW-7, TW-8, TW-9, TW-12, TW-13, TW-14, and TW-15). Each low-flow sampling set-up included a Horiba U-52 series multi-meter with flow through cell attachment to monitor groundwater quality stability prior to sampling. To conduct low-flow sampling, a peristaltic pump was utilized at each monitoring well. High density polyethylene (HDPE) tubing was inserted into the well to recover groundwater and silicon tubing was utilized at the pump and flow through cell interface.

Due to potential sources of cross-contamination by equipment, materials, and consumer products during sampling, a groundwater sampling protocol was implemented and adhered to by field staff during the sampling of MW-7, RFI-25, and RFI-29 in order to collect groundwater samples suitable for analysis of 1,4-Dioxane and PFAS. The sampling team wore personal protective equipment

(PPE), field clothing, and personal hygiene products that would not contaminate the samples. The sampling team wore field clothing that was well laundered and made of cotton. No cosmetics, moisturizers, hand cream, sunscreen, insect repellent, or related products were applied to the sampling team throughout the sampling event.

Powder-free nitrile gloves were worn at all times during the sampling event and changed frequently. Alconox was used to decontaminate equipment before and after sampling at each monitoring well.

Recovered groundwater was stored in laboratory-supplied bottleware with a dedicated cooler for only PFAS and 1,4-Dioxane samples. Upon completion of sampling activities, the coolers were delivered to TestAmerica Laboratories (TestAmerica) facility located in Amherst, New York for analysis of VOCs, SVOCs, organochlorine pesticides, PCBs, and metal. Coolers were then shipped to the TestAmerica facility located in South Burlington, Vermont for analysis of PFAS.

3.3 Laboratory Sample Analysis: Quality Assurance/Quality Control

TestAmerica in Amherst, New York and South Burlington, Vermont analyzed the groundwater samples collected at the Site. TestAmerica provided full category B deliverables with laboratory analytical data and are included as **Appendix A**. Additionally, a Quality Assessment Data Usability Summary Report (DUSR) was performed by RemVer of Colchester, Connecticut and is included as **Appendix B**. RemVer found all results included in the laboratory analytical reports to be acceptable for use.

Care was taken during all aspects of the sample collection to ensure that high quality data was obtained. Duplicate (DUP) samples, matrix spike, and matrix spike duplicate (MS/MSD) samples were collected for every twenty (20) field samples and submitted for analysis to assure quality of both the sample collection procedure and the laboratory preparation/analytical method. All samples were submitted to TestAmerica under proper chain of custody.

4 Analytical Results

The laboratory analytical data is summarized in **Table 1** through **Table 7**. Detected analytical concentrations were compared to NYSDEC Technical and Operation Guidance Series 1.1.1 *Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations*, amended April 2000 (TOGS 1.1.1 WQS). The groundwater monitoring maps which plot groundwater concentrations of select analytes across the Site are included as **Figure 4** through **Figure 8**. The following is a summary of the laboratory analytical results:

4.1 Volatile Organic Compounds

Based on the laboratory analytical results, groundwater in nine (9) monitoring wells (BR-2, LAE-4, MW-7, RFI-16, RFI-26, RFI-31, RFI-34, WP-4, and WT-2) was found to contain concentrations of VOCs that exceed the TOGS 1.1.1 WQS. Benzene, cis-1,2-dichloroethene, methylene chloride, trans-1,2-dichloroethene, trichloroethene, and vinyl chloride exceeded TOGS 1.1.1 WQS in one

(1) or more of the monitoring well samples listed above. Groundwater analytical data for VOCs are summarized in **Table 2**. Exceedances are shown on **Figure 4**.

4.2 Semi-Volatile Organic Compounds

Based on the laboratory analytical results, groundwater in one (1) monitoring well (MW-8) was found to contain concentrations of SVOCs that exceed the TOGS 1.1.1 WQS. Pentachlorophenol exceeded TOGS 1.1.1 WQS in monitoring well MW-8. Groundwater analytical data for SVOCs are summarized in **Table 3**. Exceedances are shown on **Figure 5**.

4.3 Organochlorine Pesticides

Based on the laboratory analytical results, groundwater in one (1) monitoring well (WT-1A) was found to contain concentrations of organochlorine pesticides that exceed the TOGS 1.1.1 WQS. Alpha-BHC and Dieldrin exceeded TOGS 1.1.1 WQS in monitoring well WT-1A. Groundwater analytical data for organochlorine pesticides are summarized in **Table 4**. Exceedances are shown on **Figure 6**.

4.4 Polychlorinated Biphenyls

Based on the laboratory analytical results, groundwater in all sampled monitoring wells was below TOGS 1.1.1 WQS. Groundwater analytical data for PCBs are summarized in **Table 5**.

4.5 Metals

Based on the laboratory analytical results, groundwater in fifty two (52) monitoring wells (B-1, BFS-1, BFS-2, BR-2 through BR-4, LAE-4, MW-6 through MW-8, RFI-01, RFI-02, RFI-04, RFI-05A, RFI-06, RFI-08A, RFI-09 through RFI-11, RFI-16 through RFI-19, RFI-22 through RFI-31, RFI-34 through RFI-36, TW-5A, TW-6 through TW-9, TW-12 through TW-15, WP-4, WP-5, WP-7, WP-8, WT-1A, WT-3, and WT-4) were found to contain concentrations of metals that exceed the TOGS 1.1.1 WQS. Barium, Cadmium, Chromium, Iron, Lead, Magnesium, Manganese, and Nickel exceeded TOGS 1.1.1 WQS in one (1) or more of the monitoring well samples listed above. Groundwater analytical data for metals are summarized in **Table 6**. Exceedances are shown on **Figure 7**.

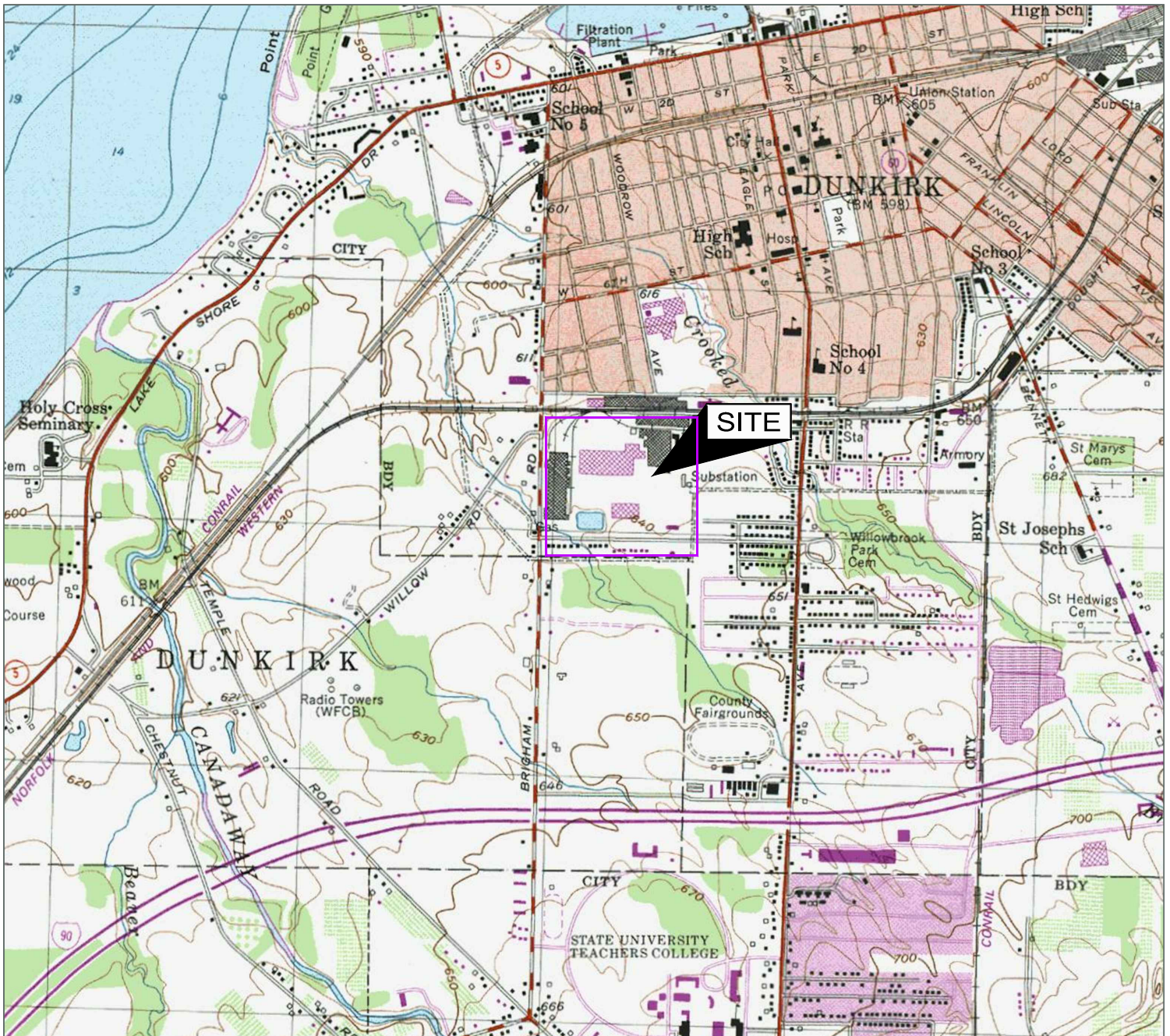
4.6 Perfluoroalkyl & Polyfluoroalkyl Substances and 1,4-Dioxane

Based on the laboratory analytical results, PFAS were detected in groundwater samples collected from both of the two (2) pre-selected monitoring wells (MW-7 and RFI-25). 1, 4-Dioxane was not detected in the one (1) monitoring well (RFI-29) that it was sampled. Groundwater analytical data for PFAS are summarized in **Table 7**. Groundwater detections for PFAS are shown on **Figure 8**. Groundwater analytical data for 1,4-Dioxane are summarized in **Table 3**.

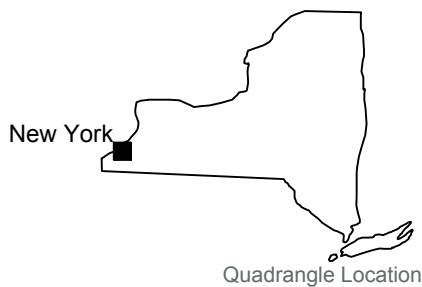
5 Conclusions

GES conducted groundwater monitoring activities at the Site between June 6, 2019 and June 14, 2019. Sampling activities were completed to analyze groundwater at fifty-five (55) monitoring wells throughout the Site for the presence of VOCs, SVOCs, organochlorine pesticides, PCBs, and metals. Additionally, groundwater samples from pre-selected locations were also analyzed for emerging contaminants including PFAS and 1, 4-Dioxane. Based on the findings of the June 2019 groundwater monitoring event, groundwater beneath the Site contains VOCs, SVOCs, organochlorine pesticides, and metals at concentrations that exceed the TOGS 1.1.1 WQS. Groundwater beneath the Site does not contain PCBs at concentrations that exceed the TOGS 1.1.1 WQS. PFAS were detected in groundwater at both wells sampled. 1,4-Dioxane was not detected in groundwater at the one (1) well sampled.

Figures



Source:
USGS 7.5 Minute Series
Topographic Quadrangle, 1979
Dunkirk, New York
Contour Interval = 10'



Site Location Map

NYSDEC
Former AI Tech Specialty Steel Corp
Willowbrook Pond Operable Unit
Dunkirk, New York

Drawn
W.G.S.
Designed
Approved

Date
4/25/19
Figure
1



Scale In Feet

0 2000



Groundwater & Environmental Services, Inc.

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LEGEND

- MONITORING WELL
- UNDERGROUND GAS LINE
- GROUNDWATER ELEVATION (ftmsl)
(636.41)
- GROUNDWATER CONTOUR
(ftmsl)
- FEET ABOVE MEAN SEA LEVEL

GROUNDWATER MONITORING MAP
JUNE 2019

NYSDEC
Former Al Tech Specialty Steel Corp
Willowbrook Pond Operable Unit
Dunkirk, New York

Drawn
W.G.S.
Designed
Approved



Scale In Feet
0 250



Date
11/5/19
Figure
3

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LEGEND

MONITORING WELL

TOGS 1.1.1 WATER QUALITY STANDARDS

PENTACHLOROPHENOL	2

NOTES:
ALL ANALYTICAL RESULTS ARE IN MICROGRAMS PER LITER (ug/L).
DATA SHOWN IS FOR EXCEEDANCES ONLY.

GROUNDWATER ANALYTICAL DATA
SEMI-VOLATILE ORGANIC COMPOUNDS
JUNE 2019

NYSDEC
Former Al Tech Specialty Steel Corp
Willowbrook Pond Operable Unit
Dunkirk, New York

Drawn
W.G.S.
Designed
Approved

Scale In Feet
0 250

Groundwater & Environmental Services, Inc.

Date
10/31/19
Figure
5

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LEGEND

- MONITORING WELL
- J ESTIMATED CONCENTRATION

TOGS 1.1.1 WATER QUALITY STANDARDS

ALPHA-BHC	0.01
DIELDRIN	0.004
DELTA-BHC	0.004

NOTES:

ALL ANALYTICAL RESULTS ARE IN MICROGRAMS PER LITER (ug/L).

DATA SHOWN IS FOR EXCEEDANCES ONLY.

GROUNDWATER ANALYTICAL DATA
ORGANCHLORINE PESTICIDES
JUNE 2019

NYSDEC
Former Al Tech Specialty Steel Corp
Willowbrook Pond Operable Unit
Dunkirk, New York

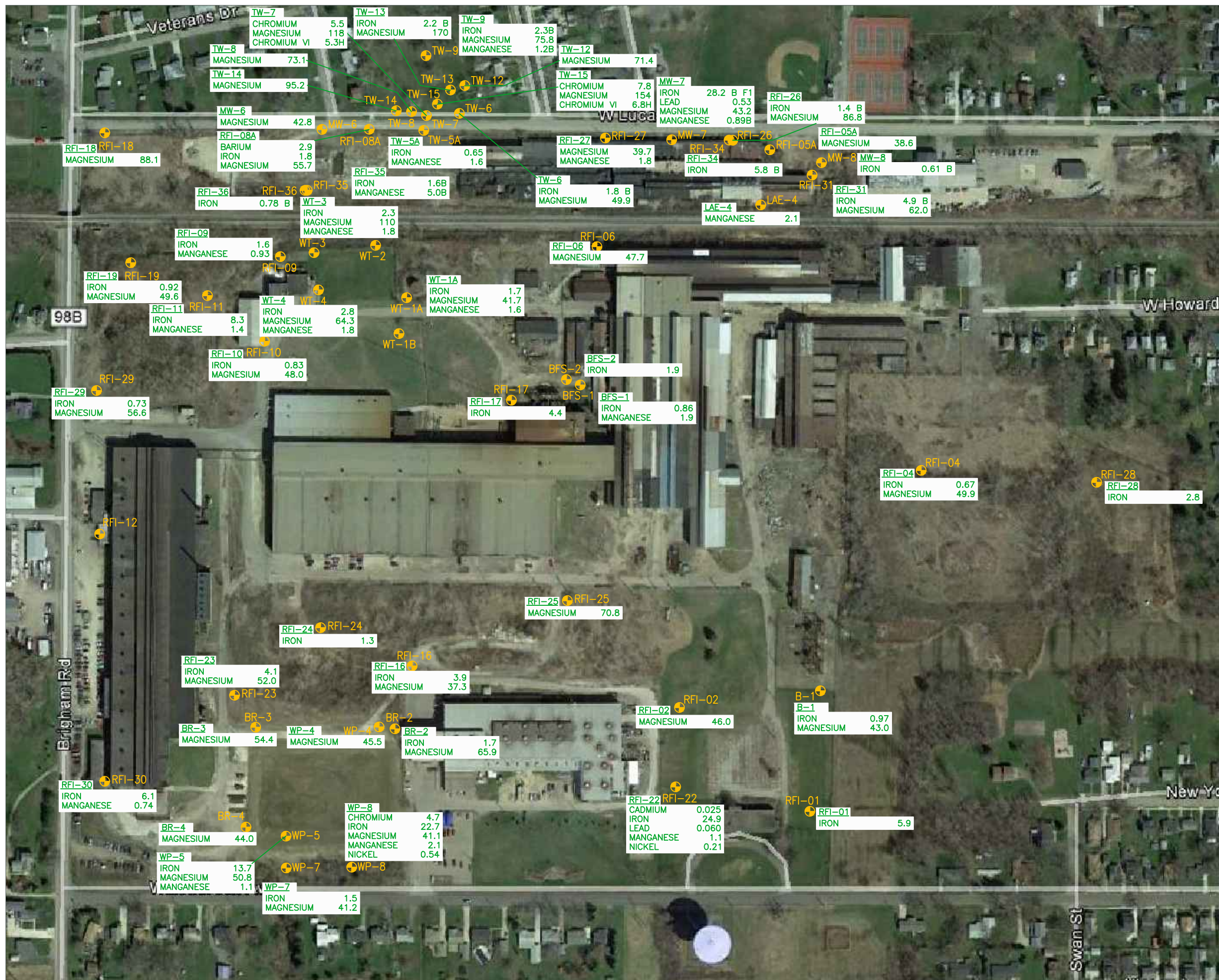
Drawn
W.G.S.
Designed
Approved



Scale In Feet
0 250



Date
11/5/19
Figure
6



LEGEND

🟡	MONITORING WELL
F1	MS AND OR MSD RECOVERY OUTSIDE ACCEPTANCE LIMITS
B	FOUND IN BLANK AND SAMPLE
H	SAMPLE PREPPED OR ANALYZED BEYOND SPECIFIED HOLDING TIME

TOGS 1.1.1 WATER QUALITY STANDARDS

BARIUM	2.00
CADMIUM	0.01
CHROMIUM	1.00
IRON	0.60
LEAD	0.050
MAGNESIUM	35.0
MANGANESE	0.60
NICKEL	0.20
CHROMIUM VI	0.10

NOTES:

ALL ANALYTICAL RESULTS ARE IN MILLIGRAMS PER LITER (mg/L).

DATA SHOWN IS FOR EXCEEDANCES ONLY.

GROUNDWATER ANALYTICAL DATA
METALS
JUNE 2019

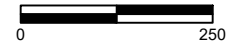
NYSDEC
Former Al Tech Specialty Steel Corp
Willowbrook Pond Operable Unit
Dunkirk, New York

Drawn
W.G.S.
Designed
Approved



Date
1/5/19
Figure
7

Scale In Feet



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LEGEND

- MONITORING WELL
- J ESTIMATED CONCENTRATION
- F1 MS AND OR MSD RECOVERY OUTSIDE ACCEPTANCE LIMITS
- F2 MS AND OR MSD RELATIVE PERCENT DIFFERENCE EXCEEDS CONTROL LIMITS
- * LCS OR LCSD OUTSIDE ACCEPTANCE LIMITS

1005.14.1 WATER QUALITY STANDARDS

PFDA & PFOS IN DRINKING WATER 0.020
PFDA & PFOS IN GROUNDWATER 0.070

NOTES:

ALL ANALYTICAL RESULTS ARE IN NANOGRAMS PER LITER (ug/L).
DATA SHOWN IS FOR ALL DETECTIONS.

GROUNDWATER ANALYTICAL DATA
PFAs
JUNE 2019

NYSDEC
Former Al Tech Specialty Steel Corp
Willowbrook Pond Operable Unit
Dunkirk, New York

Drawn
W.G.S.
Designed
Approved



Date
11/5/19
Figure
8

Scale In Feet
0 250



Tables



Table 1
Groundwater Monitoring Data

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	Depth to Product (ft)	Adjusted GW Elevation (ft)	Longitude (deg)	Latitude (deg)
Lucas Avenue							
RFI-05A	06/01/2018	NSD	7.32	NP	NA	-79.339339072	42.474331855
	06/06/2019	NSD	6.75	NP	NA		
RFI-08A	06/04/2018	NSD	1.86	NP	NA	-79.343230961	42.474453545
	06/10/2019	NSD	5.04	NP	NA		
RFI-18	06/04/2018	621.52	15.92	NP	605.60	-79.345798840	42.474411491
	06/10/2019	621.52	15.86	NP	605.66		
RFI-26	06/01/2018	631.07	8.42	NP	622.65	-79.339699950	42.474398310
	06/06/2019	631.07	8.93	NP	622.14		
RFI-27	06/04/2018	633.68	9.48	NP	624.20	-79.340936675	42.474406397
	06/10/2019	633.68	9.61	NP	624.07		
RFI-31	06/13/2018	631.72	7.54	NP	624.18	NA	NA
	06/06/2019	631.72	7.68	NP	624.04		
RFI-34	06/01/2018	NSD	9.59	NP	NA	-79.339736090	42.474399532
	06/06/2019	NSD	15.90	NP	NA		
RFI-35	06/04/2018	NSD	9.58	NP	NA	-79.343827852	42.474011186
	06/06/2019	NSD	9.55	NP	NA		
RFI-36	06/04/2018	NSD	9.11	NP	NA	-79.343850008	42.474010881
	06/06/2019	NSD	8.87	NP	NA		
MW-6	06/04/2018	NSD	0.25	NP	NA	-79.343690541	42.474450261
	06/10/2019	NSD	0.25	NP	NA		
MW-7	06/01/2018	NSD	7.95	NP	NA	-79.340292779	42.474398019
	06/06/2019	NSD	8.00	NP	NA		
MW-8	05/31/2018	NSD	5.21	NP	NA	-79.338836717	42.474243242
	06/06/2019	NSD	5.29	NP	NA		
LAE-4	05/31/2018	632.28	4.00	NP	628.28	-79.339422691	42.473934933
	06/10/2019	632.28	4.00	NP	628.28		
TW-5A	06/04/2018	NSD	1.65	NP	NA	-79.342700714	42.474449160
	06/10/2019	NSD	1.56	NP	NA		
TW-6	05/31/2018	NSD	2.22	NP	NA	-79.342357359	42.474573845
	06/07/2019	NSD	1.71	NP	NA		
TW-7	05/31/2018	NSD	2.75	NP	NA	NA	NA
	06/07/2019	NSD	2.72	NP	NA		
TW-8	05/31/2018	NSD	2.94	NP	NA	-79.342822424	42.474583470
	06/07/2019	NSD	2.48	NP	NA		
TW-9	05/30/2018	NSD	3.33	NP	NA	-79.342685584	42.474986496
	06/07/2019	NSD	2.15	NP	NA		
TW-12	05/30/2018	NSD	3.40	NP	NA	-79.342306736	42.474773914
	06/07/2019	NSD	2.88	NP	NA		
TW-13	05/30/2018	NSD	3.85	NP	NA	-79.342445259	42.474741125
	06/07/2019	NSD	4.26	NP	NA		
TW-14	05/31/2018	NSD	3.17	NP	NA	-79.342969828	42.474588953
	06/07/2019	NSD	2.65	NP	NA		
TW-15	05/31/2018	630.54	2.79	NP	627.75	-79.342571158	42.474638916
	06/07/2019	630.54	3.82	NP	626.72		



Table 1
Groundwater Monitoring Data

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	Depth to Product (ft)	Adjusted GW Elevation (ft)	Longitude (deg)	Latitude (deg)
North							
RFI-06	05/31/2018	633.87	6.60	NP	627.27	-79.341008928	42.473625284
	06/13/2019	633.87	9.00	NP	624.87		
RFI-09	05/30/2018	632.22	5.03	NP	627.19	-79.344082698	42.473532707
	06/12/2019	632.22	4.72	NP	627.50		
RFI-10	06/01/2018	632.16	3.34	NP	628.82	-79.344229344	42.472923595
	06/13/2019	632.16	2.99	NP	629.17		
RFI-17	05/31/2018	637.39	6.13	NP	631.26	-79.341826370	42.472515484
	06/13/2019	637.39	6.85	NP	630.54		
BFS-1	05/31/2018	NSD	3.97	NP	NA	-79.341159890	42.472629277
	06/12/2019	NSD	4.32	NP	NA		
BFS-2	05/31/2018	NSD	3.70	NP	NA	-79.341293957	42.472667222
	06/12/2019	NSD	3.75	NP	NA		
WT-1A	05/30/2018	635.62	5.59	NP	630.03	-79.342853685	42.473245109
	06/11/2019	635.62	5.65	NP	629.97		
WT-1B	05/30/2018	634.60	4.32	NP	630.28	NA	NA
	06/11/2019	634.60	3.48	NP	631.12		
WT-2	05/31/2018	632.35	3.45	NP	628.90	-79.343159072	42.473619778
	06/11/2019	632.35	3.47	NP	628.88		
WT-3	05/30/2018	631.35	3.61	NP	627.74	-79.343756375	42.473563738
	06/11/2019	631.35	3.47	NP	627.88		
WT-4	05/30/2018	630.18	2.23	NP	627.95	-79.343710476	42.473296043
	06/11/2019	630.18	2.04	NP	628.14		
West							
RFI-11	06/05/2018	632.65	5.93	NP	626.72	-79.344787864	42.473248050
	06/10/2019	632.65	5.56	NP	627.09		
RFI-12	06/13/2018	630.30	9.35	NP	620.95	-79.345813828	42.471527089
	06/14/2019	630.30	4.73	NP	625.57		
RFI-19	06/13/2018	629.79	8.93	NP	620.86	-79.345535216	42.473478875
	06/11/2019	629.79	8.65	NP	621.14		
RFI-29	06/05/2018	630.20	9.24	NP	620.96	-79.345857375	42.472557572
	06/10/2019	630.20	9.21	NP	620.99		
Willowbrook Pond							
RFI-16	06/04/2018	641.13	6.77	NP	634.36	-79.342767223	42.470598702
	06/12/2019	641.13	6.54	NP	634.59		
RFI-23	06/04/2018	634.09	8.31	NP	625.78	-79.344489803	42.470375992
	06/11/2019	634.09	8.36	NP	625.73		
RFI-24	06/04/2018	638.15	8.25	NP	629.90	-79.343660178	42.470867391
	06/12/2019	638.15	8.23	NP	629.92		
RFI-30	06/12/2018	626.52	8.69	NP	617.83	-79.343245366	42.471113091
	06/14/2019	626.52	7.82	NP	618.70		
BR-2 (MW-4)	06/04/2018	NSD	8.99	NP	NA	-79.342581666	42.471506210
	06/11/2019	NSD	9.05	NP	NA		
BR-4 (MW-5)	06/12/2018	NSD	9.26	NP	NA	-79.341917966	42.471899329
	06/12/2019	NSD	8.75	NP	NA		



Table 1
Groundwater Monitoring Data

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	Depth to Product (ft)	Adjusted GW Elevation (ft)	Longitude (deg)	Latitude (deg)
Willowbrook Pond (continued)							
BR-3 (WP-3A)	06/04/2018	NSD	7.02	NP	NA	-79.344281290	42.470147471
	06/11/2019	NSD	7.00	NP	NA		
WP-4	06/04/2018	641.90	8.32	NP	633.58	-79.343083435	42.470157849
	06/11/2019	641.90	7.90	NP	634.00		
WP-5	06/12/2018	635.69	10.86	NP	624.83	-79.343977934	42.469367235
	06/12/2019	635.69	4.69	NP	631.00		
WP-7	06/12/2018	635.11	10.52	NP	624.59	-79.343972652	42.469137513
	06/12/2019	635.11	10.40	NP	624.71		
WP-8	06/12/2018	638.75	12.50	NP	626.25	-79.343337567	42.469148029
	06/12/2019	638.75	12.31	NP	626.44		
South							
B-1	06/01/2018	638.54	3.20	NP	635.34	-79.338802127	42.470446213
	06/14/2019	638.54	2.81	NP	635.73		
RFI-01	06/01/2018	640.72	9.67	NP	631.05	-79.338893521	42.469578523
	06/14/2019	640.72	9.35	NP	631.37		
RFI-02	06/04/2018	638.54	7.15	NP	631.39	-79.340167888	42.470317152
	06/13/2019	638.54	6.56	NP	631.98		
RFI-22	06/01/2018	641.04	12.28	NP	628.76	-79.340198635	42.469746029
	06/13/2019	641.04	11.95	NP	629.09		
RFI-25	06/01/2018	641.06	5.47	NP	635.59	-79.341266174	42.471077712
	06/13/2019	641.06	4.65	NP	636.41		
East							
RFI-04	06/13/2018	638.48	6.34	NP	632.14	-79.337842099	42.472036648
	06/14/2019	638.48	4.80	NP	633.68		
RFI-28	06/13/2018	637.96	5.48	NP	632.48	-79.336136511	42.471962157
	06/14/2019	637.96	4.26	NP	633.70		

Notes:

deg = degrees
 ft = feet
 GW = Groundwater
 DRY = No water for sampling
 NA = Not Applicable
 NP = No Product
 NSD = No Survey Data



Table 2

Groundwater Analytical Data Summary: Volatile Organic Compounds

Sample Location		B-1	BFS-1	BFS-2	BR-2 (Formerly MW-4)	BR-3 (Formerly WP-3A)	BR-4 (Formerly MW-5)	LAE-4	MW-6	MW-7	MW-8	RFI-01	RFI-02	RFI-04	RFI-05A
Sample Date		6/14/2019	6/12/2019	6/12/2019	6/11/2019	6/11/2019	6/12/2019	6/10/2019	6/10/2019	6/6/2019	6/7/2019	6/14/2019	6/13/2019	6/14/2019	6/6/2019
Analytes (Method 8260C)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)													
1,1,1-Trichloroethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1,2,2-Tetrachloroethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1,2-Trichloroethane	1	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1-Dichloroethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1-Dichloroethene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2,4-Trichlorobenzene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dibromo-3-chloropropane	0.04	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U F2	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dichlorobenzene	3	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dichloroethane	0.6	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dichloropropane	1	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,3-Dichlorobenzene	3	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,4-Dichlorobenzene	3	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
2-Butanone (MEK)	50	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 2000 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
2-Hexanone	50	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 1000 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
4-Methyl-2-pentanone (MIBK)	-	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 1000 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Acetone	50	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 2000 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
Benzene	1	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Bromodichloromethane	50	ND < 1.0 U*	ND < 1.0 U*	ND < 1.0 U*	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U*	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U*	ND < 1.0 U*	ND < 1.0 U*	ND < 1.0 U
Bromoform	50	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Bromomethane	50	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Carbon Disulfide	60	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Carbon tetrachloride	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Chlorobenzene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Dibromochloromethane	50	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Chloroethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Chloroform	7	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Chloromethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
cis-1,2-Dichloroethene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	20	ND < 1.0 U	ND < 1.0 U	1,100	ND < 1.0 U	5.8 F1 F2	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
cis-1,3-Dichloropropene	0.4	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Cyclohexane	-	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	0.93 J	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Dichlorodifluoromethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Ethylbenzene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dibromoethane	0.0006	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Isopropylbenzene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Methyl acetate	-	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 500 U	ND < 2.5 U	ND < 2.5 U F1	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U
Methyl tert-butyl ether	10	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Methylcyclohexane	-	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	1.9	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Methylene chloride	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	93 J	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Styrene	50	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Tetrachloroethene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Toluene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
trans-1,2-Dichloroethene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	1.2	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
trans-1,3-Dichloropropene	0.4	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Trichloroethene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	4,700	ND < 1.0 U	4.4	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Trichlorofluoromethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Vinyl Chloride	2	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 200 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Xylenes, Total	5	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 400 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
µg/L = micrograms per liter
U = Analyte analyzed for, but not detected above the sample's reported quantitation limit
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
aqueous equipment (EB), trip (TB), or bottle
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 2

Groundwater Analytical Data Summary: Volatile Organic Compounds

Sample Location		RFI-06	RFI-08A	RFI-09	RFI-10	RFI-11	RFI-12	RFI-16	RFI-17	RFI-18	RFI-19	RFI-22	RFI-23	RFI-24	RFI-25
Sample Date		6/13/2019	6/10/2019	6/12/2019	6/13/2019	6/10/2019	6/14/2019	6/12/2019	6/13/2019	6/10/2019	6/11/2019	6/13/2019	6/11/2019	6/13/2019	6/13/2019
Analytes (Method 8260C)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)													
1,1,1-Trichloroethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
1,1,2,2-Tetrachloroethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
1,1,2-Trichloroethane	1	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U F2
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U F2
1,1-Dichloroethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U F2
1,1-Dichloroethene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U F2 F1
1,2,4-Trichlorobenzene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
1,2-Dibromo-3-chloropropane	0.04	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
1,2-Dichlorobenzene	3	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
1,2-Dichloroethane	0.6	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
1,2-Dichloropropane	1	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
1,3-Dichlorobenzene	3	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
1,4-Dichlorobenzene	3	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
2-Butanone (MEK)	50	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 20 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 40 U
2-Hexanone	50	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 10 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 20 U
4-Methyl-2-pentanone (MIBK)	-	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 10 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 20 U
Acetone	50	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 20 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 40 U F2
Benzene	1	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Bromodichloromethane	50	ND < 1.0 U*	ND < 1.0 U	ND < 1.0 U*	ND < 1.0 U*	ND < 2.0 U	ND < 1.0 U*	ND < 1.0 U*	ND < 1.0 U*	ND < 1.0 U*	ND < 1.0 U	ND < 1.0 U*	ND < 1.0 U	ND < 1.0 U*	ND < 4.0 U*
Bromoform	50	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Bromomethane	50	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Carbon Disulfide	60	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U F2
Carbon tetrachloride	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Chlorobenzene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Dibromochloromethane	50	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Chloroethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Chloroform	7	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Chloromethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
cis-1,2-Dichloroethene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	31	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
cis-1,3-Dichloropropene	0.4	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Cyclohexane	-	ND < 1.0 U	1.6	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Dichlorodifluoromethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Ethylbenzene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
1,2-Dibromoethane	0.0006	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Isopropylbenzene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Methyl acetate	-	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 5.0 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 10 U F2
Methyl tert-butyl ether	10	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U F1
Methylcyclohexane	-	ND < 1.0 U	3.5	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Methylene chloride	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U F2
Styrene	50	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Tetrachloroethene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Toluene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
trans-1,2-Dichloroethene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	1.0	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U F2 F1
trans-1,3-Dichloropropene	0.4	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Trichloroethene	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	13	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Trichlorofluoromethane	5	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Vinyl Chloride	2	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U
Xylenes, Total	5	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 4.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 8.0 U

NOTES:

Bold values indicate analytical result exceeds TOGS 1.1.1 WQS

TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000

µg/L = micrograms per liter

U = Analyte analyzed for, but not detected above the sample's reported quantitation limit

- = no published regulatory standard

J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample aqueous equipment (EB), trip (TB), or bottle

NA = not analyzed

J+/- = Sample likely to have a high/low bias, respectively

F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits

F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits

* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 2

Groundwater Analytical Data Summary: Volatile Organic Compounds

Sample Location		RFI-26	RFI-27	RFI-28	RFI-29	RFI-30	RFI-31	RFI-34	RFI-35	RFI-36	TW-12	TW-13	TW-14	TW-15
Sample Date		6/6/2019	6/10/2019	6/14/2019	6/10/2019	6/14/2019	6/6/2019	6/6/2019	6/6/2019	6/6/2019	6/7/2019	6/7/2019	6/7/2019	6/7/2019
Analytes (Method 8260C)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)												
1,1,1-Trichloroethane	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U F1	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1,2,2-Tetrachloroethane	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1,2-Trichloroethane	1	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1-Dichloroethane	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1-Dichloroethene	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2,4-Trichlorobenzene	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dibromo-3-chloropropane	0.04	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dichlorobenzene	3	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dichloroethane	0.6	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dichloropropane	1	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,3-Dichlorobenzene	3	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,4-Dichlorobenzene	3	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
2-Butanone (MEK)	50	ND < 200	ND < 10 U	ND < 10	ND < 10 U	ND < 10	ND < 200 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
2-Hexanone	50	ND < 100	ND < 5.0 U	ND < 5.0	ND < 5.0 U	ND < 5.0	ND < 100 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
4-Methyl-2-pentanone (MIBK)	-	ND < 100	ND < 5.0 U	ND < 5.0	ND < 5.0 U	ND < 5.0	ND < 100 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Acetone	50	ND < 200	ND < 10 U	ND < 10	ND < 10 U	ND < 10	ND < 200 U	4.9 J	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
Benzene	1	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	34	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Bromodichloromethane	50	ND < 20	ND < 1.0 U	ND < 1.0 *	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Bromoform	50	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Bromomethane	50	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Carbon Disulfide	60	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	0.68 J	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Carbon tetrachloride	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Chlorobenzene	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Dibromochloromethane	50	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U F1	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Chloroethane	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Chloroform	7	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Chloromethane	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
cis-1,2-Dichloroethene	5	1,700	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	390	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
cis-1,3-Dichloropropene	0.4	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Cyclohexane	-	7.8 J	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	4.1	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Dichlorodifluoromethane	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Ethylbenzene	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dibromoethane	0.0006	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Isopropylbenzene	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	0.80 J	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Methyl acetate	-	ND < 50	ND < 2.5 U	ND < 2.5	ND < 2.5 U	ND < 2.5	ND < 50 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U
Methyl tert-butyl ether	10	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Methylcyclohexane	-	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	1.2	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Methylene chloride	5	10 J	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	10 J	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Styrene	50	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Tetrachloroethene	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U F1	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Toluene	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
trans-1,2-Dichloroethene	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	72	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
trans-1,3-Dichloropropene	0.4	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Trichloroethene	5	1,200	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	1,300	1.6	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Trichlorofluoromethane	5	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	ND < 20 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Vinyl Chloride	2	ND < 20	ND < 1.0 U	ND < 1.0	ND < 1.0 U	ND < 1.0	36	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Xylenes, Total	5	ND < 40	ND < 2.0 U	ND < 2.0	ND < 2.0 U	ND < 2.0	ND < 40 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
µg/L = micrograms per liter
U = Analyte analyzed for, but not detected above the sample's reported quantitation limit
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
aqueous equipment (EB), trip (TB), or bottle
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 2

Groundwater Analytical Data Summary: Volatile Organic Compounds

Sample Location		TW-5A	TW-6	TW-7	TW-8	TW-9	WP-4	WP-5	WP-7	WP-8	WT-1A	WT-1B	WT-2	WT-3	WT-4
Sample Date		6/10/2019	6/7/2019	6/7/2019	6/7/2019	6/7/2019	6/11/2019	6/12/2019	6/12/2019	6/12/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019
Analytes (Method 8260C)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)													
1,1,1-Trichloroethane	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1,2,2-Tetrachloroethane	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1,2-Trichloroethane	1	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1-Dichloroethane	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,1-Dichloroethene	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2,4-Trichlorobenzene	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dibromo-3-chloropropane	0.04	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dichlorobenzene	3	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dichloroethane	0.6	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dichloropropane	1	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,3-Dichlorobenzene	3	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,4-Dichlorobenzene	3	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
2-Butanone (MEK)	50	ND < 20 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 40 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
2-Hexanone	50	ND < 10 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 20 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
4-Methyl-2-pentanone (MIBK)	-	ND < 10 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 20 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Acetone	50	ND < 20 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 40 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	9.5 J	ND < 10 U	ND < 10 U
Benzene	1	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Bromodichloromethane	50	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U*	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Bromoform	50	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Bromomethane	50	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Carbon Disulfide	60	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Carbon tetrachloride	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Chlorobenzene	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Dibromochloromethane	50	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Chloroethane	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Chloroform	7	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Chloromethane	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
cis-1,2-Dichloroethene	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	140	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	9.3	ND < 1.0 U	ND < 1.0 U
cis-1,3-Dichloropropene	0.4	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Cyclohexane	-	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Dichlorodifluoromethane	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Ethylbenzene	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
1,2-Dibromoethane	0.0006	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Isopropylbenzene	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Methyl acetate	-	ND < 5.0 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 10 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U	ND < 2.5 U
Methyl tert-butyl ether	10	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Methylcyclohexane	-	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Methylene chloride	5	1.9 J	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Styrene	50	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Tetrachloroethene	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Toluene	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
trans-1,2-Dichloroethene	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	4.6	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
trans-1,3-Dichloropropene	0.4	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Trichloroethene	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	13	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	0.85 J	ND < 1.0 U	ND < 1.0 U
Trichlorofluoromethane	5	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U
Vinyl Chloride	2	ND < 2.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 4.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	ND < 1.0 U	3.6	ND < 1.0 U	ND < 1.0 U
Xylenes, Total	5	ND < 4.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 8.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U	ND < 2.0 U

NOTES:

Bold values indicate analytical result exceeds TOGS 1.1.1 WQS

TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000

µg/L = micrograms per liter

U = Analyte analyzed for, but not detected above the sample's reported quantitation limit

- = no published regulatory standard

J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample aqueous equipment (EB), trip (TB), or bottle

NA = not analyzed

J+/- = Sample likely to have a high/low bias, respectively

F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits

F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits

* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits

Table 3

Sample Location		B-1	BFS-1	BFS-2	BR-2 (Formerly MW-4)	BR-3 (Formerly WP-3A)	BR-4 (Formerly MW-5)	LAE-4	MW-6	MW-7	MW-8	RFI-01	RFI-02	RFI-04	RFI-05A	RFI-06	RFI-08A	RFI-09	RFI-10
Sample Date		6/14/2019	6/12/2019	6/12/2019	6/11/2019	6/11/2019	6/12/2019	6/10/2019	6/10/2019	6/6/2019	6/7/2019	6/14/2019	6/13/2019	6/14/2019	6/6/2019	6/13/2019	6/10/2019	6/12/2019	6/13/2019
Analytes (Method 8270D)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)																	
Biphenyl	5	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
bis(2-chloroisopropyl) ether	5	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2,4,5-Trichlorophenol	1	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2,4,6-Trichlorophenol	1	ND < 5.0 U	ND < 5.0 U*	ND < 25 U*	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U*	ND < 5.0 U*	ND < 5.0 U*	ND < 5.0 U	ND < 5.0 U*	ND < 5.0 U	ND < 5.0 U*	ND < 5.0 U*
2,4-Dichlorophenol	5	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2,4-Dimethylphenol	2	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2,4-Dinitrophenol	10	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
2,4-Dinitrotoluene	5	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2,6-Dinitrotoluene	5	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2-Chloronaphthalene	10	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2-Chlorophenol	1	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2-Methylphenol	1	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2-Methylnaphthalene	-	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2-Nitroaniline	5	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
2-Nitrophenol	1	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
3,3'-Dichlorobenzidine	5	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
3-Nitroaniline	5	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
4,6-Dinitro-2-methylphenol	5	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
4-Bromophenyl phenyl ether	-	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
4-Chloro-3-methylphenol	1	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
4-Chloroaniline	5	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
4-Chlorophenyl phenyl ether	-	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
4-Methylphenol	1	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
4-Nitroaniline	5	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
4-Nitrophenol	1	ND < 10 U	ND < 10 U*	ND < 50 U*	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U*	ND < 10 U	ND < 10 U	ND < 50 U	ND < 10 U*	ND < 10 U*	ND < 10 U*	ND < 10 U	ND < 10 U*	ND < 10 U	ND < 10 U*	ND < 10 U*
Acenaphthene	20	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Acenaphthylene	-	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Acetophenone	-	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Anthracene	50	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Atrazine	7.5	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Benzaldehyde	-	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Benzo[a]anthracene	0.002	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Benzo[a]pyrene	0	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Benzo(b)fluoranthene	0.002	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Benzo[g,h,i]perylene	-	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Benzo[k]fluoranthene	0.002	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
bis(2-Chloroethoxy)methane	5	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
bis(2-Chloroethyl) ether	1	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
bis(2-Ethylhexyl) phthalate	5	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Butyl benzyl phthalate	50	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Caprolactam	-	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Carbazole	-	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Chrysene	0.002	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Dibenz[a,h]anthracene	-	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 25 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND &lt

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
 TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
 µg/L = micrograms per liter
 U = Analyte analyzed for, but not detected above the sample's reported quantitation limit
 - = no published regulatory standard
 J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
 B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
 NA = not analyzed
 J+/- = Sample likely to have a high/low bias, respectively
 F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
 F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
 * = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits

Table 3

Sample Location		RFI-11	RFI-12	RFI-16	RFI-17	RFI-18	RFI-19	RFI-22	RFI-23	RFI-24	RFI-25	RFI-26	RFI-27	RFI-28	RFI-29	RFI-30	RFI-31	RFI-34	RFI-35
Sample Date		6/10/2019	6/14/2019	6/12/2019	6/13/2019	6/10/2019	6/11/2019	6/13/2019	6/11/2019	6/13/2019	6/13/2019	6/6/2019	6/6/2019	6/14/2019	6/10/2019	6/14/2019	6/6/2019	6/6/2019	6/6/2019
Analytes (Method 8270D)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)																	
Biphenyl	5	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
bis(2-chloroisopropyl) ether	5	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2,4,5-Trichlorophenol	1	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2,4,6-Trichlorophenol	1	ND < 5.0 U	ND < 5.0 U*	ND < 5.0 U*	ND < 5.0 U*	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U*	ND < 5.0 U	ND < 5.0 U*	ND < 5.0 U*	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U*	ND < 5.4 U	ND < 5.0 U*	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2,4-Dichlorophenol	5	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2,4-Dimethylphenol	2	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2,4-Dinitrophenol	10	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 11 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
2,4-Dinitrotoluene	5	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	0.45 J	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2,6-Dinitrotoluene	5	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2-Chloronaphthalene	10	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2-Chlorophenol	1	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2-Methylphenol	1	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2-Methylnaphthalene	-	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
2-Nitroaniline	5	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 11 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
2-Nitrophenol	1	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
3,3'-Dichlorobenzidine	5	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
3-Nitroaniline	5	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 11 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
4,6-Dinitro-2-methylphenol	5	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 11 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
4-Bromophenyl phenyl ether	-	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
4-Chloro-3-methylphenol	1	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
4-Chloroaniline	-	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
4-Chlorophenyl phenyl ether	5	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
4-Methylphenol	1	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 11 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
4-Nitroaniline	5	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 11 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U
4-Nitrophenol	1	ND < 10 U	ND < 10 U*	ND < 10 U*	ND < 10 U*	ND < 10 U	ND < 10 U	ND < 10 U*	ND < 10 U	ND < 10 U*	ND < 10 U*	ND < 10 U	ND < 10 U	ND < 10 U*	ND < 11 U	ND < 10 U*	ND < 10 U	ND < 10 U	ND < 10 U
Acenaphthene	20	0.45 J	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Acenaphthylene	-	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Acetophenone	-	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Anthracene	50	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	0.31 J
Atrazine	7.5	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Benzaldehyde	-	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Benzo[a]anthracene	0.002	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Benzo[a]pyrene	0	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Benzo(b)fluoranthene	0.002	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Benzo[g,h,i]perylene	-	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Benzo[k]fluoranthene	0.002	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
bis(2-Chloroethoxy)methane	5	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
bis(2-Chloroethyl) ether	1	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
bis(2-Ethylhexyl) phthalate	5	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Butyl benzyl phthalate	50	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Caprolactam	-	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Carbazole	-	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Chrysene	0.002	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.4 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U
Dibenz[a,h]anthracene	-	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U					

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
 TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
 µg/L = micrograms per liter
 U = Analyte analyzed for, but not detected above the sample's reported quantitation limit
 - = no published regulatory standard
 J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
 B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
 NA = not analyzed
 J+/- = Sample likely to have a high/low bias, respectively
 F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
 F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
 * = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits

Table 3

Sample Location		RfI-36	TW-12	TW-13	TW-14	TW-15	TW-5A	TW-6	TW-7	TW-8	TW-9	WP-4	WP-5	WP-7	WP-8	WT-1A	WT-1B	WT-2	WT-3	WT-4	
Sample Date		6/6/2019	6/7/2019	6/7/2019	6/7/2019	6/7/2019	6/10/2019	6/7/2019	6/7/2019	6/7/2019	6/7/2019	6/11/2019	6/12/2019	6/12/2019	6/12/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	
Analytes (Method 8270D)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)																			
Biphenyl	5	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
bis(2-chloroisopropyl) ether	5	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
2,4,5-Trichlorophenol	1	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
2,4,6-Trichlorophenol	1	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U*	ND < 5.0 U*	ND < 5.0 U*	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
2,4-Dichlorophenol	5	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
2,4-Dimethylphenol	2	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
2,4-Dinitrophenol	10	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	
2,4-Dinitrotoluene	5	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
2,6-Dinitrotoluene	5	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
2-Chloronaphthalene	10	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
2-Chlorophenol	1	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
2-Methylphenol	1	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
2-Methylnaphthalene	-	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
2-Nitroaniline	5	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	
2-Nitrophenol	1	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
3,3'-Dichlorobenzidine	5	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
3-Nitroaniline	5	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	
4,6-Dinitro-2-methylphenol	5	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	
4-Bromophenyl phenyl ether	-	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
4-Chloro-3-methylphenol	1	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
4-Chloroaniline	5	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
4-Chlorophenyl phenyl ether	-	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
4-Methylphenol	1	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	
4-Nitroaniline	5	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	
4-Nitrophenol	1	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U*	ND < 10 U*	ND < 10 U*	ND < 10 U	ND < 10 U	ND < 10 U	ND < 10 U	
Acenaphthene	20	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	0.41 J	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
Acenaphthylene	-	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
Acetophenone	-	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	1.0 J	ND < 5.0 U	
Anthracene	50	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	0.28 J	ND < 5.0 U	ND < 5.0 U	0.31 J	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
Atrazine	7.5	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
Benzaldehyde	-	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
Benzo[a]anthracene	0.002	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
Benzo[a]pyrene	0	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
Benzo(b)fluoranthene	0.002	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
Benzo(g,h,i)perylene	-	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
Benzo(k)fluoranthene	0.002	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
bis(2-Chloroethoxy)methane	5	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
bis(2-Chloroethyl) ether	1	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
bis(2-Ethylhexyl) phthalate	5	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	3.6 J	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
Butyl benzyl phthalate	50	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
Caprolactam	-	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	
Carbazole	-	ND < 5.0 U	ND < 5.0 U	ND < 5.2 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U	ND < 5.0 U</													

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
 TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
 µg/L = micrograms per liter
 U = Analyte analyzed for, but not detected above the sample's reported quantitation limit
 - = no published regulatory standard
 J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
 B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
 NA = not analyzed
 J+/- = Sample likely to have a high/low bias, respectively
 F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
 F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
 * = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 4
Groundwater Analytical Data Summary: Organochlorine Pesticides

Sample Location		B-1	BFS-1	BFS-2	BR-2 (Formerly MW-4)	BR-3 (Formerly WP-3A)	BR-4 (Formerly MW-5)	LAE-4	MW-6	MW-7	MW-8	RFI-01	RFI-02	RFI-04
Sample Date		6/14/2019	6/12/2019	6/12/2019	6/11/2019	6/11/2019	6/12/2109	6/10/2019	6/10/2019	6/6/2019	6/7/2019	6/14/2019	6/13/2019	6/14/2019
Analytes (Method 608)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)												
Aldrin	-	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Alpha-BHC	0.01	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Beta-BHC	0.04	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Delta-BHC	0.04	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	0.015 J B	0.015 J B	ND < 0.050 U	0.014 J	0.016 J	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Gamma-BHC	0.05	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Chlordane, technical	0.05	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.48 U	ND < 0.49 U	ND < 0.49 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U
4,4'-DDD	0.3	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
4,4'-DDE	0.2	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
4,4'-DDT	0.2	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	0.015 J	ND < 0.048 U	0.011 J	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Dieldrin	0.004	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endosulfan I	-	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endosulfan II	-	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endosulfan Sulfate	-	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U*	ND < 0.049 U*	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endrin	-	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endrin Aldehyde	5	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Heptachlor	0.04	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Heptachlor Epoxide	0.03	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.048 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Toxaphene	0.06	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.48 U	ND < 0.49 U	ND < 0.49 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
ug/L = micrograms per liter
U = Analyte analyzed for, but not detected above the sample's reported quantitation limit
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 4
Groundwater Analytical Data Summary: Organochlorine Pesticides

Sample Location		RFI-05A	RFI-06	RFI-08A	RFI-09	RFI-10	RFI-11	RFI-12	RFI-16	RFI-17	RFI-18	RFI-19	RFI-22	RFI-23
Sample Date		6/6/2019	6/13/2019	6/10/2019	6/12/2019	6/13/2019	6/10/2019	6/14/2019	6/12/2019	6/13/2019	6/10/2019	6/11/2019	6/13/2019	6/11/2019
Analytes (Method 608)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)												
Aldrin	-	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Alpha-BHC	0.01	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Beta-BHC	0.04	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Delta-BHC	0.04	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	0.015 J B	ND < 0.050 U	ND < 0.050 U
Gamma-BHC	0.05	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Chlordane, technical	0.05	ND < 0.49 U	ND < 0.50 U	ND < 0.48 U	ND < 0.50 U	ND < 0.50 U	ND < 0.49 U	ND < 5.0 U	ND < 0.50 U	ND < 0.50 U	ND < 5.0 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U
4,4'-DDD	0.3	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
4,4'-DDE	0.2	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
4,4'-DDT	0.2	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Dieldrin	0.004	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endosulfan I	-	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endosulfan II	-	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endosulfan Sulfate	-	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U*	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U*	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U*	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endrin	-	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endrin Aldehyde	5	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Heptachlor	0.04	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Heptachlor Epoxide	0.03	ND < 0.049 U	ND < 0.050 U	ND < 0.048 U	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.50 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Toxaphene	0.06	ND < 0.49 U	ND < 0.50 U	ND < 0.48 U	ND < 0.50 U	ND < 0.50 U	ND < 0.49 U	ND < 5.0 U	ND < 0.50 U	ND < 0.50 U	ND < 5.0 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
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B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
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J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 4
Groundwater Analytical Data Summary: Organochlorine Pesticides

Sample Location		RFI-24	RFI-25	RFI-26	RFI-27	RFI-28	RFI-29	RFI-30	RFI-31	RFI-34	RFI-35	RFI-36	TW-12	TW-13
Sample Date		6/13/2019	6/13/2019	6/6/2019	6/10/2019	6/14/2019	6/10/2019	6/14/2019	6/6/2019	6/6/2019	6/6/2019	6/6/2019	6/7/2019	6/7/2019
Analytes (Method 608)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)												
Aldrin	-	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Alpha-BHC	0.01	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Beta-BHC	0.04	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Delta-BHC	0.04	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Gamma-BHC	0.05	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Chlordane, technical	0.05	ND < 0.50 U	ND < 0.50 U	ND < 0.49 U	ND < 0.49 U	ND < 0.50 U	ND < 0.49 U	ND < 5.0 U	ND < 0.48 U	ND < 0.48 U	ND < 0.48 U	ND < 0.48 U	ND < 0.48 U	ND < 0.48 U
4,4'-DDD	0.3	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
4,4'-DDE	0.2	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
4,4'-DDT	0.2	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Dieldrin	0.004	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Endosulfan I	-	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Endosulfan II	-	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Endosulfan Sulfate	-	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U*	ND < 0.050 U	ND < 0.049 U*	ND < 0.50 U*	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Endrin	-	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Endrin Aldehyde	5	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Heptachlor	0.04	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Heptachlor Epoxide	0.03	ND < 0.050 U	ND < 0.050 U	ND < 0.049 U	ND < 0.049 U	ND < 0.050 U	ND < 0.049 U	ND < 0.50 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U
Toxaphene	0.06	ND < 0.50 U	ND < 0.50 U	ND < 0.49 U	ND < 0.49 U	ND < 0.50 U	ND < 0.49 U	ND < 5.0 U	ND < 0.48 U	ND < 0.48 U	ND < 0.48 U	ND < 0.48 U	ND < 0.48 U	ND < 0.48 U

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
ug/L = micrograms per liter
U = Analyte analyzed for, but not detected above the sample's reported quantitation limit
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 4
Groundwater Analytical Data Summary: Organochlorine Pesticides

Sample Location		TW-14	TW-15	TW-5A	TW-6	TW-7	TW-8	TW-9	WP-4	WP-5	WP-7	WP-8	WT-1A	WT-1B	WT-2	WT-3	WT-4
Sample Date		6/7/2019	6/7/2019	6/10/2019	6/7/2019	6/7/2019	6/7/2019	6/7/2019	6/11/2019	6/12/2019	6/12/2019	6/12/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019
Analytes (Method 608)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)															
Aldrin	-	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Alpha-BHC	0.01	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	0.013 J	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Beta-BHC	0.04	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Delta-BHC	0.04	ND < 0.048 U	ND < 0.048 U	0.011 J	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	0.015 J B	0.011 J	ND < 0.050 U	ND < 0.050 U	0.024 J B	0.015 J B	0.015 J B	0.015 J B	0.015 J B
Gamma-BHC	0.05	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	0.022 J	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	0.013 J
Chlordane, technical	0.05	ND < 0.48 U	ND < 0.48 U	ND < 0.48 U	ND < 0.49 U	ND < 0.48 U	ND < 0.48 U	ND < 0.49 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U
4,4'-DDD	0.3	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
4,4'-DDE	0.2	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
4,4'-DDT	0.2	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	0.018 J	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Dieldrin	0.004	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	0.014 J	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endosulfan I	-	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endosulfan II	-	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endosulfan Sulfate	-	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U*	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endrin	-	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Endrin Aldehyde	5	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Heptachlor	0.04	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Heptachlor Epoxide	0.03	ND < 0.048 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.048 U	ND < 0.048 U	ND < 0.049 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U	ND < 0.050 U
Toxaphene	0.06	ND < 0.48 U	ND < 0.48 U	ND < 0.48 U	ND < 0.49 U	ND < 0.48 U	ND < 0.48 U	ND < 0.49 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U	ND < 0.50 U

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
µg/L = micrograms per liter
U = Analyte analyzed for, but not detected above the sample's reported quantitation limit
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 5
Groundwater Analytical Data Summary: Polychlorinated Biphenyls

Sample Location		B-1	BFS-1	BFS-2	BR-2 (Formerly MW-4)	BR-3 (Formerly WP-3A)	BR-4 (Formerly MW-5)	LAE-4	MW-6	MW-7	MW-8	RFI-01	RFI-02	RFI-04	RFI-05A
Sample Date		6/14/2019	6/12/2019	6/12/2019	6/11/2109	6/11/2019	6/12/2019	6/10/2019	6/10/2019	6/6/2019	6/7/2019	6/14/2019	6/13/2019	6/14/2019	6/6/2019
Analytes (Method 608)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)													
	0.09	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U

NOTES:
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
µg/L = micrograms per liter
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
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Table 5
Groundwater Analytical Data Summary: Polychlorinated Biphenyls

Sample Location		RFI-06	RFI-08A	RFI-09	RFI-10	RFI-11	RFI-12	RFI-16	RFI-17	RFI-18	RFI-19	RFI-22	RFI-23	RFI-24	RFI-25
Sample Date		6/13/2019	6/10/2019	6/12/2019	6/13/2019	6/10/2019	6/14/2019	6/12/2019	6/13/2019	6/10/2019	6/11/2019	6/13/2019	6/11/2019	6/13/2019	6/13/2019
Analytes (Method 608)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)													
Aroclor 1016	0.09	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U
Aroclor 1221		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U
Aroclor 1232		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U
Aroclor 1242		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U
Aroclor 1248		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U
Aroclor 1254		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U
Aroclor 1260		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U

NOTES:
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
µg/L = micrograms per liter
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 5
Groundwater Analytical Data Summary: Polychlorinated Biphenyls

Sample Location		RFI-26	RFI-27	RFI-28	RFI-29	RFI-30	RFI-31	RFI-34	RFI-35	RFI-36	TW-12	TW-13	TW-14	TW-15	TW-5A
Sample Date		6/6/2019	6/10/2019	6/14/2019	6/10/2019	6/14/2019	6/6/2019	6/6/2019	6/6/2019	6/6/2019	6/7/2019	6/7/2019	6/7/2019	6/7/2019	6/10/2019
Analytes (Method 608)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)													
	0.09	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.12 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U

NOTES:
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
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- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 5
Groundwater Analytical Data Summary: Polychlorinated Biphenyls

Sample Location		TW-6	TW-7	TW-8	TW-9	WP-4	WP-5	WP-7	WP-8	WT-1A	WT-1B	WT-2	WT-3	WT-4
Sample Date		6/7/2019	6/7/2019	6/7/2019	6/7/2019	6/11/2019	6/12/2019	6/12/2019	6/12/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019
Analytes (Method 608)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in micrograms per liter (ug/L)												
	0.09	Aroclor 1016	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		Aroclor 1221	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		Aroclor 1232	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		Aroclor 1242	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		Aroclor 1248	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		Aroclor 1254	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	0.038 J	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U
		Aroclor 1260	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U	ND < 0.060 U

NOTES:
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
µg/L = micrograms per liter
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 6
Groundwater Analytical Data Summary: Metals

Sample Location		B-1	BFS-1	BFS-2	BR-2 (Formerly MW-4)	BR-3 (Formerly WP-3A)	BR-4 (Formerly MW-5)	LAE-4	MW-6	MW-7	MW-8	RFI-01	RFI-02	RFI-04	RFI-05A
Sample Date		6/14/2019	6/12/2019	6/12/2019	6/11/2019	6/11/2019	6/12/2019	6/10/2019	6/10/2019	6/6/2019	6/7/2019	6/14/2019	6/13/2019	6/14/2019	6/6/2019
Analytes (Method 6010C)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in milligrams per liter (mg/L)													
Aluminum	-	ND < 0.20 U	0.24	1.7	0.69	ND < 0.20 U	ND < 0.20 U	0.098 J	ND < 0.20 U	24.5 F1	0.090 J	5.4	ND < 0.20 U	ND < 0.20 U	0.14 J
Antimony	0.006	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U F1	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U
Arsenic	0.05	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	0.012 J	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U
Barium	2.00	0.20	0.13	0.073	0.11	0.11	1.3	0.10	1.6	0.32	0.065	0.15	0.016	0.3	0.10
Beryllium	0.003	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	0.0011 J	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U
Cadmium	0.01	ND < 0.0020 U	0.00064 J	0.00059 J	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	0.0018 J	ND < 0.0020 U	ND < 0.0020 U	0.00057 J	ND < 0.0020 U	ND < 0.0020 U
Calcium	-	96.4	89.3	98.2	208	124	112	117	119	233	50.8	89.4	140	110	154
Chromium	1.00	ND < 0.0040 U	0.057	0.047	0.0012 J	ND < 0.0040 U	ND < 0.0040 U	0.0013 J	ND < 0.0040 U	0.077	ND < 0.0040 U	0.0070	0.0064	ND < 0.0040 U	ND < 0.0040 U
Cobalt	-	ND < 0.0040 U	0.001 J	0.0019 J	0.0011 J	0.0016 J	ND < 0.0040 U	0.0065	ND < 0.0040 U	0.017	ND < 0.0040 U	0.0019 J	ND < 0.0040 U	ND < 0.0040 U	ND < 0.0040 U
Copper	1.00	ND < 0.010 U	0.0061 J	0.012	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.15	ND < 0.010 U	0.010	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U
Iron	0.60	0.97	0.86	1.9	1.7	0.37	0.12	0.55 B	0.12 F1	28.2 B F1	0.61 B	5.9	0.16	0.67	0.15 B
Lead	0.050	ND < 0.010 U	ND < 0.010 U	0.0045 J	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.53	ND < 0.010 U	0.011	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U
Magnesium	35.0	43.0	30.5	23.2	65.9	54.4	44.0	26.3	42.8	43.2	6.9	24.7	46.0	49.9	38.6
Manganese	0.60	0.075	1.9	0.13	0.18	0.11	0.063	2.1	0.043	0.89 B	0.051 B	0.16	0.16	0.089	0.15 B
Nickel	0.20	ND < 0.010 U	0.025	0.044	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.0064 J	ND < 0.010 U	0.11	ND < 0.010 U	0.0068 J	0.0015 J	ND < 0.010 U	ND < 0.010 U
Potassium	-	3.6	1.9	2.9	7.1	4.1	2.6	0.68	4.7	8.2	2.2	2.5	2.1	1.4	1.2
Selenium	0.02	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U
Silver	0.10	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U
Sodium	-	34.6	63.3	71.0	347	39.1	38.8	17.3	139	36.8	196	10.4	9.0	11.9	13.6
Thallium	0.0005	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U
Vanadium	-	ND < 0.0050 U	0.026	0.0075	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	0.038	ND < 0.0050 U	0.0097	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U
Zinc	5.0	ND < 0.010 U	0.012	0.062	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.0034 JB	ND < 0.010 U	0.30	ND < 0.010 U	0.017	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U
Analyte (Method 7470A)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in milligrams per liter (mg/L)													
Mercury	0.0014	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	0.00012 J	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U
Analyte (Method 7196A)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in milligrams per liter (mg/L)													
Chromium VI	0.10	-	-	-	-	-	-	-	ND < 0.010 U	-	-	-	-	-	-

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
mg/L = milligrams per liter
U = Analyte analyzed for, but not detected above the sample's reported quantitation limit
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 6
Groundwater Analytical Data Summary: Metals

Sample Location		RFI-06	RFI-08A	RFI-09	RFI-10	RFI-11	RFI-12	RFI-16	RFI-17	RFI-18	RFI-19	RFI-22	RFI-23	RFI-24
Sample Date		6/13/2019	6/10/2019	6/12/2019	6/13/2019	6/10/2019	6/14/2019	6/12/2019	6/13/2019	6/10/2019	6/11/2019	6/13/2019	6/11/2019	6/13/2019
Analytes (Method 6010C)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in milligrams per liter (mg/L)												
Aluminum	-	ND < 0.20 U	0.49	1.1	0.50	ND < 0.20 U	ND < 0.20 U	ND < 0.20 U	0.23	ND < 0.20 U	0.18 J	16.6	ND < 0.20 U	0.18 J
Antimony	0.006	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U
Arsenic	0.05	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	0.013 J	ND < 0.015 U	ND < 0.015 U
Barium	2.00	0.030	2.9	0.091	0.099	0.30	0.088	0.078	0.048	0.099	0.17	0.50	0.047	0.18
Beryllium	0.003	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	0.0018 J	ND < 0.0020 U	ND < 0.0020 U
Cadmium	0.01	ND < 0.0020 U	ND < 0.0020 U	0.00058 J	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	0.00054 J	ND < 0.0020 U	ND < 0.0020 U	0.025	ND < 0.0020 U	0.00052 J
Calcium	-	152	159	125	168	166	89.1	147	110	220	82.5	123	131	130
Chromium	1.00	.0021 J	ND < 0.0040 U	0.0038 J	0.0010 J	ND < 0.0040 U	ND < 0.0040 U	ND < 0.0040 U	0.0018 J	ND < 0.0040 U	0.0023 J	0.094	ND < 0.0040 U	ND < 0.0040 U
Cobalt	-	ND < 0.0040 U	ND < 0.0040 U	0.0013 J	0.00081 J	0.00082 J	ND < 0.0040 U	0.0011 J	ND < 0.0040 U	ND < 0.0040 U	ND < 0.0040 U	0.044	ND < 0.0040 U	ND < 0.0040 U
Copper	1.00	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.0016 J	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.059	ND < 0.010 U	ND < 0.010 U
Iron	0.60	0.13	1.8	1.6	0.83	8.3	0.10	3.9	4.4	0.41	0.92	24.9	4.1	1.3
Lead	0.050	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.060	0.0030 J	ND < 0.010 U
Magnesium	35.0	47.7	55.7	32.9	48.0	20.8	34.4	37.3	29.0	88.1	49.6	33.5	52.0	26.2
Manganese	0.60	0.16	0.099	0.93	0.49	1.4	0.066	0.38	0.49	0.21	0.058	1.1	0.058	0.10
Nickel	0.20	ND < 0.010 U	ND < 0.010 U	0.0073 J	0.0016 J	0.018	0.0027 J	0.0013 J	0.0042 J	ND < 0.010 U	0.0037 J	0.21	ND < 0.010 U	0.0091 J
Potassium	-	4.5	6.2	1.8	4.2	2.3	2.5	2.4	2.5	5.6	8.1	3.5	2.6	1.9
Selenium	0.02	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U
Silver	0.10	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U
Sodium	-	97.7	227	22.5	192	7.6	24.0	118	78.5	288	64.8	10.8	20.3	12.6
Thallium	0.0005	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U
Vanadium	-	ND < 0.0050 U	ND < 0.0050 U	0.0023 J	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	0.058	ND < 0.0050 U	ND < 0.0050 U
Zinc	5.0	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.017	3.7	ND < 0.010 U	ND < 0.010 U
Analyte (Method 7470A)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in milligrams per liter (mg/L)												
Mercury	0.0014	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	0.00017 J	ND < 0.00020 U	ND < 0.00020 U
Analyte (Method 7196A)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in milligrams per liter (mg/L)												
Chromium VI	0.10	-	ND < 0.010 U	-	-	-	-	-	-	-	-	-	-	-

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
µg/L = micrograms per liter
U = Analyte analyzed for, but not detected above the sample's reported quantitation limit
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 6
Groundwater Analytical Data Summary: Metals

Sample Location		RFI-25	RFI-26	RFI-27	RFI-28	RFI-29	RFI-30	RFI-31	RFI-34	RFI-35	RFI-36	TW-12	TW-13	TW-14	TW-15
Sample Date		6/13/2019	6/6/2019	6/10/2019	6/14/2019	6/10/2019	6/14/2019	6/6/2019	6/6/2019	6/6/2019	6/6/2019	6/7/2019	6/7/2019	6/7/2019	6/7/2019
Analytes (Method 6010C)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in milligrams per liter (mg/L)													
Aluminum	-	ND < 0.20 U	ND < 0.20 U	0.096 J	ND < 0.20 U	ND < 0.20 U	ND < 0.20 U	1.1	3.1	0.92	ND < 0.20 U	ND < 0.20 U	0.14 J	0.098 J	ND < 0.20 U
Antimony	0.006	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U
Arsenic	0.05	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	0.0084 J
Barium	2.00	0.063	0.030	0.038	1.3	0.14 F1	0.28	0.076	0.28	0.40	0.14	0.053	0.055	0.77	0.069
Beryllium	0.003	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U
Cadmium	0.01	0.00061 J	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	0.00068 J	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	0.00051 J	ND < 0.0020 U	ND < 0.0020 U	0.00068 J
Calcium	-	167	156	150	63.0	104	109	214	69.8	122	67.1	222	455	340	423
Chromium	1.00	ND < 0.0040 U	ND < 0.0040 U	ND < 0.0040 U	ND < 0.0040 U	ND < 0.0040 U	0.0021 J	0.0018 J	0.014	0.0016 J	ND < 0.0040 U	ND < 0.0040 U	ND < 0.0040 U	ND < 0.0040 U	7.8
Cobalt	-	ND < 0.0040 U	ND < 0.0040 U	0.0062	ND < 0.0040 U	ND < 0.0040 U	ND < 0.0040 U	0.0021 J	0.0022 J	0.0014 J	ND < 0.0040 U	ND < 0.0040 U	ND < 0.0040 U	ND < 0.0040 U	ND < 0.0040 U
Copper	1.00	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.0092 J	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U
Iron	0.60	0.38	1.4 B	0.12	2.8	0.73	6.1	4.9 B	5.8 B	1.6 B	0.78 B	0.57 B	2.2 B	0.25 B	0.14 B
Lead	0.050	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.0035 J	0.015	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U
Magnesium	35.0	70.8	86.8	39.7	24.2	56.6	33.0	62.0	22.7	29.2	22.6	71.4	170	95.2	154
Manganese	0.60	0.20	0.23 B	1.8	0.31	0.064	0.74	0.18 B	0.05 B	5.0 B	0.079 B	0.054 B	0.19 B	0.22 B	0.037 B
Nickel	0.20	0.0063 J	ND < 0.010 U	0.0079 J	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.0067 J	0.016	0.0044 J	ND < 0.010 U	0.0014 J	0.0029 J	0.0037 J	0.0064 J
Potassium	-	2.0	4.3	2.1	2.4	6.6	2.9	2.4	7.4	3.0	5.7	4.1	7.5	4.4	8.9
Selenium	0.02	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U
Silver	0.10	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U
Sodium	-	20.1	50.6	35.5	42.2	35.2 F1	97.5	425	101	42.5	364	106	299	608	1,250
Thallium	0.0005	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U
Vanadium	-	0.0022 J	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	0.0040 J	0.0059	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U
Zinc	5.0	ND < 0.010 U	0.0032 J	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.0080 J	0.041	0.019	0.011	0.29	0.13	0.071	0.033
Analyte (Method 7470A)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in milligrams per liter (mg/L)													
Mercury	0.0014	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U
Analyte (Method 7196A)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in milligrams per liter (mg/L)													
Chromium VI	0.10	-	-	-	-	-	-	-	-	-	-	ND < 0.010 U H	ND < 0.010 U	ND < 0.010 U H	6.8 H

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
µg/L = micrograms per liter
U = Analyte analyzed for, but not detected above the sample's reported quantitation limit
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 6
Groundwater Analytical Data Summary: Metals

Sample Location		TW-5A	TW-6	TW-7	TW-8	TW-9	WP-4	WP-5	WP-7	WP-8	WT-1A	WT-1B	WT-2	WT-3	WT-4
Sample Date		6/10/2019	6/7/2019	6/7/2019	6/7/2019	6/7/2019	6/11/2019	6/12/2019	6/12/2019	6/12/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019	6/11/2019
Analytes (Method 6010C)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in milligrams per liter (mg/L)													
Aluminum	-	0.078 J	0.46	0.15 J	0.080 J	0.079 J	ND < 0.20 U	2.9	ND < 0.20 U	1.3	ND < 0.20 U	ND < 0.20 U	0.65	ND < 0.20 U	0.069 J
Antimony	0.006	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U
Arsenic	0.05	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	0.0068 J	ND < 0.015 U	0.0065 J	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	ND < 0.015 U	0.0073 J
Barium	2.00	0.19	0.12	0.073	0.061	0.028	0.025	0.15	0.10	0.10	0.10	0.13	0.077	0.012	0.055
Beryllium	0.003	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U
Cadmium	0.01	ND < 0.0020 U	0.0021	0.0011 J	0.0092	0.0014 J	ND < 0.0020 U	0.00069 J	ND < 0.0020 U	0.00059 J	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U	ND < 0.0020 U
Calcium	-	57.7	195	316	179	267	162	187	165	154	158	147	120	379	201
Chromium	1.00	0.010	0.015	5.5	ND < 0.0040 U	ND < 0.0040 U	0.0033 J	0.012	ND < 0.0040 U	4.7	0.0072	0.0016 J	0.0012 J	ND < 0.0040 U	ND < 0.0040 U
Cobalt	-	0.0032 J	ND < 0.0040 U	0.0014 J	ND < 0.0040 U	0.0053	ND < 0.0040 U	0.0061	0.0015 J	0.020	0.00078 J	ND < 0.0040 U	ND < 0.0040 U	0.0017 J	ND < 0.0040 U
Copper	1.00	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.0048 J	ND < 0.010 U	0.058	0.0037 J	ND < 0.010 U	0.0031 J	0.0019 J	ND < 0.010 U
Iron	0.60	0.65	1.8 B	0.27 B	0.27 B	2.3 B	ND < 0.050 U	13.7	1.5	22.7	1.7	0.31	ND < 0.050 U	2.3	2.8
Lead	0.050	ND < 0.010 U	0.0074 J	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	0.0058 J	ND < 0.010 U	0.0050 J	0.0030 J	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U
Magnesium	35.0	16.6	49.9	118	73.1	75.8	45.5	50.8	41.2	41.1	41.7	31.5	ND < 0.20 U	110	64.3
Manganese	0.60	1.6	0.16 B	0.11 B	0.095 B	1.2 B	0.036	1.1	0.58	2.1	1.6	0.32	ND < 0.0030 U	1.8	1.8
Nickel	0.20	0.0046 J	0.0030 J	0.0062 J	0.0039 J	0.0096 J	0.0044 J	0.011	0.0024 J	0.54	0.019	0.0023 J	0.042	0.016	ND < 0.010 U
Potassium	-	1.6	6.4	8.5	4.9	2.4	2.6	3.1	0.73	1.2	1.4	1.7	11.3	9.4	6.5
Selenium	0.02	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U	ND < 0.025 U
Silver	0.10	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U	ND < 0.0060 U
Sodium	-	406	648	1,040	161	36.2	110	105	45.6	13.2	93.7	88.0	35.2	109	168
Thallium	0.0005	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U	ND < 0.020 U
Vanadium	-	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	0.0064	ND < 0.0050 U	0.026	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U	ND < 0.0050 U
Zinc	5.0	0.018	0.0049 J	0.0024 J	0.0082 J	ND < 0.010 U	ND < 0.010 U	0.0074 J	ND < 0.010 U	0.0095 J	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U	ND < 0.010 U
Analyte (Method 7470A)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in milligrams per liter (mg/L)													
Mercury	0.0014	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U	ND < 0.00020 U
Analyte (Method 7196A)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in milligrams per liter (mg/L)													
Chromium VI	0.10	-	0.0075 J H	5.3 H	ND < 0.010 U H	ND < 0.010 U F1	-	-	-	-	-	-	-	-	-

NOTES:
Bold values indicate analytical result exceeds TOGS 1.1.1 WQS
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
µg/L = micrograms per liter
U = Analyte analyzed for, but not detected above the sample's reported quantitation limit
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits



Table 7

Groundwater Analytical Data Summary: Perfluoroalkyl and Polyfluoroalkyl Substances

Sample Location		MW-7	RFI-25
Sample Date		6/6/2019	6/13/2019
Analytes (Method 537 [Modified] PFC IDA)	TOGS 1.1.1 WQS (ug/L)	Concentrations reported in nanograms per liter (ng/L)	
Perfluorobutanoic acid (PFBA)	-	ND < 8.3 U	6.0 J
Perfluoropentanoic acid (PFPeA)	-	ND < 8.3 U	5.0 J
Perfluorohexanoic acid (PFHxA)	-	ND < 8.3 U	4.0 J
Perfluoroheptanoic acid (PFHpA)	-	ND < 8.3 U F2	ND < 8.8 U
Perfluorooctanoic acid (PFOA)	-	ND < 8.3 U	6.0 J
Perfluorononanoic acid (PFNA)	-	ND < 8.3 U	ND < 8.8 U
Perfluorodecanoic acid (PFDA)	-	ND < 8.3 U	ND < 8.8 U
Perfluoroundecanoic acid (PFUnA)	-	ND < 8.3 U	ND < 8.8 U
Perfluorododecanoic acid (PFDoA)	-	ND < 8.3 U	ND < 8.8 U
Perfluorotridecanoic acid (PFTrIA)	-	ND < 8.3 U	ND < 8.8 U
Perfluorotetradecanoic acid (PFTeA)	-	ND < 8.3 U	ND < 8.8 U
Perfluorobutane Sulfonate (PFBS)	-	5.7 J F2 F1 *	ND < 8.8 U*
Perfluorohexane sulfonate (PFHxS)	-	ND < 8.3 U	16
Perfluoroheptane sulfonic acid (PFHpS)	-	ND < 8.3 U F1	ND < 8.8 U
Perfluorooctane sulphonic acid (PFOS)	-	ND < 8.3 U	88
Perfluorodecane sulfonic acid (PFDS)	-	ND < 8.3 U	ND < 8.8 U
Perfluorooctane Sulfonamide (PFOSA)	-	ND < 8.3 U	ND < 44 U
N-METHYL PERFLUOROOCTANE SULFONAMIDOACETIC ACID	-	ND < 83 U	ND < 88 U
N-ETHYL PERFLUOROOCTANE SULFONAMIDOACETIC ACID	-	ND < 83 U F2	ND < 88 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	-	ND < 83 U F2 F1	ND < 88 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	-	ND < 83 U F2	ND < 88 U

NOTES:
TOGS 1.1.1 WQS = Ambient Water Quality Standards Guidance Values and Groundwater Effluent Limitations, amended April 2000
µg/L = micrograms per liter
- = no published regulatory standard
J = Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample or Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
B = An analyte identified in method blank (B), aqueous equipment (EB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results.
NA = not analyzed
J+/- = Sample likely to have a high/low bias, respectively
F1 = Matrix Spike and or Matrix Spike Duplicate Recovery is outside acceptance limits
F2 = Matrix Spike/Matrix Spike Duplicate Relative Percent Difference exceeds control limits
* = Isotope dilution analyte is outside acceptance limits; laboratory control sample or laboratory control sample duplicate is outside acceptance limits

Appendix A – Category B Laboratory Analytical Reports

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

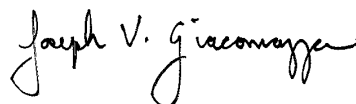
Laboratory Job ID: 480-154653-1

Client Project/Site: Altech Specialty Steel #907022

For:

New York State D.E.C.
270 Michigan Avenue
Buffalo, New York 14203

Attn: Mr. Maurice Moore



Authorized for release by:
6/30/2019 1:50:07 PM

Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

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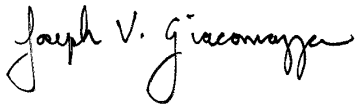
www.testamericainc.com

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.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
6/30/2019 1:50:07 PM



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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.
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
F1	MS and/or MSD Recovery is outside acceptance limits.
F3	Duplicate RPD exceeds the control limit
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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)

Case Narrative

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Job ID: 480-154653-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-154653-1

Comments

No additional comments.

Receipt

The samples were received on 6/7/2019 5:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 12 coolers at receipt time were 1.8° C, 1.9° C, 2.0° C, 2.0° C, 2.2° C, 2.4° C, 2.6° C, 2.7° C, 2.8° C, 3.1° C, 3.3° C and 3.5° C.

Receipt Exceptions

Logged Out of hold/Hex.

The following samples were submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): MW-8 (480-154653-17)

GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: RFI-26 (480-154653-1) and RFI-31 (480-154653-2). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-477865 recovered outside acceptance criteria, low biased, for Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: RFI-26 (480-154653-1), RFI-31 (480-154653-2), RFI-34 (480-154653-3), RFI-35 (480-154653-4), RFI-36 (480-154653-5), TW-6 (480-154653-6), TW-7 (480-154653-7), TW-8 (480-154653-8), TW-12 (480-154653-9), TW-14 (480-154653-10), TW-15 (480-154653-11), MW-7 (480-154653-12), RFI-05A (480-154653-13), DUP-060719-1 (480-154653-14) and TW-9 (480-154653-15).

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) precision for 3,3'-Dichlorobenzidine for preparation batch 480-477313 and analytical batch 480-477865 was outside control limits. Sample matrix interference and/or non-homogeneity is suspected. 3,3'-Dichlorobenzidine is a poor performing analyte.

Method(s) 8270D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-8 (480-154653-17). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-478204 recovered above the upper control limit for 4-Chloroaniline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: MW-8 (480-154653-17).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-478132 recovered outside acceptance criteria, low biased, for Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following sample is impacted: TW-13 (480-154653-16).

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

GC Semi VOA

Method(s) 608, 608.3: Surrogate recovery for the following sample was outside control limits: MW-8 (480-154653-17). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 608.3: The following sample was diluted due to the nature of the sample matrix: MW-8 (480-154653-17). Elevated reporting limits (RLs) are provided.

Case Narrative

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Job ID: 480-154653-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

Method(s) 608.3: All primary data for analytical batch 477462 is reported from the ZB-35 column.

Method(s) 608.3: All primary data for analytical batch 477157 is reported from the RTX-CLPI column.

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

Method(s) 7196A: The following samples were analyzed outside of analytical holding time due to samples being distributed to the laboratory after Hold time expired TW-6 (480-154653-6), TW-7 (480-154653-7), TW-8 (480-154653-8), TW-12 (480-154653-9), TW-14 (480-154653-10) and TW-15 (480-154653-11).

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

Organic Prep

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

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-26

Lab Sample ID: 480-154653-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1700		20	16	ug/L	20		8260C	Total/NA
Cyclohexane	7.8	J	20	3.6	ug/L	20		8260C	Total/NA
Methylene Chloride	10	J	20	8.8	ug/L	20		8260C	Total/NA
Trichloroethene	1200		20	9.2	ug/L	20		8260C	Total/NA
Di-n-butyl phthalate	0.50	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.49	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.5	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.030		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	156		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	1.4	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	86.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.23	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	50.6		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0032	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-31

Lab Sample ID: 480-154653-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	390		20	16	ug/L	20		8260C	Total/NA
Methylene Chloride	10	J	20	8.8	ug/L	20		8260C	Total/NA
trans-1,2-Dichloroethene	72		20	18	ug/L	20		8260C	Total/NA
Trichloroethene	1300		20	9.2	ug/L	20		8260C	Total/NA
Vinyl chloride	36		20	18	ug/L	20		8260C	Total/NA
Fluorene	0.52	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.5	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	1.1		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.076		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	214		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0018	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0021	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	4.9	B	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0035	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	62.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.18	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0067	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	425		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0040	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0080	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-34

Lab Sample ID: 480-154653-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.9	J	10	3.0	ug/L	1		8260C	Total/NA
Benzene	34		1.0	0.41	ug/L	1		8260C	Total/NA
Carbon disulfide	0.68	J	1.0	0.19	ug/L	1		8260C	Total/NA
Cyclohexane	4.1		1.0	0.18	ug/L	1		8260C	Total/NA
Isopropylbenzene	0.80	J	1.0	0.79	ug/L	1		8260C	Total/NA
Methylcyclohexane	1.2		1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	1.6		1.0	0.46	ug/L	1		8260C	Total/NA
Anthracene	0.31	J	5.0	0.28	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-34 (Continued)

Lab Sample ID: 480-154653-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.55	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	0.63	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	3.1	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Phenol	0.78	J	5.0	0.39	ug/L	1		8270D	Total/NA
Aluminum	3.1		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.28		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	69.8		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.014		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0022	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0092	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	5.8	B	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.015		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	22.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.050	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.016		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	101		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0059		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.041		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-35

Lab Sample ID: 480-154653-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.47	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.48	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.4	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.92		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.40		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	122		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0016	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0014	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	1.6	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	29.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	5.0	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0044	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	42.5		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.019		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-36

Lab Sample ID: 480-154653-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.53	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.5	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.14		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	67.1		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.78	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	22.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.079	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	5.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	364		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.011		0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-6

Lab Sample ID: 480-154653-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.28	J	5.0	0.28	ug/L	1		8270D	Total/NA
Fluorene	0.49	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.3	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.46		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.12		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0021		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	195		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.015		0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	1.8	B	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0074	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	49.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.16	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0030	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	6.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	648		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0049	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Chromium, hexavalent	0.0075	J H	0.010	0.0050	mg/L	1		7196A	Total/NA

Client Sample ID: TW-7

Lab Sample ID: 480-154653-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.48	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.3	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.15	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.073		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0011	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	316		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	5.5		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0014	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	0.27	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	118		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.11	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0062	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1040		5.0	1.6	mg/L	5		6010C	Total/NA
Zinc	0.0024	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Chromium, hexavalent	5.3	H	0.25	0.13	mg/L	25		7196A	Total/NA

Client Sample ID: TW-8

Lab Sample ID: 480-154653-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.31	J	5.0	0.28	ug/L	1		8270D	Total/NA
Fluoranthene	0.46	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	0.58	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.9	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.080	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.061		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0092		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	179		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.27	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	73.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.095	B	0.0030	0.00040	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-8 (Continued)

Lab Sample ID: 480-154653-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0039	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	4.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	161		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0082	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TW-12

Lab Sample ID: 480-154653-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.55	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.7	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.053		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00051	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	222		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.57	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	71.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.054	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0014	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	4.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	106		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.29		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TW-14

Lab Sample ID: 480-154653-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.53	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.51	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.5	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.098	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.77		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	340		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.25	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	95.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.22	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0037	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	4.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	608		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.071		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TW-15

Lab Sample ID: 480-154653-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.52	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.5	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Arsenic	0.0084	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.069		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00068	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	423		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	7.8		0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.14	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	154		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.037	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0064	J	0.010	0.0013	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-15 (Continued)

Lab Sample ID: 480-154653-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	8.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1250		5.0	1.6	mg/L	5		6010C	Total/NA
Zinc	0.033		0.010	0.0015	mg/L	1		6010C	Total/NA
Chromium, hexavalent	6.8	H	0.25	0.13	mg/L	25		7196A	Total/NA

Client Sample ID: MW-7

Lab Sample ID: 480-154653-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.8	F1 F2	1.0	0.81	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.2		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	4.4		1.0	0.46	ug/L	1		8260C	Total/NA
Fluoranthene	0.43	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	0.47	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.3	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	24.5	F1	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.012	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.32		0.0020	0.00070	mg/L	1		6010C	Total/NA
Beryllium	0.0011	J	0.0020	0.00030	mg/L	1		6010C	Total/NA
Cadmium	0.0018	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	233		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.077		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.017		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.15		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	28.2	B F1	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.53		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	43.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.89	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.11		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	36.8		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.038		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.30		0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00012	J	0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: RFI-05A

Lab Sample ID: 480-154653-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.32	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.39	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	1.9	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.14	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	154		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.15	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	38.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.15	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	1.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	13.6		1.0	0.32	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: DUP-060719-1

Lab Sample ID: 480-154653-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	15		1.0	0.81	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	3.4		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	3.5		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	1.7		1.0	0.90	ug/L	1		8260C	Total/NA
Fluoranthene	0.45	J	5.0	0.40	ug/L	1		8270D	Total/NA
Fluorene	0.56	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.6	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	1.1		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.082		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00068	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	186		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0063		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0010	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.014		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.4	B	0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.032		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	40.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.17	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.014		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	60.6		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0034	J	0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.048		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TW-9

Lab Sample ID: 480-154653-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.51	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.6	J B	5.0	0.44	ug/L	1		8270D	Total/NA
4,4'-DDT	0.018	J	0.049	0.011	ug/L	1		608.3	Total/NA
Aluminum	0.079	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0068	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.028		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.0014	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	267		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0053		0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	2.3	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	75.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.2	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0096	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	36.2		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: TW-13

Lab Sample ID: 480-154653-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.57	J B	5.2	0.38	ug/L	1		8270D	Total/NA
Phenanthrene	2.8	J B	5.2	0.46	ug/L	1		8270D	Total/NA
Aluminum	0.14	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.055		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	455		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	2.2	B	0.050	0.019	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-13 (Continued)

Lab Sample ID: 480-154653-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	170		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.19	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0029	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	7.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	299		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.13		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: MW-8

Lab Sample ID: 480-154653-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pentachlorophenol	64		50	11	ug/L	5		8270D	Total/NA
Phenanthrene	2.3	J B	25	2.2	ug/L	5		8270D	Total/NA
Aluminum	0.090	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.065		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	50.8		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.61	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	6.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.051	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	2.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	196		1.0	0.32	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-26

Lab Sample ID: 480-154653-1

Date Collected: 06/06/19 12:40

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			06/08/19 14:21	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			06/08/19 14:21	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			06/08/19 14:21	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			06/08/19 14:21	20
1,1-Dichloroethane	ND		20	7.6	ug/L			06/08/19 14:21	20
1,1-Dichloroethene	ND		20	5.8	ug/L			06/08/19 14:21	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			06/08/19 14:21	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			06/08/19 14:21	20
1,2-Dichlorobenzene	ND		20	16	ug/L			06/08/19 14:21	20
1,2-Dichloroethane	ND		20	4.2	ug/L			06/08/19 14:21	20
1,2-Dichloropropane	ND		20	14	ug/L			06/08/19 14:21	20
1,3-Dichlorobenzene	ND		20	16	ug/L			06/08/19 14:21	20
1,4-Dichlorobenzene	ND		20	17	ug/L			06/08/19 14:21	20
2-Butanone (MEK)	ND		200	26	ug/L			06/08/19 14:21	20
2-Hexanone	ND		100	25	ug/L			06/08/19 14:21	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			06/08/19 14:21	20
Acetone	ND		200	60	ug/L			06/08/19 14:21	20
Benzene	ND		20	8.2	ug/L			06/08/19 14:21	20
Bromodichloromethane	ND		20	7.8	ug/L			06/08/19 14:21	20
Bromoform	ND		20	5.2	ug/L			06/08/19 14:21	20
Bromomethane	ND		20	14	ug/L			06/08/19 14:21	20
Carbon disulfide	ND		20	3.8	ug/L			06/08/19 14:21	20
Carbon tetrachloride	ND		20	5.4	ug/L			06/08/19 14:21	20
Chlorobenzene	ND		20	15	ug/L			06/08/19 14:21	20
Dibromochloromethane	ND		20	6.4	ug/L			06/08/19 14:21	20
Chloroethane	ND		20	6.4	ug/L			06/08/19 14:21	20
Chloroform	ND		20	6.8	ug/L			06/08/19 14:21	20
Chloromethane	ND		20	7.0	ug/L			06/08/19 14:21	20
cis-1,2-Dichloroethene	1700		20	16	ug/L			06/08/19 14:21	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			06/08/19 14:21	20
Cyclohexane	7.8 J		20	3.6	ug/L			06/08/19 14:21	20
Dichlorodifluoromethane	ND		20	14	ug/L			06/08/19 14:21	20
Ethylbenzene	ND		20	15	ug/L			06/08/19 14:21	20
1,2-Dibromoethane	ND		20	15	ug/L			06/08/19 14:21	20
Isopropylbenzene	ND		20	16	ug/L			06/08/19 14:21	20
Methyl acetate	ND		50	26	ug/L			06/08/19 14:21	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			06/08/19 14:21	20
Methylcyclohexane	ND		20	3.2	ug/L			06/08/19 14:21	20
Methylene Chloride	10 J		20	8.8	ug/L			06/08/19 14:21	20
Styrene	ND		20	15	ug/L			06/08/19 14:21	20
Tetrachloroethene	ND		20	7.2	ug/L			06/08/19 14:21	20
Toluene	ND		20	10	ug/L			06/08/19 14:21	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			06/08/19 14:21	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			06/08/19 14:21	20
Trichloroethene	1200		20	9.2	ug/L			06/08/19 14:21	20
Trichlorofluoromethane	ND		20	18	ug/L			06/08/19 14:21	20
Vinyl chloride	ND		20	18	ug/L			06/08/19 14:21	20
Xylenes, Total	ND		40	13	ug/L			06/08/19 14:21	20

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-26

Lab Sample ID: 480-154653-1

Date Collected: 06/06/19 12:40

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 14:21	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120					06/08/19 14:21	20
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					06/08/19 14:21	20
4-Bromofluorobenzene (Surr)	91		73 - 120					06/08/19 14:21	20
Dibromofluoromethane (Surr)	96		75 - 123					06/08/19 14:21	20

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/14/19 19:24	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/14/19 19:24	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 19:24	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/14/19 19:24	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 19:24	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/14/19 19:24	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 19:24	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 19:24	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 19:24	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 19:24	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/14/19 19:24	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 19:24	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/14/19 19:24	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/14/19 19:24	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 19:24	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 19:24	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/14/19 19:24	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 19:24	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 19:24	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 19:24	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 19:24	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 19:24	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/14/19 19:24	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/14/19 19:24	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/14/19 19:24	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/14/19 19:24	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/14/19 19:24	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 19:24	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/14/19 19:24	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 19:24	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/14/19 19:24	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 19:24	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 19:24	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 19:24	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 19:24	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/14/19 19:24	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 19:24	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 19:24	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 19:24	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/14/19 19:24	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-26

Lab Sample ID: 480-154653-1

Date Collected: 06/06/19 12:40

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 19:24	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/14/19 19:24	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/14/19 19:24	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/14/19 19:24	1
Di-n-butyl phthalate	0.50	J	5.0	0.31	ug/L		06/12/19 06:45	06/14/19 19:24	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 19:24	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/14/19 19:24	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/14/19 19:24	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 19:24	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 19:24	1
Fluorene	0.49	J B	5.0	0.36	ug/L		06/12/19 06:45	06/14/19 19:24	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 19:24	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/14/19 19:24	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 19:24	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 19:24	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 19:24	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/14/19 19:24	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 19:24	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 19:24	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/14/19 19:24	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/14/19 19:24	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 19:24	1
Phenanthrene	2.5	J B	5.0	0.44	ug/L		06/12/19 06:45	06/14/19 19:24	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/14/19 19:24	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	86		46 - 120	06/12/19 06:45	06/14/19 19:24	1
Phenol-d5 (Surr)	55		22 - 120	06/12/19 06:45	06/14/19 19:24	1
p-Terphenyl-d14 (Surr)	83		59 - 136	06/12/19 06:45	06/14/19 19:24	1
2,4,6-Tribromophenol (Surr)	78		41 - 120	06/12/19 06:45	06/14/19 19:24	1
2-Fluorobiphenyl	96		48 - 120	06/12/19 06:45	06/14/19 19:24	1
2-Fluorophenol (Surr)	72		35 - 120	06/12/19 06:45	06/14/19 19:24	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.049	0.0079	ug/L		06/11/19 07:42	06/11/19 16:13	1
alpha-BHC	ND		0.049	0.0075	ug/L		06/11/19 07:42	06/11/19 16:13	1
beta-BHC	ND		0.049	0.024	ug/L		06/11/19 07:42	06/11/19 16:13	1
delta-BHC	ND		0.049	0.0098	ug/L		06/11/19 07:42	06/11/19 16:13	1
gamma-BHC (Lindane)	ND		0.049	0.0078	ug/L		06/11/19 07:42	06/11/19 16:13	1
Chlordane (technical)	ND		0.49	0.28	ug/L		06/11/19 07:42	06/11/19 16:13	1
4,4'-DDD	ND		0.049	0.0090	ug/L		06/11/19 07:42	06/11/19 16:13	1
4,4'-DDE	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 16:13	1
4,4'-DDT	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 16:13	1
Dieldrin	ND		0.049	0.0096	ug/L		06/11/19 07:42	06/11/19 16:13	1
Endosulfan I	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 16:13	1
Endosulfan II	ND		0.049	0.012	ug/L		06/11/19 07:42	06/11/19 16:13	1
Endosulfan sulfate	ND		0.049	0.015	ug/L		06/11/19 07:42	06/11/19 16:13	1
Endrin	ND		0.049	0.014	ug/L		06/11/19 07:42	06/11/19 16:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-26

Lab Sample ID: 480-154653-1

Date Collected: 06/06/19 12:40

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.049	0.016	ug/L		06/11/19 07:42	06/11/19 16:13	1
Heptachlor	ND		0.049	0.0083	ug/L		06/11/19 07:42	06/11/19 16:13	1
Heptachlor epoxide	ND		0.049	0.0073	ug/L		06/11/19 07:42	06/11/19 16:13	1
Toxaphene	ND		0.49	0.12	ug/L		06/11/19 07:42	06/11/19 16:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		23 - 120				06/11/19 07:42	06/11/19 16:13	1
DCB Decachlorobiphenyl	68		23 - 120				06/11/19 07:42	06/11/19 16:13	1
Tetrachloro-m-xylene	81		44 - 120				06/11/19 07:42	06/11/19 16:13	1
Tetrachloro-m-xylene	71		44 - 120				06/11/19 07:42	06/11/19 16:13	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:15	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:15	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:15	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:15	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:15	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 17:15	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		36 - 121				06/11/19 15:27	06/12/19 17:15	1
DCB Decachlorobiphenyl	76		36 - 121				06/11/19 15:27	06/12/19 17:15	1
Tetrachloro-m-xylene	83		42 - 135				06/11/19 15:27	06/12/19 17:15	1
Tetrachloro-m-xylene	73		42 - 135				06/11/19 15:27	06/12/19 17:15	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/12/19 07:41	06/17/19 11:31	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 11:31	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 11:31	1
Barium	0.030		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 11:31	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 11:31	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 11:31	1
Calcium	156		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:31	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 11:31	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 11:31	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 11:31	1
Iron	1.4 B		0.050	0.019	mg/L		06/12/19 07:41	06/17/19 11:31	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 11:31	1
Magnesium	86.8		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 11:31	1
Manganese	0.23 B		0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 11:31	1
Nickel	ND		0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 11:31	1
Potassium	4.3		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:31	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 11:31	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 11:31	1
Sodium	50.6		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 11:31	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 11:31	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 11:31	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-26

Lab Sample ID: 480-154653-1

Date Collected: 06/06/19 12:40

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0032	J	0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 12:24	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 14:51	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-31

Lab Sample ID: 480-154653-2

Date Collected: 06/06/19 16:40

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			06/08/19 14:45	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			06/08/19 14:45	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			06/08/19 14:45	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			06/08/19 14:45	20
1,1-Dichloroethane	ND		20	7.6	ug/L			06/08/19 14:45	20
1,1-Dichloroethene	ND		20	5.8	ug/L			06/08/19 14:45	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			06/08/19 14:45	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			06/08/19 14:45	20
1,2-Dichlorobenzene	ND		20	16	ug/L			06/08/19 14:45	20
1,2-Dichloroethane	ND		20	4.2	ug/L			06/08/19 14:45	20
1,2-Dichloropropane	ND		20	14	ug/L			06/08/19 14:45	20
1,3-Dichlorobenzene	ND		20	16	ug/L			06/08/19 14:45	20
1,4-Dichlorobenzene	ND		20	17	ug/L			06/08/19 14:45	20
2-Butanone (MEK)	ND		200	26	ug/L			06/08/19 14:45	20
2-Hexanone	ND		100	25	ug/L			06/08/19 14:45	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			06/08/19 14:45	20
Acetone	ND		200	60	ug/L			06/08/19 14:45	20
Benzene	ND		20	8.2	ug/L			06/08/19 14:45	20
Bromodichloromethane	ND		20	7.8	ug/L			06/08/19 14:45	20
Bromoform	ND		20	5.2	ug/L			06/08/19 14:45	20
Bromomethane	ND		20	14	ug/L			06/08/19 14:45	20
Carbon disulfide	ND		20	3.8	ug/L			06/08/19 14:45	20
Carbon tetrachloride	ND		20	5.4	ug/L			06/08/19 14:45	20
Chlorobenzene	ND		20	15	ug/L			06/08/19 14:45	20
Dibromochloromethane	ND		20	6.4	ug/L			06/08/19 14:45	20
Chloroethane	ND		20	6.4	ug/L			06/08/19 14:45	20
Chloroform	ND		20	6.8	ug/L			06/08/19 14:45	20
Chloromethane	ND		20	7.0	ug/L			06/08/19 14:45	20
cis-1,2-Dichloroethene	390		20	16	ug/L			06/08/19 14:45	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			06/08/19 14:45	20
Cyclohexane	ND		20	3.6	ug/L			06/08/19 14:45	20
Dichlorodifluoromethane	ND		20	14	ug/L			06/08/19 14:45	20
Ethylbenzene	ND		20	15	ug/L			06/08/19 14:45	20
1,2-Dibromoethane	ND		20	15	ug/L			06/08/19 14:45	20
Isopropylbenzene	ND		20	16	ug/L			06/08/19 14:45	20
Methyl acetate	ND		50	26	ug/L			06/08/19 14:45	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			06/08/19 14:45	20
Methylcyclohexane	ND		20	3.2	ug/L			06/08/19 14:45	20
Methylene Chloride	10 J		20	8.8	ug/L			06/08/19 14:45	20
Styrene	ND		20	15	ug/L			06/08/19 14:45	20
Tetrachloroethene	ND		20	7.2	ug/L			06/08/19 14:45	20
Toluene	ND		20	10	ug/L			06/08/19 14:45	20
trans-1,2-Dichloroethene	72		20	18	ug/L			06/08/19 14:45	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			06/08/19 14:45	20
Trichloroethene	1300		20	9.2	ug/L			06/08/19 14:45	20
Trichlorofluoromethane	ND		20	18	ug/L			06/08/19 14:45	20
Vinyl chloride	36		20	18	ug/L			06/08/19 14:45	20
Xylenes, Total	ND		40	13	ug/L			06/08/19 14:45	20

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-31

Lab Sample ID: 480-154653-2

Date Collected: 06/06/19 16:40

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 14:45	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120					06/08/19 14:45	20
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					06/08/19 14:45	20
4-Bromofluorobenzene (Surr)	95		73 - 120					06/08/19 14:45	20
Dibromofluoromethane (Surr)	95		75 - 123					06/08/19 14:45	20

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/14/19 19:54	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/14/19 19:54	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 19:54	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/14/19 19:54	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 19:54	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/14/19 19:54	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 19:54	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 19:54	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 19:54	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 19:54	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/14/19 19:54	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 19:54	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/14/19 19:54	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/14/19 19:54	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 19:54	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 19:54	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/14/19 19:54	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 19:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 19:54	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 19:54	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 19:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 19:54	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/14/19 19:54	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/14/19 19:54	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/14/19 19:54	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/14/19 19:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/14/19 19:54	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 19:54	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/14/19 19:54	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 19:54	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/14/19 19:54	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 19:54	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 19:54	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 19:54	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 19:54	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/14/19 19:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 19:54	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 19:54	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 19:54	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/14/19 19:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-31

Lab Sample ID: 480-154653-2

Date Collected: 06/06/19 16:40

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 19:54	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/14/19 19:54	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/14/19 19:54	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/14/19 19:54	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:45	06/14/19 19:54	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 19:54	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/14/19 19:54	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/14/19 19:54	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 19:54	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 19:54	1
Fluorene	0.52	J B	5.0	0.36	ug/L		06/12/19 06:45	06/14/19 19:54	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 19:54	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/14/19 19:54	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 19:54	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 19:54	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 19:54	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/14/19 19:54	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 19:54	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 19:54	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/14/19 19:54	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/14/19 19:54	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 19:54	1
Phenanthrene	2.5	J B	5.0	0.44	ug/L		06/12/19 06:45	06/14/19 19:54	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/14/19 19:54	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	82		46 - 120	06/12/19 06:45	06/14/19 19:54	1
Phenol-d5 (Surr)	49		22 - 120	06/12/19 06:45	06/14/19 19:54	1
p-Terphenyl-d14 (Surr)	77		59 - 136	06/12/19 06:45	06/14/19 19:54	1
2,4,6-Tribromophenol (Surr)	94		41 - 120	06/12/19 06:45	06/14/19 19:54	1
2-Fluorobiphenyl	94		48 - 120	06/12/19 06:45	06/14/19 19:54	1
2-Fluorophenol (Surr)	65		35 - 120	06/12/19 06:45	06/14/19 19:54	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0077	ug/L		06/11/19 07:42	06/11/19 16:32	1
alpha-BHC	ND		0.048	0.0073	ug/L		06/11/19 07:42	06/11/19 16:32	1
beta-BHC	ND		0.048	0.024	ug/L		06/11/19 07:42	06/11/19 16:32	1
delta-BHC	ND		0.048	0.0095	ug/L		06/11/19 07:42	06/11/19 16:32	1
gamma-BHC (Lindane)	ND		0.048	0.0076	ug/L		06/11/19 07:42	06/11/19 16:32	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/11/19 07:42	06/11/19 16:32	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/11/19 07:42	06/11/19 16:32	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 16:32	1
4,4'-DDT	ND		0.048	0.010	ug/L		06/11/19 07:42	06/11/19 16:32	1
Dieldrin	ND		0.048	0.0093	ug/L		06/11/19 07:42	06/11/19 16:32	1
Endosulfan I	ND		0.048	0.010	ug/L		06/11/19 07:42	06/11/19 16:32	1
Endosulfan II	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 16:32	1
Endosulfan sulfate	ND		0.048	0.015	ug/L		06/11/19 07:42	06/11/19 16:32	1
Endrin	ND		0.048	0.013	ug/L		06/11/19 07:42	06/11/19 16:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-31

Lab Sample ID: 480-154653-2

Date Collected: 06/06/19 16:40

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/11/19 07:42	06/11/19 16:32	1
Heptachlor	ND		0.048	0.0081	ug/L		06/11/19 07:42	06/11/19 16:32	1
Heptachlor epoxide	ND		0.048	0.0070	ug/L		06/11/19 07:42	06/11/19 16:32	1
Toxaphene	ND		0.48	0.11	ug/L		06/11/19 07:42	06/11/19 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		23 - 120				06/11/19 07:42	06/11/19 16:32	1
DCB Decachlorobiphenyl	61		23 - 120				06/11/19 07:42	06/11/19 16:32	1
Tetrachloro-m-xylene	80		44 - 120				06/11/19 07:42	06/11/19 16:32	1
Tetrachloro-m-xylene	66		44 - 120				06/11/19 07:42	06/11/19 16:32	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:28	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:28	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:28	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:28	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:28	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 17:28	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		36 - 121				06/11/19 15:27	06/12/19 17:28	1
DCB Decachlorobiphenyl	69		36 - 121				06/11/19 15:27	06/12/19 17:28	1
Tetrachloro-m-xylene	87		42 - 135				06/11/19 15:27	06/12/19 17:28	1
Tetrachloro-m-xylene	68		42 - 135				06/11/19 15:27	06/12/19 17:28	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.1		0.20	0.060	mg/L		06/12/19 07:41	06/17/19 11:35	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 11:35	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 11:35	1
Barium	0.076		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 11:35	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 11:35	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 11:35	1
Calcium	214		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:35	1
Chromium	0.0018	J	0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 11:35	1
Cobalt	0.0021	J	0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 11:35	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 11:35	1
Iron	4.9	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 11:35	1
Lead	0.0035	J	0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 11:35	1
Magnesium	62.0		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 11:35	1
Manganese	0.18	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 11:35	1
Nickel	0.0067	J	0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 11:35	1
Potassium	2.4		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:35	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 11:35	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 11:35	1
Sodium	425		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 11:35	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 11:35	1
Vanadium	0.0040	J	0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 11:35	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-31

Lab Sample ID: 480-154653-2

Date Collected: 06/06/19 16:40

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0080	J	0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 12:27	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 14:53	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-34

Lab Sample ID: 480-154653-3

Date Collected: 06/06/19 12:45

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 15:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 15:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 15:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 15:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 15:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 15:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 15:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 15:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 15:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 15:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 15:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 15:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 15:09	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 15:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 15:09	1
Acetone	4.9	J	10	3.0	ug/L			06/08/19 15:09	1
Benzene	34		1.0	0.41	ug/L			06/08/19 15:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 15:09	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 15:09	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 15:09	1
Carbon disulfide	0.68	J	1.0	0.19	ug/L			06/08/19 15:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 15:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 15:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 15:09	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 15:09	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 15:09	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 15:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 15:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 15:09	1
Cyclohexane	4.1		1.0	0.18	ug/L			06/08/19 15:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 15:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 15:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 15:09	1
Isopropylbenzene	0.80	J	1.0	0.79	ug/L			06/08/19 15:09	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 15:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 15:09	1
Methylcyclohexane	1.2		1.0	0.16	ug/L			06/08/19 15:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 15:09	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 15:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 15:09	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 15:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 15:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 15:09	1
Trichloroethene	1.6		1.0	0.46	ug/L			06/08/19 15:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 15:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 15:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 15:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-34

Lab Sample ID: 480-154653-3

Date Collected: 06/06/19 12:45

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Butane, 2-methyl-	51	T J N	ug/L		1.75	78-78-4		06/08/19 15:09	1
Unknown	11	T J	ug/L		1.93			06/08/19 15:09	1
Unknown	3.2	T J	ug/L		2.73			06/08/19 15:09	1
Cyclopentane	5.7	T J N	ug/L		2.79	287-92-3		06/08/19 15:09	1
Unknown	5.4	T J	ug/L		2.96			06/08/19 15:09	1
Cyclopentane, methyl-	3.4	T J N	ug/L		3.67	96-37-7		06/08/19 15:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120					06/08/19 15:09	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					06/08/19 15:09	1
4-Bromofluorobenzene (Surr)	93		73 - 120					06/08/19 15:09	1
Dibromofluoromethane (Surr)	100		75 - 123					06/08/19 15:09	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/14/19 20:23	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/14/19 20:23	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 20:23	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/14/19 20:23	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 20:23	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/14/19 20:23	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 20:23	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 20:23	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 20:23	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 20:23	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/14/19 20:23	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 20:23	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/14/19 20:23	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/14/19 20:23	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 20:23	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 20:23	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/14/19 20:23	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 20:23	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 20:23	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 20:23	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 20:23	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 20:23	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/14/19 20:23	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/14/19 20:23	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/14/19 20:23	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/14/19 20:23	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/14/19 20:23	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 20:23	1
Anthracene	0.31	J	5.0	0.28	ug/L		06/12/19 06:45	06/14/19 20:23	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 20:23	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/14/19 20:23	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 20:23	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 20:23	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 20:23	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 20:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-34

Lab Sample ID: 480-154653-3

Date Collected: 06/06/19 12:45

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/14/19 20:23	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 20:23	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 20:23	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 20:23	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/14/19 20:23	1
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 20:23	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/14/19 20:23	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/14/19 20:23	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/14/19 20:23	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:45	06/14/19 20:23	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 20:23	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/14/19 20:23	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/14/19 20:23	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 20:23	1
Fluoranthene	0.55	J	5.0	0.40	ug/L		06/12/19 06:45	06/14/19 20:23	1
Fluorene	0.63	J B	5.0	0.36	ug/L		06/12/19 06:45	06/14/19 20:23	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 20:23	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/14/19 20:23	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 20:23	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 20:23	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 20:23	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/14/19 20:23	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 20:23	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 20:23	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/14/19 20:23	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/14/19 20:23	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 20:23	1
Phenanthrene	3.1	J B	5.0	0.44	ug/L		06/12/19 06:45	06/14/19 20:23	1
Phenol	0.78	J	5.0	0.39	ug/L		06/12/19 06:45	06/14/19 20:23	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	86		46 - 120	06/12/19 06:45	06/14/19 20:23	1
Phenol-d5 (Surr)	50		22 - 120	06/12/19 06:45	06/14/19 20:23	1
p-Terphenyl-d14 (Surr)	71		59 - 136	06/12/19 06:45	06/14/19 20:23	1
2,4,6-Tribromophenol (Surr)	91		41 - 120	06/12/19 06:45	06/14/19 20:23	1
2-Fluorobiphenyl	94		48 - 120	06/12/19 06:45	06/14/19 20:23	1
2-Fluorophenol (Surr)	68		35 - 120	06/12/19 06:45	06/14/19 20:23	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0077	ug/L		06/11/19 07:42	06/11/19 16:52	1
alpha-BHC	ND		0.048	0.0073	ug/L		06/11/19 07:42	06/11/19 16:52	1
beta-BHC	ND		0.048	0.024	ug/L		06/11/19 07:42	06/11/19 16:52	1
delta-BHC	ND		0.048	0.0095	ug/L		06/11/19 07:42	06/11/19 16:52	1
gamma-BHC (Lindane)	ND		0.048	0.0076	ug/L		06/11/19 07:42	06/11/19 16:52	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/11/19 07:42	06/11/19 16:52	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/11/19 07:42	06/11/19 16:52	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 16:52	1
4,4'-DDT	ND		0.048	0.010	ug/L		06/11/19 07:42	06/11/19 16:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-34

Lab Sample ID: 480-154653-3

Date Collected: 06/06/19 12:45

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	ND		0.048	0.0093	ug/L		06/11/19 07:42	06/11/19 16:52	1
Endosulfan I	ND		0.048	0.010	ug/L		06/11/19 07:42	06/11/19 16:52	1
Endosulfan II	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 16:52	1
Endosulfan sulfate	ND		0.048	0.015	ug/L		06/11/19 07:42	06/11/19 16:52	1
Endrin	ND		0.048	0.013	ug/L		06/11/19 07:42	06/11/19 16:52	1
Endrin aldehyde	ND		0.048	0.016	ug/L		06/11/19 07:42	06/11/19 16:52	1
Heptachlor	ND		0.048	0.0081	ug/L		06/11/19 07:42	06/11/19 16:52	1
Heptachlor epoxide	ND		0.048	0.0070	ug/L		06/11/19 07:42	06/11/19 16:52	1
Toxaphene	ND		0.48	0.11	ug/L		06/11/19 07:42	06/11/19 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		23 - 120	06/11/19 07:42	06/11/19 16:52	1
DCB Decachlorobiphenyl	48		23 - 120	06/11/19 07:42	06/11/19 16:52	1
Tetrachloro-m-xylene	86		44 - 120	06/11/19 07:42	06/11/19 16:52	1
Tetrachloro-m-xylene	69		44 - 120	06/11/19 07:42	06/11/19 16:52	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:41	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:41	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:41	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:41	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:41	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 17:41	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	36		36 - 121	06/11/19 15:27	06/12/19 17:41	1
DCB Decachlorobiphenyl	41		36 - 121	06/11/19 15:27	06/12/19 17:41	1
Tetrachloro-m-xylene	70		42 - 135	06/11/19 15:27	06/12/19 17:41	1
Tetrachloro-m-xylene	58		42 - 135	06/11/19 15:27	06/12/19 17:41	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3.1		0.20	0.060	mg/L		06/12/19 07:41	06/17/19 11:39	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 11:39	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 11:39	1
Barium	0.28		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 11:39	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 11:39	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 11:39	1
Calcium	69.8		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:39	1
Chromium	0.014		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 11:39	1
Cobalt	0.0022	J	0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 11:39	1
Copper	0.0092	J	0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 11:39	1
Iron	5.8	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 11:39	1
Lead	0.015		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 11:39	1
Magnesium	22.7		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 11:39	1
Manganese	0.050	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 11:39	1
Nickel	0.016		0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 11:39	1
Potassium	7.4		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-34

Lab Sample ID: 480-154653-3

Date Collected: 06/06/19 12:45

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 11:39	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 11:39	1
Sodium	101		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 11:39	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 11:39	1
Vanadium	0.0059		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 11:39	1
Zinc	0.041		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 12:31	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 14:54	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-35

Lab Sample ID: 480-154653-4

Date Collected: 06/06/19 11:20

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 15:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 15:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 15:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 15:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 15:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 15:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 15:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 15:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 15:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 15:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 15:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 15:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 15:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 15:34	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 15:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 15:34	1
Acetone	ND		10	3.0	ug/L			06/08/19 15:34	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 15:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 15:34	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 15:34	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 15:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 15:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 15:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 15:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 15:34	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 15:34	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 15:34	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 15:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 15:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 15:34	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 15:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 15:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 15:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 15:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 15:34	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 15:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 15:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 15:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 15:34	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 15:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 15:34	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 15:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 15:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 15:34	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 15:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 15:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 15:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 15:34	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-35

Lab Sample ID: 480-154653-4

Date Collected: 06/06/19 11:20

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	89		80 - 120					06/08/19 15:34	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					06/08/19 15:34	1
4-Bromofluorobenzene (Surr)	89		73 - 120					06/08/19 15:34	1
Dibromofluoromethane (Surr)	96		75 - 123					06/08/19 15:34	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/14/19 20:52	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/14/19 20:52	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 20:52	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/14/19 20:52	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 20:52	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/14/19 20:52	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 20:52	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 20:52	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 20:52	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 20:52	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/14/19 20:52	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 20:52	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/14/19 20:52	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/14/19 20:52	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 20:52	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 20:52	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/14/19 20:52	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 20:52	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 20:52	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 20:52	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 20:52	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 20:52	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/14/19 20:52	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/14/19 20:52	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/14/19 20:52	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/14/19 20:52	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/14/19 20:52	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 20:52	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/14/19 20:52	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 20:52	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/14/19 20:52	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 20:52	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 20:52	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 20:52	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 20:52	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/14/19 20:52	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 20:52	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 20:52	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 20:52	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/14/19 20:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-35

Lab Sample ID: 480-154653-4

Date Collected: 06/06/19 11:20

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 20:52	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/14/19 20:52	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/14/19 20:52	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/14/19 20:52	1
Di-n-butyl phthalate	0.47	J	5.0	0.31	ug/L		06/12/19 06:45	06/14/19 20:52	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 20:52	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/14/19 20:52	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/14/19 20:52	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 20:52	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 20:52	1
Fluorene	0.48	J B	5.0	0.36	ug/L		06/12/19 06:45	06/14/19 20:52	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 20:52	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/14/19 20:52	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 20:52	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 20:52	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 20:52	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/14/19 20:52	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 20:52	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 20:52	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/14/19 20:52	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/14/19 20:52	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 20:52	1
Phenanthrene	2.4	J B	5.0	0.44	ug/L		06/12/19 06:45	06/14/19 20:52	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/14/19 20:52	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	80		46 - 120	06/12/19 06:45	06/14/19 20:52	1
Phenol-d5 (Surr)	52		22 - 120	06/12/19 06:45	06/14/19 20:52	1
p-Terphenyl-d14 (Surr)	74		59 - 136	06/12/19 06:45	06/14/19 20:52	1
2,4,6-Tribromophenol (Surr)	81		41 - 120	06/12/19 06:45	06/14/19 20:52	1
2-Fluorobiphenyl	90		48 - 120	06/12/19 06:45	06/14/19 20:52	1
2-Fluorophenol (Surr)	66		35 - 120	06/12/19 06:45	06/14/19 20:52	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0077	ug/L		06/11/19 07:42	06/11/19 17:12	1
alpha-BHC	ND		0.048	0.0073	ug/L		06/11/19 07:42	06/11/19 17:12	1
beta-BHC	ND		0.048	0.024	ug/L		06/11/19 07:42	06/11/19 17:12	1
delta-BHC	ND		0.048	0.0095	ug/L		06/11/19 07:42	06/11/19 17:12	1
gamma-BHC (Lindane)	ND		0.048	0.0076	ug/L		06/11/19 07:42	06/11/19 17:12	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/11/19 07:42	06/11/19 17:12	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/11/19 07:42	06/11/19 17:12	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 17:12	1
4,4'-DDT	ND		0.048	0.010	ug/L		06/11/19 07:42	06/11/19 17:12	1
Dieldrin	ND		0.048	0.0093	ug/L		06/11/19 07:42	06/11/19 17:12	1
Endosulfan I	ND		0.048	0.010	ug/L		06/11/19 07:42	06/11/19 17:12	1
Endosulfan II	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 17:12	1
Endosulfan sulfate	ND		0.048	0.015	ug/L		06/11/19 07:42	06/11/19 17:12	1
Endrin	ND		0.048	0.013	ug/L		06/11/19 07:42	06/11/19 17:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-35

Lab Sample ID: 480-154653-4

Date Collected: 06/06/19 11:20

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/11/19 07:42	06/11/19 17:12	1
Heptachlor	ND		0.048	0.0081	ug/L		06/11/19 07:42	06/11/19 17:12	1
Heptachlor epoxide	ND		0.048	0.0070	ug/L		06/11/19 07:42	06/11/19 17:12	1
Toxaphene	ND		0.48	0.11	ug/L		06/11/19 07:42	06/11/19 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		23 - 120	06/11/19 07:42	06/11/19 17:12	1
DCB Decachlorobiphenyl	59		23 - 120	06/11/19 07:42	06/11/19 17:12	1
Tetrachloro-m-xylene	84		44 - 120	06/11/19 07:42	06/11/19 17:12	1
Tetrachloro-m-xylene	75		44 - 120	06/11/19 07:42	06/11/19 17:12	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:54	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:54	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:54	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:54	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 17:54	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 17:54	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		36 - 121	06/11/19 15:27	06/12/19 17:54	1
DCB Decachlorobiphenyl	73		36 - 121	06/11/19 15:27	06/12/19 17:54	1
Tetrachloro-m-xylene	81		42 - 135	06/11/19 15:27	06/12/19 17:54	1
Tetrachloro-m-xylene	62		42 - 135	06/11/19 15:27	06/12/19 17:54	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.92		0.20	0.060	mg/L		06/12/19 07:41	06/17/19 11:43	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 11:43	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 11:43	1
Barium	0.40		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 11:43	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 11:43	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 11:43	1
Calcium	122		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:43	1
Chromium	0.0016	J	0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 11:43	1
Cobalt	0.0014	J	0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 11:43	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 11:43	1
Iron	1.6	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 11:43	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 11:43	1
Magnesium	29.2		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 11:43	1
Manganese	5.0	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 11:43	1
Nickel	0.0044	J	0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 11:43	1
Potassium	3.0		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:43	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 11:43	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 11:43	1
Sodium	42.5		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 11:43	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 11:43	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 11:43	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-35

Lab Sample ID: 480-154653-4

Date Collected: 06/06/19 11:20

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.019		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 12:35	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 14:55	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-36

Lab Sample ID: 480-154653-5

Date Collected: 06/06/19 11:15

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 15:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 15:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 15:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 15:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 15:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 15:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 15:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 15:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 15:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 15:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 15:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 15:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 15:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 15:58	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 15:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 15:58	1
Acetone	ND		10	3.0	ug/L			06/08/19 15:58	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 15:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 15:58	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 15:58	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 15:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 15:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 15:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 15:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 15:58	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 15:58	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 15:58	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 15:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 15:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 15:58	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 15:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 15:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 15:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 15:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 15:58	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 15:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 15:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 15:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 15:58	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 15:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 15:58	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 15:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 15:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 15:58	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 15:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 15:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 15:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 15:58	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-36

Lab Sample ID: 480-154653-5

Date Collected: 06/06/19 11:15

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 15:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120					06/08/19 15:58	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					06/08/19 15:58	1
4-Bromofluorobenzene (Surr)	89		73 - 120					06/08/19 15:58	1
Dibromofluoromethane (Surr)	102		75 - 123					06/08/19 15:58	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/14/19 21:21	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/14/19 21:21	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 21:21	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/14/19 21:21	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 21:21	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/14/19 21:21	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 21:21	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 21:21	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 21:21	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 21:21	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/14/19 21:21	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 21:21	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/14/19 21:21	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/14/19 21:21	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 21:21	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 21:21	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/14/19 21:21	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 21:21	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 21:21	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 21:21	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 21:21	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 21:21	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/14/19 21:21	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/14/19 21:21	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/14/19 21:21	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/14/19 21:21	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/14/19 21:21	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 21:21	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/14/19 21:21	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 21:21	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/14/19 21:21	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 21:21	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 21:21	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 21:21	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 21:21	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/14/19 21:21	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 21:21	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 21:21	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 21:21	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/14/19 21:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-36

Lab Sample ID: 480-154653-5

Date Collected: 06/06/19 11:15

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 21:21	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/14/19 21:21	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/14/19 21:21	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/14/19 21:21	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:45	06/14/19 21:21	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 21:21	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/14/19 21:21	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/14/19 21:21	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 21:21	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 21:21	1
Fluorene	0.53	J B	5.0	0.36	ug/L		06/12/19 06:45	06/14/19 21:21	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 21:21	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/14/19 21:21	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 21:21	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 21:21	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 21:21	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/14/19 21:21	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 21:21	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 21:21	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/14/19 21:21	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/14/19 21:21	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 21:21	1
Phenanthrene	2.5	J B	5.0	0.44	ug/L		06/12/19 06:45	06/14/19 21:21	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/14/19 21:21	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	92		46 - 120	06/12/19 06:45	06/14/19 21:21	1
Phenol-d5 (Surr)	60		22 - 120	06/12/19 06:45	06/14/19 21:21	1
p-Terphenyl-d14 (Surr)	82		59 - 136	06/12/19 06:45	06/14/19 21:21	1
2,4,6-Tribromophenol (Surr)	82		41 - 120	06/12/19 06:45	06/14/19 21:21	1
2-Fluorobiphenyl	100		48 - 120	06/12/19 06:45	06/14/19 21:21	1
2-Fluorophenol (Surr)	76		35 - 120	06/12/19 06:45	06/14/19 21:21	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0078	ug/L		06/11/19 07:42	06/11/19 17:31	1
alpha-BHC	ND		0.048	0.0074	ug/L		06/11/19 07:42	06/11/19 17:31	1
beta-BHC	ND		0.048	0.024	ug/L		06/11/19 07:42	06/11/19 17:31	1
delta-BHC	ND		0.048	0.0096	ug/L		06/11/19 07:42	06/11/19 17:31	1
gamma-BHC (Lindane)	ND		0.048	0.0077	ug/L		06/11/19 07:42	06/11/19 17:31	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/11/19 07:42	06/11/19 17:31	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/11/19 07:42	06/11/19 17:31	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 17:31	1
4,4'-DDT	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 17:31	1
Dieldrin	ND		0.048	0.0094	ug/L		06/11/19 07:42	06/11/19 17:31	1
Endosulfan I	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 17:31	1
Endosulfan II	ND		0.048	0.012	ug/L		06/11/19 07:42	06/11/19 17:31	1
Endosulfan sulfate	ND		0.048	0.015	ug/L		06/11/19 07:42	06/11/19 17:31	1
Endrin	ND		0.048	0.013	ug/L		06/11/19 07:42	06/11/19 17:31	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-36

Lab Sample ID: 480-154653-5

Date Collected: 06/06/19 11:15

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/11/19 07:42	06/11/19 17:31	1
Heptachlor	ND		0.048	0.0082	ug/L		06/11/19 07:42	06/11/19 17:31	1
Heptachlor epoxide	ND		0.048	0.0071	ug/L		06/11/19 07:42	06/11/19 17:31	1
Toxaphene	ND		0.48	0.12	ug/L		06/11/19 07:42	06/11/19 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		23 - 120				06/11/19 07:42	06/11/19 17:31	1
DCB Decachlorobiphenyl	66		23 - 120				06/11/19 07:42	06/11/19 17:31	1
Tetrachloro-m-xylene	88		44 - 120				06/11/19 07:42	06/11/19 17:31	1
Tetrachloro-m-xylene	68		44 - 120				06/11/19 07:42	06/11/19 17:31	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:06	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:06	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:06	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:06	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:06	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 18:06	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		36 - 121				06/11/19 15:27	06/12/19 18:06	1
DCB Decachlorobiphenyl	84		36 - 121				06/11/19 15:27	06/12/19 18:06	1
Tetrachloro-m-xylene	93		42 - 135				06/11/19 15:27	06/12/19 18:06	1
Tetrachloro-m-xylene	72		42 - 135				06/11/19 15:27	06/12/19 18:06	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/12/19 07:41	06/17/19 11:47	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 11:47	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 11:47	1
Barium	0.14		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 11:47	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 11:47	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 11:47	1
Calcium	67.1		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:47	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 11:47	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 11:47	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 11:47	1
Iron	0.78	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 11:47	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 11:47	1
Magnesium	22.6		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 11:47	1
Manganese	0.079	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 11:47	1
Nickel	ND		0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 11:47	1
Potassium	5.7		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:47	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 11:47	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 11:47	1
Sodium	364		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 11:47	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 11:47	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 11:47	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-36

Lab Sample ID: 480-154653-5

Date Collected: 06/06/19 11:15

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.011		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 12:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 14:57	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-6

Lab Sample ID: 480-154653-6

Date Collected: 06/07/19 09:45

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 16:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 16:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 16:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 16:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 16:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 16:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 16:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 16:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 16:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 16:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 16:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 16:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 16:22	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 16:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 16:22	1
Acetone	ND		10	3.0	ug/L			06/08/19 16:22	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 16:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 16:22	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 16:22	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 16:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 16:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 16:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 16:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 16:22	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 16:22	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 16:22	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 16:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 16:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 16:22	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 16:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 16:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 16:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 16:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 16:22	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 16:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 16:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 16:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 16:22	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 16:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 16:22	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 16:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 16:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 16:22	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 16:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 16:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 16:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 16:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-6

Lab Sample ID: 480-154653-6

Date Collected: 06/07/19 09:45

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120					06/08/19 16:22	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					06/08/19 16:22	1
4-Bromofluorobenzene (Surr)	90		73 - 120					06/08/19 16:22	1
Dibromofluoromethane (Surr)	96		75 - 123					06/08/19 16:22	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/14/19 21:49	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/14/19 21:49	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 21:49	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/14/19 21:49	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 21:49	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/14/19 21:49	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 21:49	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 21:49	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 21:49	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 21:49	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/14/19 21:49	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 21:49	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/14/19 21:49	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/14/19 21:49	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 21:49	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 21:49	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/14/19 21:49	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 21:49	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 21:49	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 21:49	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 21:49	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 21:49	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/14/19 21:49	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/14/19 21:49	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/14/19 21:49	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/14/19 21:49	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/14/19 21:49	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 21:49	1
Anthracene	0.28	J	5.0	0.28	ug/L		06/12/19 06:45	06/14/19 21:49	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 21:49	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/14/19 21:49	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 21:49	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 21:49	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 21:49	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 21:49	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/14/19 21:49	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 21:49	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 21:49	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 21:49	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/14/19 21:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-6

Lab Sample ID: 480-154653-6

Date Collected: 06/07/19 09:45

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 21:49	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/14/19 21:49	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/14/19 21:49	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/14/19 21:49	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:45	06/14/19 21:49	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 21:49	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/14/19 21:49	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/14/19 21:49	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 21:49	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 21:49	1
Fluorene	0.49	J B	5.0	0.36	ug/L		06/12/19 06:45	06/14/19 21:49	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 21:49	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/14/19 21:49	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 21:49	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 21:49	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 21:49	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/14/19 21:49	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 21:49	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 21:49	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/14/19 21:49	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/14/19 21:49	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 21:49	1
Phenanthrene	2.3	J B	5.0	0.44	ug/L		06/12/19 06:45	06/14/19 21:49	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/14/19 21:49	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 21:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	86		46 - 120	06/12/19 06:45	06/14/19 21:49	1
Phenol-d5 (Surr)	60		22 - 120	06/12/19 06:45	06/14/19 21:49	1
p-Terphenyl-d14 (Surr)	73		59 - 136	06/12/19 06:45	06/14/19 21:49	1
2,4,6-Tribromophenol (Surr)	82		41 - 120	06/12/19 06:45	06/14/19 21:49	1
2-Fluorobiphenyl	94		48 - 120	06/12/19 06:45	06/14/19 21:49	1
2-Fluorophenol (Surr)	78		35 - 120	06/12/19 06:45	06/14/19 21:49	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.049	0.0079	ug/L		06/11/19 07:42	06/11/19 17:51	1
alpha-BHC	ND		0.049	0.0075	ug/L		06/11/19 07:42	06/11/19 17:51	1
beta-BHC	ND		0.049	0.024	ug/L		06/11/19 07:42	06/11/19 17:51	1
delta-BHC	ND		0.049	0.0098	ug/L		06/11/19 07:42	06/11/19 17:51	1
gamma-BHC (Lindane)	ND		0.049	0.0078	ug/L		06/11/19 07:42	06/11/19 17:51	1
Chlordane (technical)	ND		0.49	0.28	ug/L		06/11/19 07:42	06/11/19 17:51	1
4,4'-DDD	ND		0.049	0.0090	ug/L		06/11/19 07:42	06/11/19 17:51	1
4,4'-DDE	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 17:51	1
4,4'-DDT	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 17:51	1
Dieldrin	ND		0.049	0.0096	ug/L		06/11/19 07:42	06/11/19 17:51	1
Endosulfan I	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 17:51	1
Endosulfan II	ND		0.049	0.012	ug/L		06/11/19 07:42	06/11/19 17:51	1
Endosulfan sulfate	ND		0.049	0.015	ug/L		06/11/19 07:42	06/11/19 17:51	1
Endrin	ND		0.049	0.014	ug/L		06/11/19 07:42	06/11/19 17:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-6

Lab Sample ID: 480-154653-6

Date Collected: 06/07/19 09:45

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.049	0.016	ug/L		06/11/19 07:42	06/11/19 17:51	1
Heptachlor	ND		0.049	0.0083	ug/L		06/11/19 07:42	06/11/19 17:51	1
Heptachlor epoxide	ND		0.049	0.0073	ug/L		06/11/19 07:42	06/11/19 17:51	1
Toxaphene	ND		0.49	0.12	ug/L		06/11/19 07:42	06/11/19 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		23 - 120	06/11/19 07:42	06/11/19 17:51	1
DCB Decachlorobiphenyl	65		23 - 120	06/11/19 07:42	06/11/19 17:51	1
Tetrachloro-m-xylene	92		44 - 120	06/11/19 07:42	06/11/19 17:51	1
Tetrachloro-m-xylene	77		44 - 120	06/11/19 07:42	06/11/19 17:51	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:19	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:19	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:19	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:19	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:19	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 18:19	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		36 - 121	06/11/19 15:27	06/12/19 18:19	1
DCB Decachlorobiphenyl	70		36 - 121	06/11/19 15:27	06/12/19 18:19	1
Tetrachloro-m-xylene	82		42 - 135	06/11/19 15:27	06/12/19 18:19	1
Tetrachloro-m-xylene	73		42 - 135	06/11/19 15:27	06/12/19 18:19	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.46		0.20	0.060	mg/L		06/12/19 07:41	06/17/19 11:51	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 11:51	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 11:51	1
Barium	0.12		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 11:51	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 11:51	1
Cadmium	0.0021		0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 11:51	1
Calcium	195		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:51	1
Chromium	0.015		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 11:51	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 11:51	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 11:51	1
Iron	1.8	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 11:51	1
Lead	0.0074	J	0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 11:51	1
Magnesium	49.9		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 11:51	1
Manganese	0.16	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 11:51	1
Nickel	0.0030	J	0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 11:51	1
Potassium	6.4		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:51	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 11:51	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 11:51	1
Sodium	648		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 11:51	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 11:51	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 11:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-6

Lab Sample ID: 480-154653-6

Date Collected: 06/07/19 09:45

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0049	J	0.010	0.0015	mg/L	—	06/12/19 07:41	06/20/19 12:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L	—	06/10/19 11:39	06/10/19 14:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	0.0075	J H	0.010	0.0050	mg/L	—		06/08/19 11:33	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-7

Lab Sample ID: 480-154653-7

Date Collected: 06/07/19 09:30

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 16:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 16:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 16:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 16:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 16:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 16:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 16:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 16:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 16:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 16:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 16:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 16:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 16:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 16:46	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 16:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 16:46	1
Acetone	ND		10	3.0	ug/L			06/08/19 16:46	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 16:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 16:46	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 16:46	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 16:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 16:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 16:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 16:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 16:46	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 16:46	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 16:46	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 16:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 16:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 16:46	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 16:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 16:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 16:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 16:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 16:46	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 16:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 16:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 16:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 16:46	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 16:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 16:46	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 16:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 16:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 16:46	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 16:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 16:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 16:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 16:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-7

Lab Sample ID: 480-154653-7

Date Collected: 06/07/19 09:30

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		80 - 120					06/08/19 16:46	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					06/08/19 16:46	1
4-Bromofluorobenzene (Surr)	91		73 - 120					06/08/19 16:46	1
Dibromofluoromethane (Surr)	96		75 - 123					06/08/19 16:46	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/14/19 22:17	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/14/19 22:17	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 22:17	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/14/19 22:17	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 22:17	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/14/19 22:17	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 22:17	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 22:17	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 22:17	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 22:17	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/14/19 22:17	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 22:17	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/14/19 22:17	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/14/19 22:17	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 22:17	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 22:17	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/14/19 22:17	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 22:17	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 22:17	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 22:17	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 22:17	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 22:17	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/14/19 22:17	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/14/19 22:17	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/14/19 22:17	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/14/19 22:17	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/14/19 22:17	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 22:17	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/14/19 22:17	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 22:17	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/14/19 22:17	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 22:17	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 22:17	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 22:17	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 22:17	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/14/19 22:17	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 22:17	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 22:17	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 22:17	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/14/19 22:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-7

Lab Sample ID: 480-154653-7

Date Collected: 06/07/19 09:30

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 22:17	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/14/19 22:17	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/14/19 22:17	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/14/19 22:17	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:45	06/14/19 22:17	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 22:17	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/14/19 22:17	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/14/19 22:17	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 22:17	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 22:17	1
Fluorene	0.48	J B	5.0	0.36	ug/L		06/12/19 06:45	06/14/19 22:17	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 22:17	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/14/19 22:17	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 22:17	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 22:17	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 22:17	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/14/19 22:17	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 22:17	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 22:17	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/14/19 22:17	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/14/19 22:17	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 22:17	1
Phenanthrene	2.3	J B	5.0	0.44	ug/L		06/12/19 06:45	06/14/19 22:17	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/14/19 22:17	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	84		46 - 120	06/12/19 06:45	06/14/19 22:17	1
Phenol-d5 (Surr)	59		22 - 120	06/12/19 06:45	06/14/19 22:17	1
p-Terphenyl-d14 (Surr)	78		59 - 136	06/12/19 06:45	06/14/19 22:17	1
2,4,6-Tribromophenol (Surr)	90		41 - 120	06/12/19 06:45	06/14/19 22:17	1
2-Fluorobiphenyl	94		48 - 120	06/12/19 06:45	06/14/19 22:17	1
2-Fluorophenol (Surr)	74		35 - 120	06/12/19 06:45	06/14/19 22:17	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0078	ug/L		06/11/19 07:42	06/11/19 18:11	1
alpha-BHC	ND		0.048	0.0074	ug/L		06/11/19 07:42	06/11/19 18:11	1
beta-BHC	ND		0.048	0.024	ug/L		06/11/19 07:42	06/11/19 18:11	1
delta-BHC	ND		0.048	0.0096	ug/L		06/11/19 07:42	06/11/19 18:11	1
gamma-BHC (Lindane)	ND		0.048	0.0077	ug/L		06/11/19 07:42	06/11/19 18:11	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/11/19 07:42	06/11/19 18:11	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/11/19 07:42	06/11/19 18:11	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 18:11	1
4,4'-DDT	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 18:11	1
Dieldrin	ND		0.048	0.0094	ug/L		06/11/19 07:42	06/11/19 18:11	1
Endosulfan I	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 18:11	1
Endosulfan II	ND		0.048	0.012	ug/L		06/11/19 07:42	06/11/19 18:11	1
Endosulfan sulfate	ND		0.048	0.015	ug/L		06/11/19 07:42	06/11/19 18:11	1
Endrin	ND		0.048	0.013	ug/L		06/11/19 07:42	06/11/19 18:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-7

Lab Sample ID: 480-154653-7

Date Collected: 06/07/19 09:30

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/11/19 07:42	06/11/19 18:11	1
Heptachlor	ND		0.048	0.0082	ug/L		06/11/19 07:42	06/11/19 18:11	1
Heptachlor epoxide	ND		0.048	0.0071	ug/L		06/11/19 07:42	06/11/19 18:11	1
Toxaphene	ND		0.48	0.12	ug/L		06/11/19 07:42	06/11/19 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		23 - 120				06/11/19 07:42	06/11/19 18:11	1
DCB Decachlorobiphenyl	59		23 - 120				06/11/19 07:42	06/11/19 18:11	1
Tetrachloro-m-xylene	80		44 - 120				06/11/19 07:42	06/11/19 18:11	1
Tetrachloro-m-xylene	78		44 - 120				06/11/19 07:42	06/11/19 18:11	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:32	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:32	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:32	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:32	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:32	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 18:32	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		36 - 121				06/11/19 15:27	06/12/19 18:32	1
DCB Decachlorobiphenyl	64		36 - 121				06/11/19 15:27	06/12/19 18:32	1
Tetrachloro-m-xylene	76		42 - 135				06/11/19 15:27	06/12/19 18:32	1
Tetrachloro-m-xylene	68		42 - 135				06/11/19 15:27	06/12/19 18:32	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.15	J	0.20	0.060	mg/L		06/12/19 07:41	06/17/19 12:06	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 12:06	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 12:06	1
Barium	0.073		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 12:06	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 12:06	1
Cadmium	0.0011	J	0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 12:06	1
Calcium	316		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:06	1
Chromium	5.5		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 12:06	1
Cobalt	0.0014	J	0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 12:06	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 12:06	1
Iron	0.27	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 12:06	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 12:06	1
Magnesium	118		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 12:06	1
Manganese	0.11	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 12:06	1
Nickel	0.0062	J	0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 12:06	1
Potassium	8.5		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:06	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 12:06	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 12:06	1
Sodium	1040		5.0	1.6	mg/L		06/12/19 07:41	06/20/19 12:50	5
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 12:06	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 12:06	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-7

Lab Sample ID: 480-154653-7

Date Collected: 06/07/19 09:30

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0024	J	0.010	0.0015	mg/L	—	06/12/19 07:41	06/20/19 12:46	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L	—	06/10/19 11:39	06/10/19 14:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	5.3	H	0.25	0.13	mg/L	—		06/08/19 11:33	25

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-8

Lab Sample ID: 480-154653-8

Date Collected: 06/07/19 08:30

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 17:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 17:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 17:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 17:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 17:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 17:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 17:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 17:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 17:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 17:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 17:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 17:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 17:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 17:10	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 17:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 17:10	1
Acetone	ND		10	3.0	ug/L			06/08/19 17:10	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 17:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 17:10	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 17:10	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 17:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 17:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 17:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 17:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 17:10	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 17:10	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 17:10	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 17:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 17:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 17:10	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 17:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 17:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 17:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 17:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 17:10	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 17:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 17:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 17:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 17:10	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 17:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 17:10	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 17:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 17:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 17:10	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 17:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 17:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 17:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 17:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-8

Lab Sample ID: 480-154653-8

Date Collected: 06/07/19 08:30

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120					06/08/19 17:10	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					06/08/19 17:10	1
4-Bromofluorobenzene (Surr)	90		73 - 120					06/08/19 17:10	1
Dibromofluoromethane (Surr)	100		75 - 123					06/08/19 17:10	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/14/19 22:46	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/14/19 22:46	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 22:46	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/14/19 22:46	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 22:46	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/14/19 22:46	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 22:46	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 22:46	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 22:46	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 22:46	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/14/19 22:46	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 22:46	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/14/19 22:46	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/14/19 22:46	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 22:46	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 22:46	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/14/19 22:46	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 22:46	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 22:46	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 22:46	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 22:46	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 22:46	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/14/19 22:46	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/14/19 22:46	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/14/19 22:46	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/14/19 22:46	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/14/19 22:46	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 22:46	1
Anthracene	0.31	J	5.0	0.28	ug/L		06/12/19 06:45	06/14/19 22:46	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 22:46	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/14/19 22:46	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 22:46	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 22:46	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 22:46	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 22:46	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/14/19 22:46	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 22:46	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 22:46	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 22:46	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/14/19 22:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-8

Lab Sample ID: 480-154653-8

Date Collected: 06/07/19 08:30

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 22:46	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/14/19 22:46	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/14/19 22:46	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/14/19 22:46	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:45	06/14/19 22:46	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 22:46	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/14/19 22:46	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/14/19 22:46	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 22:46	1
Fluoranthene	0.46	J	5.0	0.40	ug/L		06/12/19 06:45	06/14/19 22:46	1
Fluorene	0.58	J B	5.0	0.36	ug/L		06/12/19 06:45	06/14/19 22:46	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 22:46	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/14/19 22:46	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 22:46	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 22:46	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 22:46	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/14/19 22:46	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 22:46	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 22:46	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/14/19 22:46	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/14/19 22:46	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 22:46	1
Phenanthrene	2.9	J B	5.0	0.44	ug/L		06/12/19 06:45	06/14/19 22:46	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/14/19 22:46	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	81		46 - 120	06/12/19 06:45	06/14/19 22:46	1
Phenol-d5 (Surr)	56		22 - 120	06/12/19 06:45	06/14/19 22:46	1
p-Terphenyl-d14 (Surr)	83		59 - 136	06/12/19 06:45	06/14/19 22:46	1
2,4,6-Tribromophenol (Surr)	81		41 - 120	06/12/19 06:45	06/14/19 22:46	1
2-Fluorobiphenyl	91		48 - 120	06/12/19 06:45	06/14/19 22:46	1
2-Fluorophenol (Surr)	70		35 - 120	06/12/19 06:45	06/14/19 22:46	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0077	ug/L		06/11/19 07:42	06/11/19 18:30	1
alpha-BHC	ND		0.048	0.0073	ug/L		06/11/19 07:42	06/11/19 18:30	1
beta-BHC	ND		0.048	0.024	ug/L		06/11/19 07:42	06/11/19 18:30	1
delta-BHC	ND		0.048	0.0095	ug/L		06/11/19 07:42	06/11/19 18:30	1
gamma-BHC (Lindane)	ND		0.048	0.0076	ug/L		06/11/19 07:42	06/11/19 18:30	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/11/19 07:42	06/11/19 18:30	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/11/19 07:42	06/11/19 18:30	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 18:30	1
4,4'-DDT	ND		0.048	0.010	ug/L		06/11/19 07:42	06/11/19 18:30	1
Dieldrin	ND		0.048	0.0093	ug/L		06/11/19 07:42	06/11/19 18:30	1
Endosulfan I	ND		0.048	0.010	ug/L		06/11/19 07:42	06/11/19 18:30	1
Endosulfan II	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 18:30	1
Endosulfan sulfate	ND		0.048	0.015	ug/L		06/11/19 07:42	06/11/19 18:30	1
Endrin	ND		0.048	0.013	ug/L		06/11/19 07:42	06/11/19 18:30	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-8

Lab Sample ID: 480-154653-8

Date Collected: 06/07/19 08:30

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/11/19 07:42	06/11/19 18:30	1
Heptachlor	ND		0.048	0.0081	ug/L		06/11/19 07:42	06/11/19 18:30	1
Heptachlor epoxide	ND		0.048	0.0070	ug/L		06/11/19 07:42	06/11/19 18:30	1
Toxaphene	ND		0.48	0.11	ug/L		06/11/19 07:42	06/11/19 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72		23 - 120	06/11/19 07:42	06/11/19 18:30	1
DCB Decachlorobiphenyl	73		23 - 120	06/11/19 07:42	06/11/19 18:30	1
Tetrachloro-m-xylene	97		44 - 120	06/11/19 07:42	06/11/19 18:30	1
Tetrachloro-m-xylene	79		44 - 120	06/11/19 07:42	06/11/19 18:30	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:45	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:45	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:45	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:45	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:45	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 18:45	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		36 - 121	06/11/19 15:27	06/12/19 18:45	1
DCB Decachlorobiphenyl	85		36 - 121	06/11/19 15:27	06/12/19 18:45	1
Tetrachloro-m-xylene	98		42 - 135	06/11/19 15:27	06/12/19 18:45	1
Tetrachloro-m-xylene	89		42 - 135	06/11/19 15:27	06/12/19 18:45	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.080	J	0.20	0.060	mg/L		06/12/19 07:41	06/17/19 12:10	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 12:10	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 12:10	1
Barium	0.061		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 12:10	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 12:10	1
Cadmium	0.0092		0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 12:10	1
Calcium	179		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:10	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 12:10	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 12:10	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 12:10	1
Iron	0.27	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 12:10	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 12:10	1
Magnesium	73.1		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 12:10	1
Manganese	0.095	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 12:10	1
Nickel	0.0039	J	0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 12:10	1
Potassium	4.9		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:10	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 12:10	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 12:10	1
Sodium	161		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 12:10	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 12:10	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 12:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-8

Lab Sample ID: 480-154653-8

Date Collected: 06/07/19 08:30

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0082	J	0.010	0.0015	mg/L	—	06/12/19 07:41	06/20/19 13:05	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L	—	06/10/19 11:39	06/10/19 15:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND	H	0.010	0.0050	mg/L	—		06/08/19 11:33	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-12

Lab Sample ID: 480-154653-9

Date Collected: 06/07/19 11:25

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 17:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 17:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 17:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 17:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 17:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 17:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 17:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 17:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 17:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 17:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 17:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 17:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 17:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 17:34	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 17:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 17:34	1
Acetone	ND		10	3.0	ug/L			06/08/19 17:34	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 17:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 17:34	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 17:34	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 17:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 17:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 17:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 17:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 17:34	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 17:34	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 17:34	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 17:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 17:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 17:34	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 17:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 17:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 17:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 17:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 17:34	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 17:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 17:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 17:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 17:34	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 17:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 17:34	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 17:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 17:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 17:34	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 17:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 17:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 17:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 17:34	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-12

Lab Sample ID: 480-154653-9

Date Collected: 06/07/19 11:25

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 17:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120					06/08/19 17:34	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					06/08/19 17:34	1
4-Bromofluorobenzene (Surr)	92		73 - 120					06/08/19 17:34	1
Dibromofluoromethane (Surr)	98		75 - 123					06/08/19 17:34	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/14/19 23:15	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/14/19 23:15	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 23:15	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/14/19 23:15	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 23:15	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/14/19 23:15	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 23:15	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 23:15	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 23:15	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 23:15	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/14/19 23:15	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 23:15	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/14/19 23:15	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/14/19 23:15	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 23:15	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 23:15	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/14/19 23:15	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 23:15	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 23:15	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 23:15	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 23:15	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 23:15	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/14/19 23:15	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/14/19 23:15	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/14/19 23:15	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/14/19 23:15	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/14/19 23:15	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 23:15	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/14/19 23:15	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 23:15	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/14/19 23:15	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 23:15	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 23:15	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 23:15	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 23:15	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/14/19 23:15	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 23:15	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 23:15	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 23:15	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/14/19 23:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-12

Lab Sample ID: 480-154653-9

Date Collected: 06/07/19 11:25

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 23:15	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/14/19 23:15	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/14/19 23:15	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/14/19 23:15	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:45	06/14/19 23:15	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 23:15	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/14/19 23:15	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/14/19 23:15	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 23:15	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 23:15	1
Fluorene	0.55	J B	5.0	0.36	ug/L		06/12/19 06:45	06/14/19 23:15	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 23:15	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/14/19 23:15	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 23:15	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 23:15	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 23:15	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/14/19 23:15	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 23:15	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 23:15	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/14/19 23:15	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/14/19 23:15	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 23:15	1
Phenanthrene	2.7	J B	5.0	0.44	ug/L		06/12/19 06:45	06/14/19 23:15	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/14/19 23:15	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	83		46 - 120	06/12/19 06:45	06/14/19 23:15	1
Phenol-d5 (Surr)	55		22 - 120	06/12/19 06:45	06/14/19 23:15	1
p-Terphenyl-d14 (Surr)	77		59 - 136	06/12/19 06:45	06/14/19 23:15	1
2,4,6-Tribromophenol (Surr)	70		41 - 120	06/12/19 06:45	06/14/19 23:15	1
2-Fluorobiphenyl	94		48 - 120	06/12/19 06:45	06/14/19 23:15	1
2-Fluorophenol (Surr)	69		35 - 120	06/12/19 06:45	06/14/19 23:15	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0078	ug/L		06/11/19 07:42	06/11/19 18:50	1
alpha-BHC	ND		0.048	0.0074	ug/L		06/11/19 07:42	06/11/19 18:50	1
beta-BHC	ND		0.048	0.024	ug/L		06/11/19 07:42	06/11/19 18:50	1
delta-BHC	ND		0.048	0.0096	ug/L		06/11/19 07:42	06/11/19 18:50	1
gamma-BHC (Lindane)	ND		0.048	0.0077	ug/L		06/11/19 07:42	06/11/19 18:50	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/11/19 07:42	06/11/19 18:50	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/11/19 07:42	06/11/19 18:50	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 18:50	1
4,4'-DDT	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 18:50	1
Dieldrin	ND		0.048	0.0094	ug/L		06/11/19 07:42	06/11/19 18:50	1
Endosulfan I	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 18:50	1
Endosulfan II	ND		0.048	0.012	ug/L		06/11/19 07:42	06/11/19 18:50	1
Endosulfan sulfate	ND		0.048	0.015	ug/L		06/11/19 07:42	06/11/19 18:50	1
Endrin	ND		0.048	0.013	ug/L		06/11/19 07:42	06/11/19 18:50	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-12

Lab Sample ID: 480-154653-9

Date Collected: 06/07/19 11:25

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/11/19 07:42	06/11/19 18:50	1
Heptachlor	ND		0.048	0.0082	ug/L		06/11/19 07:42	06/11/19 18:50	1
Heptachlor epoxide	ND		0.048	0.0071	ug/L		06/11/19 07:42	06/11/19 18:50	1
Toxaphene	ND		0.48	0.12	ug/L		06/11/19 07:42	06/11/19 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		23 - 120				06/11/19 07:42	06/11/19 18:50	1
DCB Decachlorobiphenyl	85		23 - 120				06/11/19 07:42	06/11/19 18:50	1
Tetrachloro-m-xylene	91		44 - 120				06/11/19 07:42	06/11/19 18:50	1
Tetrachloro-m-xylene	76		44 - 120				06/11/19 07:42	06/11/19 18:50	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:57	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:57	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:57	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:57	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 18:57	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 18:57	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 18:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		36 - 121				06/11/19 15:27	06/12/19 18:57	1
DCB Decachlorobiphenyl	86		36 - 121				06/11/19 15:27	06/12/19 18:57	1
Tetrachloro-m-xylene	89		42 - 135				06/11/19 15:27	06/12/19 18:57	1
Tetrachloro-m-xylene	73		42 - 135				06/11/19 15:27	06/12/19 18:57	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/12/19 07:41	06/17/19 12:14	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 12:14	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 12:14	1
Barium	0.053		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 12:14	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 12:14	1
Cadmium	0.00051	J	0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 12:14	1
Calcium	222		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:14	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 12:14	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 12:14	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 12:14	1
Iron	0.57	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 12:14	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 12:14	1
Magnesium	71.4		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 12:14	1
Manganese	0.054	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 12:14	1
Nickel	0.0014	J	0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 12:14	1
Potassium	4.1		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:14	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 12:14	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 12:14	1
Sodium	106		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 12:14	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 12:14	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 12:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-12

Lab Sample ID: 480-154653-9

Date Collected: 06/07/19 11:25

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.29		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 13:08	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND	H	0.010	0.0050	mg/L			06/08/19 11:33	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-14

Lab Sample ID: 480-154653-10

Date Collected: 06/07/19 08:35

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 17:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 17:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 17:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 17:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 17:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 17:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 17:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 17:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 17:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 17:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 17:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 17:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 17:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 17:58	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 17:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 17:58	1
Acetone	ND		10	3.0	ug/L			06/08/19 17:58	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 17:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 17:58	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 17:58	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 17:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 17:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 17:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 17:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 17:58	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 17:58	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 17:58	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 17:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 17:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 17:58	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 17:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 17:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 17:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 17:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 17:58	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 17:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 17:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 17:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 17:58	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 17:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 17:58	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 17:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 17:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 17:58	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 17:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 17:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 17:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 17:58	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-14

Lab Sample ID: 480-154653-10

Date Collected: 06/07/19 08:35

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120					06/08/19 17:58	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					06/08/19 17:58	1
4-Bromofluorobenzene (Surr)	91		73 - 120					06/08/19 17:58	1
Dibromofluoromethane (Surr)	101		75 - 123					06/08/19 17:58	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/14/19 23:44	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/14/19 23:44	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 23:44	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/14/19 23:44	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 23:44	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/14/19 23:44	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 23:44	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 23:44	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 23:44	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 23:44	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/14/19 23:44	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 23:44	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/14/19 23:44	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/14/19 23:44	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 23:44	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 23:44	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/14/19 23:44	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 23:44	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 23:44	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 23:44	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 23:44	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 23:44	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/14/19 23:44	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/14/19 23:44	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/14/19 23:44	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/14/19 23:44	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/14/19 23:44	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 23:44	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/14/19 23:44	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 23:44	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/14/19 23:44	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 23:44	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 23:44	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 23:44	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 23:44	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/14/19 23:44	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 23:44	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 23:44	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 23:44	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/14/19 23:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-14

Lab Sample ID: 480-154653-10

Date Collected: 06/07/19 08:35

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 23:44	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/14/19 23:44	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/14/19 23:44	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/14/19 23:44	1
Di-n-butyl phthalate	0.53	J	5.0	0.31	ug/L		06/12/19 06:45	06/14/19 23:44	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 23:44	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/14/19 23:44	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/14/19 23:44	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 23:44	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 23:44	1
Fluorene	0.51	J B	5.0	0.36	ug/L		06/12/19 06:45	06/14/19 23:44	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 23:44	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/14/19 23:44	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 23:44	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 23:44	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 23:44	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/14/19 23:44	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 23:44	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 23:44	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/14/19 23:44	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/14/19 23:44	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 23:44	1
Phenanthrene	2.5	J B	5.0	0.44	ug/L		06/12/19 06:45	06/14/19 23:44	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/14/19 23:44	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 23:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	91		46 - 120	06/12/19 06:45	06/14/19 23:44	1
Phenol-d5 (Surr)	60		22 - 120	06/12/19 06:45	06/14/19 23:44	1
p-Terphenyl-d14 (Surr)	85		59 - 136	06/12/19 06:45	06/14/19 23:44	1
2,4,6-Tribromophenol (Surr)	88		41 - 120	06/12/19 06:45	06/14/19 23:44	1
2-Fluorobiphenyl	101		48 - 120	06/12/19 06:45	06/14/19 23:44	1
2-Fluorophenol (Surr)	77		35 - 120	06/12/19 06:45	06/14/19 23:44	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0078	ug/L		06/11/19 07:42	06/11/19 19:10	1
alpha-BHC	ND		0.048	0.0074	ug/L		06/11/19 07:42	06/11/19 19:10	1
beta-BHC	ND		0.048	0.024	ug/L		06/11/19 07:42	06/11/19 19:10	1
delta-BHC	ND		0.048	0.0096	ug/L		06/11/19 07:42	06/11/19 19:10	1
gamma-BHC (Lindane)	ND		0.048	0.0077	ug/L		06/11/19 07:42	06/11/19 19:10	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/11/19 07:42	06/11/19 19:10	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/11/19 07:42	06/11/19 19:10	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 19:10	1
4,4'-DDT	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 19:10	1
Dieldrin	ND		0.048	0.0094	ug/L		06/11/19 07:42	06/11/19 19:10	1
Endosulfan I	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 19:10	1
Endosulfan II	ND		0.048	0.012	ug/L		06/11/19 07:42	06/11/19 19:10	1
Endosulfan sulfate	ND		0.048	0.015	ug/L		06/11/19 07:42	06/11/19 19:10	1
Endrin	ND		0.048	0.013	ug/L		06/11/19 07:42	06/11/19 19:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-14

Lab Sample ID: 480-154653-10

Date Collected: 06/07/19 08:35

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/11/19 07:42	06/11/19 19:10	1
Heptachlor	ND		0.048	0.0082	ug/L		06/11/19 07:42	06/11/19 19:10	1
Heptachlor epoxide	ND		0.048	0.0071	ug/L		06/11/19 07:42	06/11/19 19:10	1
Toxaphene	ND		0.48	0.12	ug/L		06/11/19 07:42	06/11/19 19:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		23 - 120				06/11/19 07:42	06/11/19 19:10	1
DCB Decachlorobiphenyl	72		23 - 120				06/11/19 07:42	06/11/19 19:10	1
Tetrachloro-m-xylene	95		44 - 120				06/11/19 07:42	06/11/19 19:10	1
Tetrachloro-m-xylene	87		44 - 120				06/11/19 07:42	06/11/19 19:10	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:10	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:10	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:10	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:10	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:10	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 19:10	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 19:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		36 - 121				06/11/19 15:27	06/12/19 19:10	1
DCB Decachlorobiphenyl	82		36 - 121				06/11/19 15:27	06/12/19 19:10	1
Tetrachloro-m-xylene	81		42 - 135				06/11/19 15:27	06/12/19 19:10	1
Tetrachloro-m-xylene	66		42 - 135				06/11/19 15:27	06/12/19 19:10	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.098	J	0.20	0.060	mg/L		06/12/19 07:41	06/17/19 12:18	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 12:18	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 12:18	1
Barium	0.77		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 12:18	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 12:18	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 12:18	1
Calcium	340		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:18	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 12:18	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 12:18	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 12:18	1
Iron	0.25	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 12:18	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 12:18	1
Magnesium	95.2		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 12:18	1
Manganese	0.22	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 12:18	1
Nickel	0.0037	J	0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 12:18	1
Potassium	4.4		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:18	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 12:18	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 12:18	1
Sodium	608		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 12:18	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 12:18	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 12:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-14

Lab Sample ID: 480-154653-10

Date Collected: 06/07/19 08:35

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.071		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 13:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 15:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND	H	0.010	0.0050	mg/L			06/08/19 11:33	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-15

Lab Sample ID: 480-154653-11

Date Collected: 06/07/19 11:20

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 18:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 18:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 18:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 18:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 18:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 18:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 18:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 18:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 18:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 18:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 18:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 18:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 18:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 18:23	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 18:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 18:23	1
Acetone	ND		10	3.0	ug/L			06/08/19 18:23	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 18:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 18:23	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 18:23	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 18:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 18:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 18:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 18:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 18:23	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 18:23	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 18:23	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 18:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 18:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 18:23	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 18:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 18:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 18:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 18:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 18:23	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 18:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 18:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 18:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 18:23	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 18:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 18:23	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 18:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 18:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 18:23	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 18:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 18:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 18:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 18:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-15

Lab Sample ID: 480-154653-11

Date Collected: 06/07/19 11:20

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120					06/08/19 18:23	1
1,2-Dichloroethane-d4 (Surr)	97		77 - 120					06/08/19 18:23	1
4-Bromofluorobenzene (Surr)	93		73 - 120					06/08/19 18:23	1
Dibromofluoromethane (Surr)	93		75 - 123					06/08/19 18:23	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/15/19 00:13	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/15/19 00:13	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/15/19 00:13	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/15/19 00:13	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/15/19 00:13	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/15/19 00:13	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/15/19 00:13	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/15/19 00:13	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 00:13	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/15/19 00:13	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/15/19 00:13	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 00:13	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/15/19 00:13	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/15/19 00:13	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/15/19 00:13	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 00:13	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/15/19 00:13	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/15/19 00:13	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/15/19 00:13	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/15/19 00:13	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/15/19 00:13	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/15/19 00:13	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/15/19 00:13	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/15/19 00:13	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/15/19 00:13	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/15/19 00:13	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/15/19 00:13	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/15/19 00:13	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/15/19 00:13	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/15/19 00:13	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/15/19 00:13	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/15/19 00:13	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/15/19 00:13	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/15/19 00:13	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/15/19 00:13	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/15/19 00:13	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/15/19 00:13	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 00:13	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/15/19 00:13	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/15/19 00:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-15

Lab Sample ID: 480-154653-11

Date Collected: 06/07/19 11:20

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/15/19 00:13	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/15/19 00:13	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/15/19 00:13	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/15/19 00:13	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:45	06/15/19 00:13	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/15/19 00:13	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/15/19 00:13	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/15/19 00:13	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/15/19 00:13	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 00:13	1
Fluorene	0.52	J B	5.0	0.36	ug/L		06/12/19 06:45	06/15/19 00:13	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/15/19 00:13	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/15/19 00:13	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/15/19 00:13	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/15/19 00:13	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/15/19 00:13	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/15/19 00:13	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/15/19 00:13	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/15/19 00:13	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/15/19 00:13	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/15/19 00:13	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/15/19 00:13	1
Phenanthrene	2.5	J B	5.0	0.44	ug/L		06/12/19 06:45	06/15/19 00:13	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/15/19 00:13	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/15/19 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	84		46 - 120	06/12/19 06:45	06/15/19 00:13	1
Phenol-d5 (Surr)	56		22 - 120	06/12/19 06:45	06/15/19 00:13	1
p-Terphenyl-d14 (Surr)	80		59 - 136	06/12/19 06:45	06/15/19 00:13	1
2,4,6-Tribromophenol (Surr)	81		41 - 120	06/12/19 06:45	06/15/19 00:13	1
2-Fluorobiphenyl	95		48 - 120	06/12/19 06:45	06/15/19 00:13	1
2-Fluorophenol (Surr)	72		35 - 120	06/12/19 06:45	06/15/19 00:13	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0077	ug/L		06/11/19 07:42	06/11/19 19:29	1
alpha-BHC	ND		0.048	0.0073	ug/L		06/11/19 07:42	06/11/19 19:29	1
beta-BHC	ND		0.048	0.024	ug/L		06/11/19 07:42	06/11/19 19:29	1
delta-BHC	ND		0.048	0.0095	ug/L		06/11/19 07:42	06/11/19 19:29	1
gamma-BHC (Lindane)	ND		0.048	0.0076	ug/L		06/11/19 07:42	06/11/19 19:29	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/11/19 07:42	06/11/19 19:29	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/11/19 07:42	06/11/19 19:29	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 19:29	1
4,4'-DDT	ND		0.048	0.010	ug/L		06/11/19 07:42	06/11/19 19:29	1
Dieldrin	ND		0.048	0.0093	ug/L		06/11/19 07:42	06/11/19 19:29	1
Endosulfan I	ND		0.048	0.010	ug/L		06/11/19 07:42	06/11/19 19:29	1
Endosulfan II	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 19:29	1
Endosulfan sulfate	ND		0.048	0.015	ug/L		06/11/19 07:42	06/11/19 19:29	1
Endrin	ND		0.048	0.013	ug/L		06/11/19 07:42	06/11/19 19:29	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-15

Lab Sample ID: 480-154653-11

Date Collected: 06/07/19 11:20

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/11/19 07:42	06/11/19 19:29	1
Heptachlor	ND		0.048	0.0081	ug/L		06/11/19 07:42	06/11/19 19:29	1
Heptachlor epoxide	ND		0.048	0.0070	ug/L		06/11/19 07:42	06/11/19 19:29	1
Toxaphene	ND		0.48	0.11	ug/L		06/11/19 07:42	06/11/19 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90		23 - 120				06/11/19 07:42	06/11/19 19:29	1
DCB Decachlorobiphenyl	88		23 - 120				06/11/19 07:42	06/11/19 19:29	1
Tetrachloro-m-xylene	86		44 - 120				06/11/19 07:42	06/11/19 19:29	1
Tetrachloro-m-xylene	75		44 - 120				06/11/19 07:42	06/11/19 19:29	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:23	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:23	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:23	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:23	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:23	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 19:23	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		36 - 121				06/11/19 15:27	06/12/19 19:23	1
DCB Decachlorobiphenyl	111		36 - 121				06/11/19 15:27	06/12/19 19:23	1
Tetrachloro-m-xylene	104		42 - 135				06/11/19 15:27	06/12/19 19:23	1
Tetrachloro-m-xylene	82		42 - 135				06/11/19 15:27	06/12/19 19:23	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/12/19 07:41	06/17/19 12:22	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 12:22	1
Arsenic	0.0084	J	0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 12:22	1
Barium	0.069		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 12:22	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 12:22	1
Cadmium	0.00068	J	0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 12:22	1
Calcium	423		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:22	1
Chromium	7.8		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 12:22	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 12:22	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 12:22	1
Iron	0.14	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 12:22	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 12:22	1
Magnesium	154		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 12:22	1
Manganese	0.037	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 12:22	1
Nickel	0.0064	J	0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 12:22	1
Potassium	8.9		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:22	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 12:22	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 12:22	1
Sodium	1250		5.0	1.6	mg/L		06/12/19 07:41	06/20/19 13:20	5
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 12:22	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 12:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-15

Lab Sample ID: 480-154653-11

Date Collected: 06/07/19 11:20

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.033		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 13:16	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 15:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	6.8	H	0.25	0.13	mg/L			06/08/19 11:33	25

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: MW-7

Lab Sample ID: 480-154653-12

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 18:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 18:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 18:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 18:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 18:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 18:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 18:46	1
1,2-Dibromo-3-Chloropropane	ND	F2	1.0	0.39	ug/L			06/08/19 18:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 18:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 18:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 18:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 18:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 18:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 18:46	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 18:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 18:46	1
Acetone	ND		10	3.0	ug/L			06/08/19 18:46	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 18:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 18:46	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 18:46	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 18:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 18:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 18:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 18:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 18:46	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 18:46	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 18:46	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 18:46	1
cis-1,2-Dichloroethene	5.8	F1 F2	1.0	0.81	ug/L			06/08/19 18:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 18:46	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 18:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 18:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 18:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 18:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 18:46	1
Methyl acetate	ND	F1	2.5	1.3	ug/L			06/08/19 18:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 18:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 18:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 18:46	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 18:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 18:46	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 18:46	1
trans-1,2-Dichloroethene	1.2		1.0	0.90	ug/L			06/08/19 18:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 18:46	1
Trichloroethene	4.4		1.0	0.46	ug/L			06/08/19 18:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 18:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 18:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 18:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: MW-7

Lab Sample ID: 480-154653-12

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		80 - 120					06/08/19 18:46	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					06/08/19 18:46	1
4-Bromofluorobenzene (Surr)	89		73 - 120					06/08/19 18:46	1
Dibromofluoromethane (Surr)	98		75 - 123					06/08/19 18:46	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/14/19 18:56	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/14/19 18:56	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 18:56	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/14/19 18:56	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 18:56	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/14/19 18:56	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 18:56	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 18:56	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 18:56	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 18:56	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/14/19 18:56	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 18:56	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/14/19 18:56	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/14/19 18:56	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 18:56	1
3,3'-Dichlorobenzidine	ND	F2	5.0	0.40	ug/L		06/12/19 06:45	06/14/19 18:56	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/14/19 18:56	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 18:56	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 18:56	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 18:56	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 18:56	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 18:56	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/14/19 18:56	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/14/19 18:56	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/14/19 18:56	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/14/19 18:56	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/14/19 18:56	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 18:56	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/14/19 18:56	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 18:56	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/14/19 18:56	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 18:56	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 18:56	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 18:56	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 18:56	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/14/19 18:56	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 18:56	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 18:56	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 18:56	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/14/19 18:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: MW-7

Lab Sample ID: 480-154653-12

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 18:56	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/14/19 18:56	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/14/19 18:56	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/14/19 18:56	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:45	06/14/19 18:56	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 18:56	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/14/19 18:56	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/14/19 18:56	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 18:56	1
Fluoranthene	0.43	J	5.0	0.40	ug/L		06/12/19 06:45	06/14/19 18:56	1
Fluorene	0.47	J B	5.0	0.36	ug/L		06/12/19 06:45	06/14/19 18:56	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 18:56	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/14/19 18:56	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 18:56	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 18:56	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 18:56	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/14/19 18:56	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 18:56	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 18:56	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/14/19 18:56	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/14/19 18:56	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 18:56	1
Phenanthrene	2.3	J B	5.0	0.44	ug/L		06/12/19 06:45	06/14/19 18:56	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/14/19 18:56	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	85		46 - 120	06/12/19 06:45	06/14/19 18:56	1
Phenol-d5 (Surr)	54		22 - 120	06/12/19 06:45	06/14/19 18:56	1
p-Terphenyl-d14 (Surr)	78		59 - 136	06/12/19 06:45	06/14/19 18:56	1
2,4,6-Tribromophenol (Surr)	90		41 - 120	06/12/19 06:45	06/14/19 18:56	1
2-Fluorobiphenyl	95		48 - 120	06/12/19 06:45	06/14/19 18:56	1
2-Fluorophenol (Surr)	71		35 - 120	06/12/19 06:45	06/14/19 18:56	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.049	0.0079	ug/L		06/11/19 07:42	06/11/19 15:53	1
alpha-BHC	ND		0.049	0.0075	ug/L		06/11/19 07:42	06/11/19 15:53	1
beta-BHC	ND		0.049	0.024	ug/L		06/11/19 07:42	06/11/19 15:53	1
delta-BHC	ND		0.049	0.0097	ug/L		06/11/19 07:42	06/11/19 15:53	1
gamma-BHC (Lindane)	ND		0.049	0.0078	ug/L		06/11/19 07:42	06/11/19 15:53	1
Chlordane (technical)	ND		0.49	0.28	ug/L		06/11/19 07:42	06/11/19 15:53	1
4,4'-DDD	ND		0.049	0.0089	ug/L		06/11/19 07:42	06/11/19 15:53	1
4,4'-DDE	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 15:53	1
4,4'-DDT	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 15:53	1
Dieldrin	ND		0.049	0.0095	ug/L		06/11/19 07:42	06/11/19 15:53	1
Endosulfan I	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 15:53	1
Endosulfan II	ND		0.049	0.012	ug/L		06/11/19 07:42	06/11/19 15:53	1
Endosulfan sulfate	ND		0.049	0.015	ug/L		06/11/19 07:42	06/11/19 15:53	1
Endrin	ND		0.049	0.013	ug/L		06/11/19 07:42	06/11/19 15:53	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: MW-7

Lab Sample ID: 480-154653-12

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.049	0.016	ug/L		06/11/19 07:42	06/11/19 15:53	1
Heptachlor	ND		0.049	0.0083	ug/L		06/11/19 07:42	06/11/19 15:53	1
Heptachlor epoxide	ND		0.049	0.0072	ug/L		06/11/19 07:42	06/11/19 15:53	1
Toxaphene	ND		0.49	0.12	ug/L		06/11/19 07:42	06/11/19 15:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		23 - 120				06/11/19 07:42	06/11/19 15:53	1
DCB Decachlorobiphenyl	50		23 - 120				06/11/19 07:42	06/11/19 15:53	1
Tetrachloro-m-xylene	74		44 - 120				06/11/19 07:42	06/11/19 15:53	1
Tetrachloro-m-xylene	61		44 - 120				06/11/19 07:42	06/11/19 15:53	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 16:37	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 16:37	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 16:37	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 16:37	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 16:37	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 16:37	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	41		36 - 121				06/11/19 15:27	06/12/19 16:37	1
DCB Decachlorobiphenyl	49		36 - 121				06/11/19 15:27	06/12/19 16:37	1
Tetrachloro-m-xylene	73		42 - 135				06/11/19 15:27	06/12/19 16:37	1
Tetrachloro-m-xylene	73		42 - 135				06/11/19 15:27	06/12/19 16:37	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24.5	F1	0.20	0.060	mg/L		06/12/19 07:41	06/17/19 12:26	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 12:26	1
Arsenic	0.012	J	0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 12:26	1
Barium	0.32		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 12:26	1
Beryllium	0.0011	J	0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 12:26	1
Cadmium	0.0018	J	0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 12:26	1
Calcium	233		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:26	1
Chromium	0.077		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 12:26	1
Cobalt	0.017		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 12:26	1
Copper	0.15		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 12:26	1
Iron	28.2	B F1	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 12:26	1
Lead	0.53		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 12:26	1
Magnesium	43.2		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 12:26	1
Manganese	0.89	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 12:26	1
Nickel	0.11		0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 12:26	1
Potassium	8.2		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:26	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 12:26	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 12:26	1
Sodium	36.8		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 12:26	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 12:26	1
Vanadium	0.038		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 12:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: MW-7

Lab Sample ID: 480-154653-12

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.30		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 13:24	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00012	J	0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 15:08	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-05A

Lab Sample ID: 480-154653-13

Date Collected: 06/06/19 14:25

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 19:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 19:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 19:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 19:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 19:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 19:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 19:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 19:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 19:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 19:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 19:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 19:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 19:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 19:10	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 19:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 19:10	1
Acetone	ND		10	3.0	ug/L			06/08/19 19:10	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 19:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 19:10	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 19:10	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 19:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 19:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 19:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 19:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 19:10	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 19:10	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 19:10	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 19:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 19:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 19:10	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 19:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 19:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 19:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 19:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 19:10	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 19:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 19:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 19:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 19:10	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 19:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 19:10	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 19:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 19:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 19:10	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 19:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 19:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 19:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 19:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-05A

Lab Sample ID: 480-154653-13

Date Collected: 06/06/19 14:25

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 19:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120					06/08/19 19:10	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					06/08/19 19:10	1
4-Bromofluorobenzene (Surr)	87		73 - 120					06/08/19 19:10	1
Dibromofluoromethane (Surr)	96		75 - 123					06/08/19 19:10	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/15/19 00:41	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/15/19 00:41	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/15/19 00:41	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/15/19 00:41	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/15/19 00:41	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/15/19 00:41	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/15/19 00:41	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/15/19 00:41	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 00:41	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/15/19 00:41	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/15/19 00:41	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 00:41	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/15/19 00:41	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/15/19 00:41	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/15/19 00:41	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 00:41	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/15/19 00:41	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/15/19 00:41	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/15/19 00:41	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/15/19 00:41	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/15/19 00:41	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/15/19 00:41	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/15/19 00:41	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/15/19 00:41	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/15/19 00:41	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/15/19 00:41	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/15/19 00:41	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/15/19 00:41	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/15/19 00:41	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/15/19 00:41	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/15/19 00:41	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/15/19 00:41	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/15/19 00:41	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/15/19 00:41	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/15/19 00:41	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/15/19 00:41	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/15/19 00:41	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 00:41	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/15/19 00:41	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/15/19 00:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-05A

Lab Sample ID: 480-154653-13

Date Collected: 06/06/19 14:25

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/15/19 00:41	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/15/19 00:41	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/15/19 00:41	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/15/19 00:41	1
Di-n-butyl phthalate	0.32	J	5.0	0.31	ug/L		06/12/19 06:45	06/15/19 00:41	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/15/19 00:41	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/15/19 00:41	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/15/19 00:41	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/15/19 00:41	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 00:41	1
Fluorene	0.39	J B	5.0	0.36	ug/L		06/12/19 06:45	06/15/19 00:41	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/15/19 00:41	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/15/19 00:41	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/15/19 00:41	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/15/19 00:41	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/15/19 00:41	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/15/19 00:41	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/15/19 00:41	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/15/19 00:41	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/15/19 00:41	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/15/19 00:41	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/15/19 00:41	1
Phenanthrene	1.9	J B	5.0	0.44	ug/L		06/12/19 06:45	06/15/19 00:41	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/15/19 00:41	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/15/19 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	86		46 - 120	06/12/19 06:45	06/15/19 00:41	1
Phenol-d5 (Surr)	58		22 - 120	06/12/19 06:45	06/15/19 00:41	1
p-Terphenyl-d14 (Surr)	80		59 - 136	06/12/19 06:45	06/15/19 00:41	1
2,4,6-Tribromophenol (Surr)	78		41 - 120	06/12/19 06:45	06/15/19 00:41	1
2-Fluorobiphenyl	95		48 - 120	06/12/19 06:45	06/15/19 00:41	1
2-Fluorophenol (Surr)	73		35 - 120	06/12/19 06:45	06/15/19 00:41	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.049	0.0079	ug/L		06/11/19 07:42	06/11/19 20:09	1
alpha-BHC	ND		0.049	0.0075	ug/L		06/11/19 07:42	06/11/19 20:09	1
beta-BHC	ND		0.049	0.024	ug/L		06/11/19 07:42	06/11/19 20:09	1
delta-BHC	ND		0.049	0.0097	ug/L		06/11/19 07:42	06/11/19 20:09	1
gamma-BHC (Lindane)	ND		0.049	0.0078	ug/L		06/11/19 07:42	06/11/19 20:09	1
Chlordane (technical)	ND		0.49	0.28	ug/L		06/11/19 07:42	06/11/19 20:09	1
4,4'-DDD	ND		0.049	0.0089	ug/L		06/11/19 07:42	06/11/19 20:09	1
4,4'-DDE	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 20:09	1
4,4'-DDT	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 20:09	1
Dieldrin	ND		0.049	0.0095	ug/L		06/11/19 07:42	06/11/19 20:09	1
Endosulfan I	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 20:09	1
Endosulfan II	ND		0.049	0.012	ug/L		06/11/19 07:42	06/11/19 20:09	1
Endosulfan sulfate	ND		0.049	0.015	ug/L		06/11/19 07:42	06/11/19 20:09	1
Endrin	ND		0.049	0.013	ug/L		06/11/19 07:42	06/11/19 20:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-05A

Lab Sample ID: 480-154653-13

Date Collected: 06/06/19 14:25

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.049	0.016	ug/L		06/11/19 07:42	06/11/19 20:09	1
Heptachlor	ND		0.049	0.0083	ug/L		06/11/19 07:42	06/11/19 20:09	1
Heptachlor epoxide	ND		0.049	0.0072	ug/L		06/11/19 07:42	06/11/19 20:09	1
Toxaphene	ND		0.49	0.12	ug/L		06/11/19 07:42	06/11/19 20:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		23 - 120				06/11/19 07:42	06/11/19 20:09	1
DCB Decachlorobiphenyl	90		23 - 120				06/11/19 07:42	06/11/19 20:09	1
Tetrachloro-m-xylene	83		44 - 120				06/11/19 07:42	06/11/19 20:09	1
Tetrachloro-m-xylene	68		44 - 120				06/11/19 07:42	06/11/19 20:09	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:36	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:36	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:36	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:36	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:36	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 19:36	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		36 - 121				06/11/19 15:27	06/12/19 19:36	1
DCB Decachlorobiphenyl	94		36 - 121				06/11/19 15:27	06/12/19 19:36	1
Tetrachloro-m-xylene	83		42 - 135				06/11/19 15:27	06/12/19 19:36	1
Tetrachloro-m-xylene	69		42 - 135				06/11/19 15:27	06/12/19 19:36	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.14	J	0.20	0.060	mg/L		06/12/19 07:41	06/17/19 12:56	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 12:56	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 12:56	1
Barium	0.10		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 12:56	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 12:56	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 12:56	1
Calcium	154		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:56	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 12:56	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 12:56	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 12:56	1
Iron	0.15	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 12:56	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 12:56	1
Magnesium	38.6		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 12:56	1
Manganese	0.15	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 12:56	1
Nickel	ND		0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 12:56	1
Potassium	1.2		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 12:56	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 12:56	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 12:56	1
Sodium	13.6		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 12:56	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 12:56	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 12:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-05A

Lab Sample ID: 480-154653-13

Date Collected: 06/06/19 14:25

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 13:53	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 13:58	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: DUP-060719-1

Lab Sample ID: 480-154653-14

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/10/19 15:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/10/19 15:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/10/19 15:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/10/19 15:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/10/19 15:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/10/19 15:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/10/19 15:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/10/19 15:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/10/19 15:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/10/19 15:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/10/19 15:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/10/19 15:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/10/19 15:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/10/19 15:14	1
2-Hexanone	ND		5.0	1.2	ug/L			06/10/19 15:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/10/19 15:14	1
Acetone	ND		10	3.0	ug/L			06/10/19 15:14	1
Benzene	ND		1.0	0.41	ug/L			06/10/19 15:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/10/19 15:14	1
Bromoform	ND		1.0	0.26	ug/L			06/10/19 15:14	1
Bromomethane	ND		1.0	0.69	ug/L			06/10/19 15:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/10/19 15:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/10/19 15:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/10/19 15:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/10/19 15:14	1
Chloroethane	ND		1.0	0.32	ug/L			06/10/19 15:14	1
Chloroform	ND		1.0	0.34	ug/L			06/10/19 15:14	1
Chloromethane	ND		1.0	0.35	ug/L			06/10/19 15:14	1
cis-1,2-Dichloroethene	15		1.0	0.81	ug/L			06/10/19 15:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/10/19 15:14	1
Cyclohexane	ND		1.0	0.18	ug/L			06/10/19 15:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/10/19 15:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/10/19 15:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/10/19 15:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/10/19 15:14	1
Methyl acetate	ND		2.5	1.3	ug/L			06/10/19 15:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/10/19 15:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/10/19 15:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/10/19 15:14	1
Styrene	ND		1.0	0.73	ug/L			06/10/19 15:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/10/19 15:14	1
Toluene	ND		1.0	0.51	ug/L			06/10/19 15:14	1
trans-1,2-Dichloroethene	3.4		1.0	0.90	ug/L			06/10/19 15:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/10/19 15:14	1
Trichloroethene	3.5		1.0	0.46	ug/L			06/10/19 15:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/10/19 15:14	1
Vinyl chloride	1.7		1.0	0.90	ug/L			06/10/19 15:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/10/19 15:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: DUP-060719-1

Lab Sample ID: 480-154653-14

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/10/19 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120					06/10/19 15:14	1
1,2-Dichloroethane-d4 (Surr)	97		77 - 120					06/10/19 15:14	1
4-Bromofluorobenzene (Surr)	91		73 - 120					06/10/19 15:14	1
Dibromofluoromethane (Surr)	97		75 - 123					06/10/19 15:14	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/15/19 01:10	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/15/19 01:10	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/15/19 01:10	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/15/19 01:10	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/15/19 01:10	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/15/19 01:10	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/15/19 01:10	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/15/19 01:10	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 01:10	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/15/19 01:10	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/15/19 01:10	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 01:10	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/15/19 01:10	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/15/19 01:10	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/15/19 01:10	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 01:10	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/15/19 01:10	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/15/19 01:10	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/15/19 01:10	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/15/19 01:10	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/15/19 01:10	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/15/19 01:10	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/15/19 01:10	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/15/19 01:10	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/15/19 01:10	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/15/19 01:10	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/15/19 01:10	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/15/19 01:10	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/15/19 01:10	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/15/19 01:10	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/15/19 01:10	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/15/19 01:10	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/15/19 01:10	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/15/19 01:10	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/15/19 01:10	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/15/19 01:10	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/15/19 01:10	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 01:10	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/15/19 01:10	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/15/19 01:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: DUP-060719-1

Lab Sample ID: 480-154653-14

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/15/19 01:10	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/15/19 01:10	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/15/19 01:10	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/15/19 01:10	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:45	06/15/19 01:10	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/15/19 01:10	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/15/19 01:10	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/15/19 01:10	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/15/19 01:10	1
Fluoranthene	0.45	J	5.0	0.40	ug/L		06/12/19 06:45	06/15/19 01:10	1
Fluorene	0.56	J B	5.0	0.36	ug/L		06/12/19 06:45	06/15/19 01:10	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/15/19 01:10	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/15/19 01:10	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/15/19 01:10	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/15/19 01:10	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/15/19 01:10	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/15/19 01:10	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/15/19 01:10	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/15/19 01:10	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/15/19 01:10	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/15/19 01:10	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/15/19 01:10	1
Phenanthrene	2.6	J B	5.0	0.44	ug/L		06/12/19 06:45	06/15/19 01:10	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/15/19 01:10	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/15/19 01:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	86		46 - 120	06/12/19 06:45	06/15/19 01:10	1
Phenol-d5 (Surr)	57		22 - 120	06/12/19 06:45	06/15/19 01:10	1
p-Terphenyl-d14 (Surr)	82		59 - 136	06/12/19 06:45	06/15/19 01:10	1
2,4,6-Tribromophenol (Surr)	89		41 - 120	06/12/19 06:45	06/15/19 01:10	1
2-Fluorobiphenyl	99		48 - 120	06/12/19 06:45	06/15/19 01:10	1
2-Fluorophenol (Surr)	76		35 - 120	06/12/19 06:45	06/15/19 01:10	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.049	0.0079	ug/L		06/11/19 07:42	06/11/19 20:28	1
alpha-BHC	ND		0.049	0.0075	ug/L		06/11/19 07:42	06/11/19 20:28	1
beta-BHC	ND		0.049	0.024	ug/L		06/11/19 07:42	06/11/19 20:28	1
delta-BHC	ND		0.049	0.0097	ug/L		06/11/19 07:42	06/11/19 20:28	1
gamma-BHC (Lindane)	ND		0.049	0.0078	ug/L		06/11/19 07:42	06/11/19 20:28	1
Chlordane (technical)	ND		0.49	0.28	ug/L		06/11/19 07:42	06/11/19 20:28	1
4,4'-DDD	ND		0.049	0.0089	ug/L		06/11/19 07:42	06/11/19 20:28	1
4,4'-DDE	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 20:28	1
4,4'-DDT	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 20:28	1
Dieldrin	ND		0.049	0.0095	ug/L		06/11/19 07:42	06/11/19 20:28	1
Endosulfan I	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 20:28	1
Endosulfan II	ND		0.049	0.012	ug/L		06/11/19 07:42	06/11/19 20:28	1
Endosulfan sulfate	ND		0.049	0.015	ug/L		06/11/19 07:42	06/11/19 20:28	1
Endrin	ND		0.049	0.013	ug/L		06/11/19 07:42	06/11/19 20:28	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: DUP-060719-1

Lab Sample ID: 480-154653-14

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.049	0.016	ug/L		06/11/19 07:42	06/11/19 20:28	1
Heptachlor	ND		0.049	0.0083	ug/L		06/11/19 07:42	06/11/19 20:28	1
Heptachlor epoxide	ND		0.049	0.0072	ug/L		06/11/19 07:42	06/11/19 20:28	1
Toxaphene	ND		0.49	0.12	ug/L		06/11/19 07:42	06/11/19 20:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		23 - 120				06/11/19 07:42	06/11/19 20:28	1
DCB Decachlorobiphenyl	65		23 - 120				06/11/19 07:42	06/11/19 20:28	1
Tetrachloro-m-xylene	67		44 - 120				06/11/19 07:42	06/11/19 20:28	1
Tetrachloro-m-xylene	66		44 - 120				06/11/19 07:42	06/11/19 20:28	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:49	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:49	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:49	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:49	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 19:49	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 19:49	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	49		36 - 121				06/11/19 15:27	06/12/19 19:49	1
DCB Decachlorobiphenyl	53		36 - 121				06/11/19 15:27	06/12/19 19:49	1
Tetrachloro-m-xylene	82		42 - 135				06/11/19 15:27	06/12/19 19:49	1
Tetrachloro-m-xylene	65		42 - 135				06/11/19 15:27	06/12/19 19:49	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.1		0.20	0.060	mg/L		06/12/19 07:41	06/17/19 13:00	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 13:00	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 13:00	1
Barium	0.082		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 13:00	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 13:00	1
Cadmium	0.00068	J	0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 13:00	1
Calcium	186		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 13:00	1
Chromium	0.0063		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 13:00	1
Cobalt	0.0010	J	0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 13:00	1
Copper	0.014		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 13:00	1
Iron	1.4	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 13:00	1
Lead	0.032		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 13:00	1
Magnesium	40.9		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 13:00	1
Manganese	0.17	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 13:00	1
Nickel	0.014		0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 13:00	1
Potassium	3.4		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 13:00	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 13:00	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 13:00	1
Sodium	60.6		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 13:00	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 13:00	1
Vanadium	0.0034	J	0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 13:00	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: DUP-060719-1

Lab Sample ID: 480-154653-14

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.048		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 13:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 15:14	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-9

Lab Sample ID: 480-154653-15

Date Collected: 06/07/19 14:00

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 19:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 19:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 19:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 19:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 19:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 19:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 19:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 19:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 19:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 19:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 19:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 19:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 19:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 19:58	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 19:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 19:58	1
Acetone	ND		10	3.0	ug/L			06/08/19 19:58	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 19:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 19:58	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 19:58	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 19:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 19:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 19:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 19:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 19:58	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 19:58	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 19:58	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 19:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 19:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 19:58	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 19:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 19:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 19:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 19:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 19:58	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 19:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 19:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 19:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 19:58	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 19:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 19:58	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 19:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 19:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 19:58	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 19:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 19:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 19:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 19:58	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-9

Lab Sample ID: 480-154653-15

Date Collected: 06/07/19 14:00

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 19:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		80 - 120					06/08/19 19:58	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120					06/08/19 19:58	1
4-Bromofluorobenzene (Surr)	89		73 - 120					06/08/19 19:58	1
Dibromofluoromethane (Surr)	93		75 - 123					06/08/19 19:58	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/15/19 01:38	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/15/19 01:38	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/15/19 01:38	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/15/19 01:38	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/15/19 01:38	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/15/19 01:38	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/15/19 01:38	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/15/19 01:38	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 01:38	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/15/19 01:38	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/15/19 01:38	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 01:38	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/15/19 01:38	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/15/19 01:38	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/15/19 01:38	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 01:38	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/15/19 01:38	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/15/19 01:38	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/15/19 01:38	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/15/19 01:38	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/15/19 01:38	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/15/19 01:38	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/15/19 01:38	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/15/19 01:38	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/15/19 01:38	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/15/19 01:38	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/15/19 01:38	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/15/19 01:38	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/15/19 01:38	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/15/19 01:38	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/15/19 01:38	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/15/19 01:38	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/15/19 01:38	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/15/19 01:38	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/15/19 01:38	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/15/19 01:38	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/15/19 01:38	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 01:38	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/15/19 01:38	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/15/19 01:38	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-9

Lab Sample ID: 480-154653-15

Date Collected: 06/07/19 14:00

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/15/19 01:38	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/15/19 01:38	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/15/19 01:38	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/15/19 01:38	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:45	06/15/19 01:38	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/15/19 01:38	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/15/19 01:38	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/15/19 01:38	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/15/19 01:38	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/15/19 01:38	1
Fluorene	0.51	J B	5.0	0.36	ug/L		06/12/19 06:45	06/15/19 01:38	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/15/19 01:38	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/15/19 01:38	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/15/19 01:38	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/15/19 01:38	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/15/19 01:38	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/15/19 01:38	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/15/19 01:38	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/15/19 01:38	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/15/19 01:38	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/15/19 01:38	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/15/19 01:38	1
Phenanthrene	2.6	J B	5.0	0.44	ug/L		06/12/19 06:45	06/15/19 01:38	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/15/19 01:38	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/15/19 01:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	88		46 - 120	06/12/19 06:45	06/15/19 01:38	1
Phenol-d5 (Surr)	59		22 - 120	06/12/19 06:45	06/15/19 01:38	1
p-Terphenyl-d14 (Surr)	71		59 - 136	06/12/19 06:45	06/15/19 01:38	1
2,4,6-Tribromophenol (Surr)	83		41 - 120	06/12/19 06:45	06/15/19 01:38	1
2-Fluorobiphenyl	97		48 - 120	06/12/19 06:45	06/15/19 01:38	1
2-Fluorophenol (Surr)	74		35 - 120	06/12/19 06:45	06/15/19 01:38	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.049	0.0079	ug/L		06/11/19 07:42	06/11/19 20:48	1
alpha-BHC	ND		0.049	0.0075	ug/L		06/11/19 07:42	06/11/19 20:48	1
beta-BHC	ND		0.049	0.024	ug/L		06/11/19 07:42	06/11/19 20:48	1
delta-BHC	ND		0.049	0.0098	ug/L		06/11/19 07:42	06/11/19 20:48	1
gamma-BHC (Lindane)	ND		0.049	0.0078	ug/L		06/11/19 07:42	06/11/19 20:48	1
Chlordane (technical)	ND		0.49	0.28	ug/L		06/11/19 07:42	06/11/19 20:48	1
4,4'-DDD	ND		0.049	0.0090	ug/L		06/11/19 07:42	06/11/19 20:48	1
4,4'-DDE	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 20:48	1
4,4'-DDT	0.018	J	0.049	0.011	ug/L		06/11/19 07:42	06/11/19 20:48	1
Dieldrin	ND		0.049	0.0096	ug/L		06/11/19 07:42	06/11/19 20:48	1
Endosulfan I	ND		0.049	0.011	ug/L		06/11/19 07:42	06/11/19 20:48	1
Endosulfan II	ND		0.049	0.012	ug/L		06/11/19 07:42	06/11/19 20:48	1
Endosulfan sulfate	ND		0.049	0.015	ug/L		06/11/19 07:42	06/11/19 20:48	1
Endrin	ND		0.049	0.014	ug/L		06/11/19 07:42	06/11/19 20:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-9

Lab Sample ID: 480-154653-15

Date Collected: 06/07/19 14:00

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.049	0.016	ug/L		06/11/19 07:42	06/11/19 20:48	1
Heptachlor	ND		0.049	0.0083	ug/L		06/11/19 07:42	06/11/19 20:48	1
Heptachlor epoxide	ND		0.049	0.0073	ug/L		06/11/19 07:42	06/11/19 20:48	1
Toxaphene	ND		0.49	0.12	ug/L		06/11/19 07:42	06/11/19 20:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	83		23 - 120				06/11/19 07:42	06/11/19 20:48	1
DCB Decachlorobiphenyl	85		23 - 120				06/11/19 07:42	06/11/19 20:48	1
Tetrachloro-m-xylene	80		44 - 120				06/11/19 07:42	06/11/19 20:48	1
Tetrachloro-m-xylene	69		44 - 120				06/11/19 07:42	06/11/19 20:48	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 20:27	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 20:27	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 20:27	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 20:27	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 20:27	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 20:27	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 20:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	96		36 - 121				06/11/19 15:27	06/12/19 20:27	1
DCB Decachlorobiphenyl	95		36 - 121				06/11/19 15:27	06/12/19 20:27	1
Tetrachloro-m-xylene	77		42 - 135				06/11/19 15:27	06/12/19 20:27	1
Tetrachloro-m-xylene	68		42 - 135				06/11/19 15:27	06/12/19 20:27	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.079	J	0.20	0.060	mg/L		06/12/19 07:41	06/17/19 13:04	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 13:04	1
Arsenic	0.0068	J	0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 13:04	1
Barium	0.028		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 13:04	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 13:04	1
Cadmium	0.0014	J	0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 13:04	1
Calcium	267		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 13:04	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 13:04	1
Cobalt	0.0053		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 13:04	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 13:04	1
Iron	2.3	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 13:04	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 13:04	1
Magnesium	75.8		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 13:04	1
Manganese	1.2	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 13:04	1
Nickel	0.0096	J	0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 13:04	1
Potassium	2.4		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 13:04	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 13:04	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 13:04	1
Sodium	36.2		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 13:04	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 13:04	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 13:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-9

Lab Sample ID: 480-154653-15

Date Collected: 06/07/19 14:00

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 14:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 15:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND	F1	0.010	0.0050	mg/L			06/08/19 11:33	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-13

Lab Sample ID: 480-154653-16

Date Collected: 06/07/19 14:15

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 20:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 20:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 20:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 20:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 20:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 20:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 20:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 20:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 20:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 20:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 20:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 20:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 20:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 20:22	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 20:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 20:22	1
Acetone	ND		10	3.0	ug/L			06/08/19 20:22	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 20:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 20:22	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 20:22	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 20:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 20:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 20:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 20:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 20:22	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 20:22	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 20:22	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 20:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 20:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 20:22	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 20:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 20:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 20:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 20:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 20:22	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 20:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 20:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 20:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 20:22	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 20:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 20:22	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 20:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 20:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 20:22	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 20:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 20:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 20:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 20:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-13

Lab Sample ID: 480-154653-16

Date Collected: 06/07/19 14:15

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120					06/08/19 20:22	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					06/08/19 20:22	1
4-Bromofluorobenzene (Surr)	90		73 - 120					06/08/19 20:22	1
Dibromofluoromethane (Surr)	99		75 - 123					06/08/19 20:22	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.2	0.68	ug/L		06/12/19 06:45	06/17/19 16:37	1
bis (2-chloroisopropyl) ether	ND		5.2	0.54	ug/L		06/12/19 06:45	06/17/19 16:37	1
2,4,5-Trichlorophenol	ND		5.2	0.50	ug/L		06/12/19 06:45	06/17/19 16:37	1
2,4,6-Trichlorophenol	ND		5.2	0.64	ug/L		06/12/19 06:45	06/17/19 16:37	1
2,4-Dichlorophenol	ND		5.2	0.53	ug/L		06/12/19 06:45	06/17/19 16:37	1
2,4-Dimethylphenol	ND		5.2	0.52	ug/L		06/12/19 06:45	06/17/19 16:37	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		06/12/19 06:45	06/17/19 16:37	1
2,4-Dinitrotoluene	ND		5.2	0.47	ug/L		06/12/19 06:45	06/17/19 16:37	1
2,6-Dinitrotoluene	ND		5.2	0.42	ug/L		06/12/19 06:45	06/17/19 16:37	1
2-Chloronaphthalene	ND		5.2	0.48	ug/L		06/12/19 06:45	06/17/19 16:37	1
2-Chlorophenol	ND		5.2	0.55	ug/L		06/12/19 06:45	06/17/19 16:37	1
2-Methylphenol	ND		5.2	0.42	ug/L		06/12/19 06:45	06/17/19 16:37	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		06/12/19 06:45	06/17/19 16:37	1
2-Nitroaniline	ND		10	0.44	ug/L		06/12/19 06:45	06/17/19 16:37	1
2-Nitrophenol	ND		5.2	0.50	ug/L		06/12/19 06:45	06/17/19 16:37	1
3,3'-Dichlorobenzidine	ND		5.2	0.42	ug/L		06/12/19 06:45	06/17/19 16:37	1
3-Nitroaniline	ND		10	0.50	ug/L		06/12/19 06:45	06/17/19 16:37	1
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L		06/12/19 06:45	06/17/19 16:37	1
4-Bromophenyl phenyl ether	ND		5.2	0.47	ug/L		06/12/19 06:45	06/17/19 16:37	1
4-Chloro-3-methylphenol	ND		5.2	0.47	ug/L		06/12/19 06:45	06/17/19 16:37	1
4-Chloroaniline	ND		5.2	0.61	ug/L		06/12/19 06:45	06/17/19 16:37	1
4-Chlorophenyl phenyl ether	ND		5.2	0.36	ug/L		06/12/19 06:45	06/17/19 16:37	1
4-Methylphenol	ND		10	0.38	ug/L		06/12/19 06:45	06/17/19 16:37	1
4-Nitroaniline	ND		10	0.26	ug/L		06/12/19 06:45	06/17/19 16:37	1
4-Nitrophenol	ND		10	1.6	ug/L		06/12/19 06:45	06/17/19 16:37	1
Acenaphthene	ND		5.2	0.43	ug/L		06/12/19 06:45	06/17/19 16:37	1
Acenaphthylene	ND		5.2	0.40	ug/L		06/12/19 06:45	06/17/19 16:37	1
Acetophenone	ND		5.2	0.56	ug/L		06/12/19 06:45	06/17/19 16:37	1
Anthracene	ND		5.2	0.29	ug/L		06/12/19 06:45	06/17/19 16:37	1
Atrazine	ND		5.2	0.48	ug/L		06/12/19 06:45	06/17/19 16:37	1
Benzaldehyde	ND		5.2	0.28	ug/L		06/12/19 06:45	06/17/19 16:37	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		06/12/19 06:45	06/17/19 16:37	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		06/12/19 06:45	06/17/19 16:37	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		06/12/19 06:45	06/17/19 16:37	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		06/12/19 06:45	06/17/19 16:37	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		06/12/19 06:45	06/17/19 16:37	1
Bis(2-chloroethoxy)methane	ND		5.2	0.36	ug/L		06/12/19 06:45	06/17/19 16:37	1
Bis(2-chloroethyl)ether	ND		5.2	0.42	ug/L		06/12/19 06:45	06/17/19 16:37	1
Bis(2-ethylhexyl) phthalate	ND		5.2	2.3	ug/L		06/12/19 06:45	06/17/19 16:37	1
Butyl benzyl phthalate	ND		5.2	1.0	ug/L		06/12/19 06:45	06/17/19 16:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-13

Lab Sample ID: 480-154653-16

Date Collected: 06/07/19 14:15

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.2	2.3	ug/L		06/12/19 06:45	06/17/19 16:37	1
Carbazole	ND		5.2	0.31	ug/L		06/12/19 06:45	06/17/19 16:37	1
Chrysene	ND		5.2	0.34	ug/L		06/12/19 06:45	06/17/19 16:37	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		06/12/19 06:45	06/17/19 16:37	1
Di-n-butyl phthalate	ND		5.2	0.32	ug/L		06/12/19 06:45	06/17/19 16:37	1
Di-n-octyl phthalate	ND		5.2	0.49	ug/L		06/12/19 06:45	06/17/19 16:37	1
Dibenzofuran	ND		10	0.53	ug/L		06/12/19 06:45	06/17/19 16:37	1
Diethyl phthalate	ND		5.2	0.23	ug/L		06/12/19 06:45	06/17/19 16:37	1
Dimethyl phthalate	ND		5.2	0.38	ug/L		06/12/19 06:45	06/17/19 16:37	1
Fluoranthene	ND		5.2	0.42	ug/L		06/12/19 06:45	06/17/19 16:37	1
Fluorene	0.57	J B	5.2	0.38	ug/L		06/12/19 06:45	06/17/19 16:37	1
Hexachlorobenzene	ND		5.2	0.53	ug/L		06/12/19 06:45	06/17/19 16:37	1
Hexachlorobutadiene	ND		5.2	0.71	ug/L		06/12/19 06:45	06/17/19 16:37	1
Hexachlorocyclopentadiene	ND		5.2	0.61	ug/L		06/12/19 06:45	06/17/19 16:37	1
Hexachloroethane	ND		5.2	0.61	ug/L		06/12/19 06:45	06/17/19 16:37	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		06/12/19 06:45	06/17/19 16:37	1
Isophorone	ND		5.2	0.45	ug/L		06/12/19 06:45	06/17/19 16:37	1
N-Nitrosodi-n-propylamine	ND		5.2	0.56	ug/L		06/12/19 06:45	06/17/19 16:37	1
N-Nitrosodiphenylamine	ND		5.2	0.53	ug/L		06/12/19 06:45	06/17/19 16:37	1
Naphthalene	ND		5.2	0.79	ug/L		06/12/19 06:45	06/17/19 16:37	1
Nitrobenzene	ND		5.2	0.30	ug/L		06/12/19 06:45	06/17/19 16:37	1
Pentachlorophenol	ND		10	2.3	ug/L		06/12/19 06:45	06/17/19 16:37	1
Phenanthrene	2.8	J B	5.2	0.46	ug/L		06/12/19 06:45	06/17/19 16:37	1
Phenol	ND		5.2	0.41	ug/L		06/12/19 06:45	06/17/19 16:37	1
Pyrene	ND		5.2	0.35	ug/L		06/12/19 06:45	06/17/19 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	91		46 - 120	06/12/19 06:45	06/17/19 16:37	1
Phenol-d5 (Surr)	60		22 - 120	06/12/19 06:45	06/17/19 16:37	1
p-Terphenyl-d14 (Surr)	84		59 - 136	06/12/19 06:45	06/17/19 16:37	1
2,4,6-Tribromophenol (Surr)	79		41 - 120	06/12/19 06:45	06/17/19 16:37	1
2-Fluorobiphenyl	104		48 - 120	06/12/19 06:45	06/17/19 16:37	1
2-Fluorophenol (Surr)	77		35 - 120	06/12/19 06:45	06/17/19 16:37	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0077	ug/L		06/11/19 07:42	06/11/19 21:08	1
alpha-BHC	ND		0.048	0.0073	ug/L		06/11/19 07:42	06/11/19 21:08	1
beta-BHC	ND		0.048	0.024	ug/L		06/11/19 07:42	06/11/19 21:08	1
delta-BHC	ND		0.048	0.0095	ug/L		06/11/19 07:42	06/11/19 21:08	1
gamma-BHC (Lindane)	ND		0.048	0.0076	ug/L		06/11/19 07:42	06/11/19 21:08	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/11/19 07:42	06/11/19 21:08	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/11/19 07:42	06/11/19 21:08	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 21:08	1
4,4'-DDT	ND		0.048	0.010	ug/L		06/11/19 07:42	06/11/19 21:08	1
Dieldrin	ND		0.048	0.0093	ug/L		06/11/19 07:42	06/11/19 21:08	1
Endosulfan I	ND		0.048	0.010	ug/L		06/11/19 07:42	06/11/19 21:08	1
Endosulfan II	ND		0.048	0.011	ug/L		06/11/19 07:42	06/11/19 21:08	1
Endosulfan sulfate	ND		0.048	0.015	ug/L		06/11/19 07:42	06/11/19 21:08	1
Endrin	ND		0.048	0.013	ug/L		06/11/19 07:42	06/11/19 21:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-13

Lab Sample ID: 480-154653-16

Date Collected: 06/07/19 14:15

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/11/19 07:42	06/11/19 21:08	1
Heptachlor	ND		0.048	0.0081	ug/L		06/11/19 07:42	06/11/19 21:08	1
Heptachlor epoxide	ND		0.048	0.0070	ug/L		06/11/19 07:42	06/11/19 21:08	1
Toxaphene	ND		0.48	0.11	ug/L		06/11/19 07:42	06/11/19 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		23 - 120	06/11/19 07:42	06/11/19 21:08	1
DCB Decachlorobiphenyl	83		23 - 120	06/11/19 07:42	06/11/19 21:08	1
Tetrachloro-m-xylene	91		44 - 120	06/11/19 07:42	06/11/19 21:08	1
Tetrachloro-m-xylene	73		44 - 120	06/11/19 07:42	06/11/19 21:08	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 20:40	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 20:40	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 20:40	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 20:40	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 20:40	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 20:40	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		36 - 121	06/11/19 15:27	06/12/19 20:40	1
DCB Decachlorobiphenyl	88		36 - 121	06/11/19 15:27	06/12/19 20:40	1
Tetrachloro-m-xylene	70		42 - 135	06/11/19 15:27	06/12/19 20:40	1
Tetrachloro-m-xylene	66		42 - 135	06/11/19 15:27	06/12/19 20:40	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.14	J	0.20	0.060	mg/L		06/12/19 07:41	06/17/19 13:08	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 13:08	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 13:08	1
Barium	0.055		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 13:08	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 13:08	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 13:08	1
Calcium	455		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 13:08	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 13:08	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 13:08	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 13:08	1
Iron	2.2	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 13:08	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 13:08	1
Magnesium	170		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 13:08	1
Manganese	0.19	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 13:08	1
Nickel	0.0029	J	0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 13:08	1
Potassium	7.5		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 13:08	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 13:08	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 13:08	1
Sodium	299		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 13:08	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 13:08	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 13:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-13

Lab Sample ID: 480-154653-16

Date Collected: 06/07/19 14:15

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.13		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 14:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 15:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.010	0.0050	mg/L			06/08/19 11:33	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: MW-8

Lab Sample ID: 480-154653-17

Date Collected: 06/07/19 00:00

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 20:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 20:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 20:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 20:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 20:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 20:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 20:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 20:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 20:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 20:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 20:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 20:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 20:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 20:46	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 20:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 20:46	1
Acetone	ND		10	3.0	ug/L			06/08/19 20:46	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 20:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 20:46	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 20:46	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 20:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 20:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 20:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 20:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 20:46	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 20:46	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 20:46	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 20:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 20:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 20:46	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 20:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 20:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 20:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 20:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 20:46	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 20:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 20:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 20:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 20:46	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 20:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 20:46	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 20:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 20:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 20:46	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 20:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 20:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 20:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 20:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: MW-8

Lab Sample ID: 480-154653-17

Date Collected: 06/07/19 00:00

Matrix: Water

Date Received: 06/07/19 17:40

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/08/19 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120					06/08/19 20:46	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					06/08/19 20:46	1
4-Bromofluorobenzene (Surr)	89		73 - 120					06/08/19 20:46	1
Dibromofluoromethane (Surr)	96		75 - 123					06/08/19 20:46	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		25	3.3	ug/L		06/12/19 06:45	06/18/19 16:29	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		06/12/19 06:45	06/18/19 16:29	5
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		06/12/19 06:45	06/18/19 16:29	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		06/12/19 06:45	06/18/19 16:29	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		06/12/19 06:45	06/18/19 16:29	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		06/12/19 06:45	06/18/19 16:29	5
2,4-Dinitrophenol	ND		50	11	ug/L		06/12/19 06:45	06/18/19 16:29	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		06/12/19 06:45	06/18/19 16:29	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		06/12/19 06:45	06/18/19 16:29	5
2-Chloronaphthalene	ND		25	2.3	ug/L		06/12/19 06:45	06/18/19 16:29	5
2-Chlorophenol	ND		25	2.7	ug/L		06/12/19 06:45	06/18/19 16:29	5
2-Methylphenol	ND		25	2.0	ug/L		06/12/19 06:45	06/18/19 16:29	5
2-Methylnaphthalene	ND		25	3.0	ug/L		06/12/19 06:45	06/18/19 16:29	5
2-Nitroaniline	ND		50	2.1	ug/L		06/12/19 06:45	06/18/19 16:29	5
2-Nitrophenol	ND		25	2.4	ug/L		06/12/19 06:45	06/18/19 16:29	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		06/12/19 06:45	06/18/19 16:29	5
3-Nitroaniline	ND		50	2.4	ug/L		06/12/19 06:45	06/18/19 16:29	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		06/12/19 06:45	06/18/19 16:29	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		06/12/19 06:45	06/18/19 16:29	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		06/12/19 06:45	06/18/19 16:29	5
4-Chloroaniline	ND		25	3.0	ug/L		06/12/19 06:45	06/18/19 16:29	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		06/12/19 06:45	06/18/19 16:29	5
4-Methylphenol	ND		50	1.8	ug/L		06/12/19 06:45	06/18/19 16:29	5
4-Nitroaniline	ND		50	1.3	ug/L		06/12/19 06:45	06/18/19 16:29	5
4-Nitrophenol	ND		50	7.6	ug/L		06/12/19 06:45	06/18/19 16:29	5
Acenaphthene	ND		25	2.1	ug/L		06/12/19 06:45	06/18/19 16:29	5
Acenaphthylene	ND		25	1.9	ug/L		06/12/19 06:45	06/18/19 16:29	5
Acetophenone	ND		25	2.7	ug/L		06/12/19 06:45	06/18/19 16:29	5
Anthracene	ND		25	1.4	ug/L		06/12/19 06:45	06/18/19 16:29	5
Atrazine	ND		25	2.3	ug/L		06/12/19 06:45	06/18/19 16:29	5
Benzaldehyde	ND		25	1.3	ug/L		06/12/19 06:45	06/18/19 16:29	5
Benzo[a]anthracene	ND		25	1.8	ug/L		06/12/19 06:45	06/18/19 16:29	5
Benzo[a]pyrene	ND		25	2.4	ug/L		06/12/19 06:45	06/18/19 16:29	5
Benzo[b]fluoranthene	ND		25	1.7	ug/L		06/12/19 06:45	06/18/19 16:29	5
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		06/12/19 06:45	06/18/19 16:29	5
Benzo[k]fluoranthene	ND		25	3.7	ug/L		06/12/19 06:45	06/18/19 16:29	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		06/12/19 06:45	06/18/19 16:29	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		06/12/19 06:45	06/18/19 16:29	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		06/12/19 06:45	06/18/19 16:29	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		06/12/19 06:45	06/18/19 16:29	5

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: MW-8

Lab Sample ID: 480-154653-17

Date Collected: 06/07/19 00:00

Matrix: Water

Date Received: 06/07/19 17:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		25	11	ug/L		06/12/19 06:45	06/18/19 16:29	5
Carbazole	ND		25	1.5	ug/L		06/12/19 06:45	06/18/19 16:29	5
Chrysene	ND		25	1.7	ug/L		06/12/19 06:45	06/18/19 16:29	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		06/12/19 06:45	06/18/19 16:29	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		06/12/19 06:45	06/18/19 16:29	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		06/12/19 06:45	06/18/19 16:29	5
Dibenzofuran	ND		50	2.6	ug/L		06/12/19 06:45	06/18/19 16:29	5
Diethyl phthalate	ND		25	1.1	ug/L		06/12/19 06:45	06/18/19 16:29	5
Dimethyl phthalate	ND		25	1.8	ug/L		06/12/19 06:45	06/18/19 16:29	5
Fluoranthene	ND		25	2.0	ug/L		06/12/19 06:45	06/18/19 16:29	5
Fluorene	ND		25	1.8	ug/L		06/12/19 06:45	06/18/19 16:29	5
Hexachlorobenzene	ND		25	2.6	ug/L		06/12/19 06:45	06/18/19 16:29	5
Hexachlorobutadiene	ND		25	3.4	ug/L		06/12/19 06:45	06/18/19 16:29	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		06/12/19 06:45	06/18/19 16:29	5
Hexachloroethane	ND		25	3.0	ug/L		06/12/19 06:45	06/18/19 16:29	5
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		06/12/19 06:45	06/18/19 16:29	5
Isophorone	ND		25	2.2	ug/L		06/12/19 06:45	06/18/19 16:29	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		06/12/19 06:45	06/18/19 16:29	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		06/12/19 06:45	06/18/19 16:29	5
Naphthalene	ND		25	3.8	ug/L		06/12/19 06:45	06/18/19 16:29	5
Nitrobenzene	ND		25	1.5	ug/L		06/12/19 06:45	06/18/19 16:29	5
Pentachlorophenol	64		50	11	ug/L		06/12/19 06:45	06/18/19 16:29	5
Phenanthrene	2.3 J B		25	2.2	ug/L		06/12/19 06:45	06/18/19 16:29	5
Phenol	ND		25	2.0	ug/L		06/12/19 06:45	06/18/19 16:29	5
Pyrene	ND		25	1.7	ug/L		06/12/19 06:45	06/18/19 16:29	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	85		46 - 120	06/12/19 06:45	06/18/19 16:29	5
Phenol-d5 (Surr)	57		22 - 120	06/12/19 06:45	06/18/19 16:29	5
p-Terphenyl-d14 (Surr)	83		59 - 136	06/12/19 06:45	06/18/19 16:29	5
2,4,6-Tribromophenol (Surr)	92		41 - 120	06/12/19 06:45	06/18/19 16:29	5
2-Fluorobiphenyl	100		48 - 120	06/12/19 06:45	06/18/19 16:29	5
2-Fluorophenol (Surr)	76		35 - 120	06/12/19 06:45	06/18/19 16:29	5

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0080	ug/L		06/11/19 07:42	06/11/19 21:27	1
alpha-BHC	ND		0.050	0.0076	ug/L		06/11/19 07:42	06/11/19 21:27	1
beta-BHC	ND		0.050	0.025	ug/L		06/11/19 07:42	06/11/19 21:27	1
delta-BHC	ND		0.050	0.0099	ug/L		06/11/19 07:42	06/11/19 21:27	1
gamma-BHC (Lindane)	ND		0.050	0.0079	ug/L		06/11/19 07:42	06/11/19 21:27	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/11/19 07:42	06/11/19 21:27	1
4,4'-DDD	ND		0.050	0.0091	ug/L		06/11/19 07:42	06/11/19 21:27	1
4,4'-DDE	ND		0.050	0.011	ug/L		06/11/19 07:42	06/11/19 21:27	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/11/19 07:42	06/11/19 21:27	1
Dieldrin	ND		0.050	0.0097	ug/L		06/11/19 07:42	06/11/19 21:27	1
Endosulfan I	ND		0.050	0.011	ug/L		06/11/19 07:42	06/11/19 21:27	1
Endosulfan II	ND		0.050	0.012	ug/L		06/11/19 07:42	06/11/19 21:27	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/11/19 07:42	06/11/19 21:27	1
Endrin	ND		0.050	0.014	ug/L		06/11/19 07:42	06/11/19 21:27	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: MW-8

Lab Sample ID: 480-154653-17

Date Collected: 06/07/19 00:00

Matrix: Water

Date Received: 06/07/19 17:40

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/11/19 07:42	06/11/19 21:27	1
Heptachlor	ND		0.050	0.0084	ug/L		06/11/19 07:42	06/11/19 21:27	1
Heptachlor epoxide	ND		0.050	0.0073	ug/L		06/11/19 07:42	06/11/19 21:27	1
Toxaphene	ND		0.50	0.12	ug/L		06/11/19 07:42	06/11/19 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52		23 - 120				06/11/19 07:42	06/11/19 21:27	1
DCB Decachlorobiphenyl	56		23 - 120				06/11/19 07:42	06/11/19 21:27	1
Tetrachloro-m-xylene	86		44 - 120				06/11/19 07:42	06/11/19 21:27	1
Tetrachloro-m-xylene	70		44 - 120				06/11/19 07:42	06/11/19 21:27	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.12	0.076	ug/L		06/11/19 15:27	06/12/19 20:53	2
PCB-1221	ND		0.12	0.076	ug/L		06/11/19 15:27	06/12/19 20:53	2
PCB-1232	ND		0.12	0.076	ug/L		06/11/19 15:27	06/12/19 20:53	2
PCB-1242	ND		0.12	0.076	ug/L		06/11/19 15:27	06/12/19 20:53	2
PCB-1248	ND		0.12	0.076	ug/L		06/11/19 15:27	06/12/19 20:53	2
PCB-1254	ND		0.12	0.062	ug/L		06/11/19 15:27	06/12/19 20:53	2
PCB-1260	ND		0.12	0.062	ug/L		06/11/19 15:27	06/12/19 20:53	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	83		36 - 121				06/11/19 15:27	06/12/19 20:53	2
DCB Decachlorobiphenyl	83		36 - 121				06/11/19 15:27	06/12/19 20:53	2
Tetrachloro-m-xylene	71	p	42 - 135				06/11/19 15:27	06/12/19 20:53	2
Tetrachloro-m-xylene	178	X	42 - 135				06/11/19 15:27	06/12/19 20:53	2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.090	J	0.20	0.060	mg/L		06/12/19 07:41	06/17/19 13:12	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 13:12	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 13:12	1
Barium	0.065		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 13:12	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 13:12	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 13:12	1
Calcium	50.8		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 13:12	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 13:12	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 13:12	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 13:12	1
Iron	0.61	B	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 13:12	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 13:12	1
Magnesium	6.9		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 13:12	1
Manganese	0.051	B	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 13:12	1
Nickel	ND		0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 13:12	1
Potassium	2.2		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 13:12	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 13:12	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 13:12	1
Sodium	196		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 13:12	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 13:12	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 13:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: MW-8

Lab Sample ID: 480-154653-17

Date Collected: 06/07/19 00:00

Matrix: Water

Date Received: 06/07/19 17:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 14:08	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 14:22	1

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-154653-1	RFI-26	92	102	91	96
480-154653-2	RFI-31	94	99	95	95
480-154653-3	RFI-34	92	105	93	100
480-154653-4	RFI-35	89	102	89	96
480-154653-5	RFI-36	92	106	89	102
480-154653-6	TW-6	91	99	90	96
480-154653-7	TW-7	90	100	91	96
480-154653-8	TW-8	93	105	90	100
480-154653-9	TW-12	92	103	92	98
480-154653-10	TW-14	92	105	91	101
480-154653-11	TW-15	91	97	93	93
480-154653-12	MW-7	90	100	89	98
480-154653-12 MS	MW-7	92	99	93	95
480-154653-12 MSD	MW-7	93	104	94	98
480-154653-13	RFI-05A	91	100	87	96
480-154653-14	DUP-060719-1	93	97	91	97
480-154653-15	TW-9	90	98	89	93
480-154653-16	TW-13	91	100	90	99
480-154653-17	MW-8	91	99	89	96
LCS 480-476858/5	Lab Control Sample	92	102	90	95
LCS 480-476963/5	Lab Control Sample	97	100	96	98
MB 480-476858/7	Method Blank	94	98	92	95
MB 480-476963/7	Method Blank	92	102	91	99

Surrogate Legend

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (46-120)	PHL (22-120)	TPHd14 (59-136)	TBP (41-120)	FBP (48-120)	2FP (35-120)
480-154653-1	RFI-26	86	55	83	78	96	72
480-154653-2	RFI-31	82	49	77	94	94	65
480-154653-3	RFI-34	86	50	71	91	94	68
480-154653-4	RFI-35	80	52	74	81	90	66
480-154653-5	RFI-36	92	60	82	82	100	76
480-154653-6	TW-6	86	60	73	82	94	78
480-154653-7	TW-7	84	59	78	90	94	74
480-154653-8	TW-8	81	56	83	81	91	70
480-154653-9	TW-12	83	55	77	70	94	69
480-154653-10	TW-14	91	60	85	88	101	77
480-154653-11	TW-15	84	56	80	81	95	72
480-154653-12	MW-7	85	54	78	90	95	71
480-154653-12 MS	MW-7	85	61	86	95	94	76
480-154653-12 MSD	MW-7	91	60	84	97	98	75

Eurofins TestAmerica, Buffalo

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (46-120)	PHL (22-120)	TPHd14 (59-136)	TBP (41-120)	FBP (48-120)	2FP (35-120)
480-154653-13	RFI-05A	86	58	80	78	95	73
480-154653-14	DUP-060719-1	86	57	82	89	99	76
480-154653-15	TW-9	88	59	71	83	97	74
480-154653-16	TW-13	91	60	84	79	104	77
480-154653-17	MW-8	85	57	83	92	100	76
LCS 480-477313/2-A	Lab Control Sample	89	62	102	92	96	78
MB 480-477313/1-A	Method Blank	88	54	101	73	95	74
Surrogate Legend							
NBZ = Nitrobenzene-d5 (Surr)							
PHL = Phenol-d5 (Surr)							
TPHd14 = p-Terphenyl-d14 (Surr)							
TBP = 2,4,6-Tribromophenol (Surr)							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol (Surr)							

Method: 608.3 - Organochlorine Pesticides in Water

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (23-120)	DCBP2 (23-120)	TCX1 (44-120)	TCX2 (44-120)
480-154653-1	RFI-26	67	68	81	71
480-154653-2	RFI-31	54	61	80	66
480-154653-3	RFI-34	45	48	86	69
480-154653-4	RFI-35	64	59	84	75
480-154653-5	RFI-36	65	66	88	68
480-154653-6	TW-6	63	65	92	77
480-154653-7	TW-7	60	59	80	78
480-154653-8	TW-8	72	73	97	79
480-154653-9	TW-12	86	85	91	76
480-154653-10	TW-14	74	72	95	87
480-154653-11	TW-15	90	88	86	75
480-154653-12	MW-7	45	50	74	61
480-154653-12 MS	MW-7	44	49	83	64
480-154653-12 MSD	MW-7	46	51	80	61
480-154653-13	RFI-05A	92	90	83	68
480-154653-14	DUP-060719-1	60	65	67	66
480-154653-15	TW-9	83	85	80	69
480-154653-16	TW-13	84	83	91	73
480-154653-17	MW-8	52	56	86	70
LCS 480-477151/2-A	Lab Control Sample	40	38	89	73
MB 480-477151/1-A	Method Blank	46	46	93	70
Surrogate Legend					
DCBP = DCB Decachlorobiphenyl					
TCX = Tetrachloro-m-xylene					

Surrogate Summary

Client: New York State D.E.C.

Job ID: 480-154653-1

Project/Site: Altech Specialty Steel #907022

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (36-121)	DCBP2 (36-121)	TCX1 (42-135)	TCX2 (42-135)
480-154653-1	RFI-26	68	76	83	73
480-154653-2	RFI-31	66	69	87	68
480-154653-3	RFI-34	36	41	70	58
480-154653-4	RFI-35	58	73	81	62
480-154653-5	RFI-36	75	84	93	72
480-154653-6	TW-6	64	70	82	73
480-154653-7	TW-7	57	64	76	68
480-154653-8	TW-8	75	85	98	89
480-154653-9	TW-12	77	86	89	73
480-154653-10	TW-14	77	82	81	66
480-154653-11	TW-15	114	111	104	82
480-154653-12	MW-7	41	49	73	73
480-154653-12 MS	MW-7	44	50	85	71
480-154653-12 MSD	MW-7	43	48	90	68
480-154653-13	RFI-05A	87	94	83	69
480-154653-14	DUP-060719-1	49	53	82	65
480-154653-15	TW-9	96	95	77	68
480-154653-16	TW-13	76	88	70	66
480-154653-17	MW-8	83	83	71 p	178 X
LCS 480-477258/2-A	Lab Control Sample	52	55	101	80
MB 480-477258/1-A	Method Blank	51	51	89	73

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Lab Sample ID: MB 480-476858/7

Matrix: Water

Analysis Batch: 476858

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-Trichloroethane	ND		1.0	0.82	ug/L			06/08/19 12:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/08/19 12:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/08/19 12:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/08/19 12:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/08/19 12:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/08/19 12:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/08/19 12:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/08/19 12:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/08/19 12:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/08/19 12:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/08/19 12:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/08/19 12:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/08/19 12:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/08/19 12:56	1
2-Hexanone	ND		5.0	1.2	ug/L			06/08/19 12:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/08/19 12:56	1
Acetone	ND		10	3.0	ug/L			06/08/19 12:56	1
Benzene	ND		1.0	0.41	ug/L			06/08/19 12:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/08/19 12:56	1
Bromoform	ND		1.0	0.26	ug/L			06/08/19 12:56	1
Bromomethane	ND		1.0	0.69	ug/L			06/08/19 12:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/08/19 12:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/08/19 12:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/08/19 12:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/08/19 12:56	1
Chloroethane	ND		1.0	0.32	ug/L			06/08/19 12:56	1
Chloroform	ND		1.0	0.34	ug/L			06/08/19 12:56	1
Chloromethane	ND		1.0	0.35	ug/L			06/08/19 12:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/08/19 12:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/08/19 12:56	1
Cyclohexane	ND		1.0	0.18	ug/L			06/08/19 12:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/08/19 12:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/08/19 12:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/08/19 12:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/08/19 12:56	1
Methyl acetate	ND		2.5	1.3	ug/L			06/08/19 12:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/08/19 12:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/08/19 12:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/08/19 12:56	1
Styrene	ND		1.0	0.73	ug/L			06/08/19 12:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/08/19 12:56	1
Toluene	ND		1.0	0.51	ug/L			06/08/19 12:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/08/19 12:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/08/19 12:56	1
Trichloroethene	ND		1.0	0.46	ug/L			06/08/19 12:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/08/19 12:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/08/19 12:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/08/19 12:56	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Lab Sample ID: MB 480-476858/7

Matrix: Water

Analysis Batch: 476858

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		ug/L					06/08/19 12:56	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Toluene-d8 (Surr)	94		80 - 120					06/08/19 12:56	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120					06/08/19 12:56	1
4-Bromofluorobenzene (Surr)	92		73 - 120					06/08/19 12:56	1
Dibromofluoromethane (Surr)	95		75 - 123					06/08/19 12:56	1

Lab Sample ID: LCS 480-476858/5

Matrix: Water

Analysis Batch: 476858

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>
1,1,1-Trichloroethane	25.0	25.1		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.3		ug/L		89	76 - 120
1,1,2-Trichloroethane	25.0	22.1		ug/L		88	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.1		ug/L		96	61 - 148
1,1-Dichloroethane	25.0	25.3		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	22.2		ug/L		89	66 - 127
1,2,4-Trichlorobenzene	25.0	24.2		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.4		ug/L		82	56 - 134
1,2-Dichlorobenzene	25.0	23.9		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	25.1		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
1,3-Dichlorobenzene	25.0	23.4		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 120
2-Butanone (MEK)	125	111		ug/L		89	57 - 140
2-Hexanone	125	116		ug/L		93	65 - 127
4-Methyl-2-pentanone (MIBK)	125	112		ug/L		90	71 - 125
Acetone	125	115		ug/L		92	56 - 142
Benzene	25.0	23.8		ug/L		95	71 - 124
Bromodichloromethane	25.0	25.5		ug/L		102	80 - 122
Bromoform	25.0	25.9		ug/L		104	61 - 132
Bromomethane	25.0	22.0		ug/L		88	55 - 144
Carbon disulfide	25.0	22.7		ug/L		91	59 - 134
Carbon tetrachloride	25.0	27.6		ug/L		110	72 - 134
Chlorobenzene	25.0	23.0		ug/L		92	80 - 120
Dibromochloromethane	25.0	26.8		ug/L		107	75 - 125
Chloroethane	25.0	23.4		ug/L		94	69 - 136
Chloroform	25.0	22.9		ug/L		92	73 - 127
Chloromethane	25.0	27.4		ug/L		110	68 - 124
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	24.2		ug/L		97	74 - 124
Cyclohexane	25.0	27.6		ug/L		110	59 - 135
Dichlorodifluoromethane	25.0	23.9		ug/L		96	59 - 135
Ethylbenzene	25.0	23.9		ug/L		96	77 - 123
1,2-Dibromoethane	25.0	21.7		ug/L		87	77 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Lab Sample ID: LCS 480-476858/5

Matrix: Water

Analysis Batch: 476858

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	25.0	24.3		ug/L		97	77 - 122
Methyl acetate	50.0	42.1		ug/L		84	74 - 133
Methyl tert-butyl ether	25.0	22.8		ug/L		91	77 - 120
Methylcyclohexane	25.0	24.4		ug/L		98	68 - 134
Methylene Chloride	25.0	22.2		ug/L		89	75 - 124
Styrene	25.0	23.3		ug/L		93	80 - 120
Tetrachloroethene	25.0	24.5		ug/L		98	74 - 122
Toluene	25.0	23.6		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	23.9		ug/L		96	80 - 120
Trichloroethene	25.0	23.3		ug/L		93	74 - 123
Trichlorofluoromethane	25.0	24.1		ug/L		96	62 - 150
Vinyl chloride	25.0	25.7		ug/L		103	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	92		80 - 120
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	90		73 - 120
Dibromofluoromethane (Surr)	95		75 - 123

Lab Sample ID: 480-154653-12 MS

Matrix: Water

Analysis Batch: 476858

Client Sample ID: MW-7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	26.5		ug/L		106	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	19.6		ug/L		78	76 - 120
1,1,2-Trichloroethane	ND		25.0	21.3		ug/L		85	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	25.3		ug/L		101	61 - 148
1,1-Dichloroethane	ND		25.0	26.5		ug/L		106	77 - 120
1,1-Dichloroethene	ND		25.0	22.9		ug/L		92	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	22.1		ug/L		89	79 - 122
1,2-Dibromo-3-Chloropropane	ND	F2	25.0	16.5		ug/L		66	56 - 134
1,2-Dichlorobenzene	ND		25.0	23.0		ug/L		92	80 - 124
1,2-Dichloroethane	ND		25.0	24.8		ug/L		99	75 - 120
1,2-Dichloropropane	ND		25.0	25.9		ug/L		104	76 - 120
1,3-Dichlorobenzene	ND		25.0	22.4		ug/L		90	77 - 120
1,4-Dichlorobenzene	ND		25.0	22.5		ug/L		90	78 - 124
2-Butanone (MEK)	ND		125	88.5		ug/L		71	57 - 140
2-Hexanone	ND		125	95.7		ug/L		77	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	99.7		ug/L		80	71 - 125
Acetone	ND		125	82.2		ug/L		66	56 - 142
Benzene	ND		25.0	25.3		ug/L		101	71 - 124
Bromodichloromethane	ND		25.0	24.2		ug/L		97	80 - 122
Bromoform	ND		25.0	20.9		ug/L		84	61 - 132
Bromomethane	ND		25.0	22.2		ug/L		89	55 - 144
Carbon disulfide	ND		25.0	22.0		ug/L		88	59 - 134
Carbon tetrachloride	ND		25.0	27.9		ug/L		112	72 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Lab Sample ID: 480-154653-12 MS

Matrix: Water

Analysis Batch: 476858

Client Sample ID: MW-7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	ND		25.0	23.4		ug/L		93	80 - 120
Dibromochloromethane	ND		25.0	24.7		ug/L		99	75 - 125
Chloroethane	ND		25.0	23.2		ug/L		93	69 - 136
Chloroform	ND		25.0	24.0		ug/L		96	73 - 127
Chloromethane	ND		25.0	28.6		ug/L		114	68 - 124
cis-1,2-Dichloroethene	5.8	F1 F2	25.0	37.3	F1	ug/L		126	74 - 124
cis-1,3-Dichloropropene	ND		25.0	22.8		ug/L		91	74 - 124
Cyclohexane	ND		25.0	28.3		ug/L		113	59 - 135
Dichlorodifluoromethane	ND		25.0	24.0		ug/L		96	59 - 135
Ethylbenzene	ND		25.0	23.9		ug/L		96	77 - 123
1,2-Dibromoethane	ND		25.0	21.0		ug/L		84	77 - 120
Isopropylbenzene	ND		25.0	24.1		ug/L		96	77 - 122
Methyl acetate	ND	F1	50.0	36.2	F1	ug/L		72	74 - 133
Methyl tert-butyl ether	ND		25.0	21.7		ug/L		87	77 - 120
Methylcyclohexane	ND		25.0	23.7		ug/L		95	68 - 134
Methylene Chloride	ND		25.0	22.1		ug/L		89	75 - 124
Styrene	ND		25.0	22.6		ug/L		90	80 - 120
Tetrachloroethene	ND		25.0	23.9		ug/L		96	74 - 122
Toluene	ND		25.0	24.0		ug/L		96	80 - 122
trans-1,2-Dichloroethene	1.2		25.0	28.1		ug/L		108	73 - 127
trans-1,3-Dichloropropene	ND		25.0	22.0		ug/L		88	80 - 120
Trichloroethene	4.4		25.0	28.6		ug/L		97	74 - 123
Trichlorofluoromethane	ND		25.0	21.9		ug/L		87	62 - 150
Vinyl chloride	ND		25.0	29.3		ug/L		117	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	92		80 - 120
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	93		73 - 120
Dibromofluoromethane (Surr)	95		75 - 123

Lab Sample ID: 480-154653-12 MSD

Matrix: Water

Analysis Batch: 476858

Client Sample ID: MW-7

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-Trichloroethane	ND		25.0	26.9		ug/L		108	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		25.0	20.4		ug/L		81	76 - 120	4	15
1,1,2-Trichloroethane	ND		25.0	22.4		ug/L		90	76 - 122	5	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	25.0		ug/L		100	61 - 148	1	20
1,1-Dichloroethane	ND		25.0	26.5		ug/L		106	77 - 120	0	20
1,1-Dichloroethene	ND		25.0	23.2		ug/L		93	66 - 127	1	16
1,2,4-Trichlorobenzene	ND		25.0	23.6		ug/L		95	79 - 122	6	20
1,2-Dibromo-3-Chloropropane	ND	F2	25.0	19.4	F2	ug/L		78	56 - 134	16	15
1,2-Dichlorobenzene	ND		25.0	24.2		ug/L		97	80 - 124	5	20
1,2-Dichloroethane	ND		25.0	24.4		ug/L		98	75 - 120	1	20
1,2-Dichloropropane	ND		25.0	26.5		ug/L		106	76 - 120	2	20
1,3-Dichlorobenzene	ND		25.0	23.4		ug/L		94	77 - 120	4	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Lab Sample ID: 480-154653-12 MSD

Matrix: Water

Analysis Batch: 476858

Client Sample ID: MW-7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	ND		25.0	23.6		ug/L		94	78 - 124	5	20
2-Butanone (MEK)	ND		125	90.7		ug/L		73	57 - 140	2	20
2-Hexanone	ND		125	99.9		ug/L		80	65 - 127	4	15
4-Methyl-2-pentanone (MIBK)	ND		125	103		ug/L		83	71 - 125	4	35
Acetone	ND		125	87.5		ug/L		70	56 - 142	6	15
Benzene	ND		25.0	25.2		ug/L		101	71 - 124	1	13
Bromodichloromethane	ND		25.0	25.0		ug/L		100	80 - 122	3	15
Bromoform	ND		25.0	21.9		ug/L		87	61 - 132	4	15
Bromomethane	ND		25.0	22.3		ug/L		89	55 - 144	0	15
Carbon disulfide	ND		25.0	22.5		ug/L		90	59 - 134	2	15
Carbon tetrachloride	ND		25.0	28.7		ug/L		115	72 - 134	3	15
Chlorobenzene	ND		25.0	23.7		ug/L		95	80 - 120	2	25
Dibromochloromethane	ND		25.0	25.9		ug/L		104	75 - 125	5	15
Chloroethane	ND		25.0	24.6		ug/L		98	69 - 136	6	15
Chloroform	ND		25.0	23.9		ug/L		96	73 - 127	1	20
Chloromethane	ND		25.0	28.9		ug/L		115	68 - 124	1	15
cis-1,2-Dichloroethene	5.8	F1 F2	25.0	29.5	F2	ug/L		95	74 - 124	23	15
cis-1,3-Dichloropropene	ND		25.0	22.6		ug/L		90	74 - 124	1	15
Cyclohexane	ND		25.0	29.0		ug/L		116	59 - 135	3	20
Dichlorodifluoromethane	ND		25.0	23.9		ug/L		96	59 - 135	1	20
Ethylbenzene	ND		25.0	24.9		ug/L		99	77 - 123	4	15
1,2-Dibromoethane	ND		25.0	21.4		ug/L		86	77 - 120	2	15
Isopropylbenzene	ND		25.0	25.0		ug/L		100	77 - 122	4	20
Methyl acetate	ND	F1	50.0	35.8	F1	ug/L		72	74 - 133	1	20
Methyl tert-butyl ether	ND		25.0	22.3		ug/L		89	77 - 120	3	37
Methylcyclohexane	ND		25.0	24.0		ug/L		96	68 - 134	1	20
Methylene Chloride	ND		25.0	22.2		ug/L		89	75 - 124	0	15
Styrene	ND		25.0	23.6		ug/L		94	80 - 120	5	20
Tetrachloroethene	ND		25.0	25.5		ug/L		102	74 - 122	6	20
Toluene	ND		25.0	24.0		ug/L		96	80 - 122	0	15
trans-1,2-Dichloroethene	1.2		25.0	25.2		ug/L		96	73 - 127	11	20
trans-1,3-Dichloropropene	ND		25.0	22.6		ug/L		91	80 - 120	3	15
Trichloroethene	4.4		25.0	30.1		ug/L		103	74 - 123	5	16
Trichlorofluoromethane	ND		25.0	22.8		ug/L		91	62 - 150	4	20
Vinyl chloride	ND		25.0	28.9		ug/L		116	65 - 133	1	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	93		80 - 120
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	94		73 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Lab Sample ID: MB 480-476963/7

Matrix: Water

Analysis Batch: 476963

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-Trichloroethane	ND		1.0	0.82	ug/L			06/10/19 10:58	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Lab Sample ID: MB 480-476963/7

Matrix: Water

Analysis Batch: 476963

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/10/19 10:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/10/19 10:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/10/19 10:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/10/19 10:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/10/19 10:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/10/19 10:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/10/19 10:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/10/19 10:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/10/19 10:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/10/19 10:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/10/19 10:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/10/19 10:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/10/19 10:58	1
2-Hexanone	ND		5.0	1.2	ug/L			06/10/19 10:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/10/19 10:58	1
Acetone	ND		10	3.0	ug/L			06/10/19 10:58	1
Benzene	ND		1.0	0.41	ug/L			06/10/19 10:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/10/19 10:58	1
Bromoform	ND		1.0	0.26	ug/L			06/10/19 10:58	1
Bromomethane	ND		1.0	0.69	ug/L			06/10/19 10:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/10/19 10:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/10/19 10:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/10/19 10:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/10/19 10:58	1
Chloroethane	ND		1.0	0.32	ug/L			06/10/19 10:58	1
Chloroform	ND		1.0	0.34	ug/L			06/10/19 10:58	1
Chloromethane	ND		1.0	0.35	ug/L			06/10/19 10:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/10/19 10:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/10/19 10:58	1
Cyclohexane	ND		1.0	0.18	ug/L			06/10/19 10:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/10/19 10:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/10/19 10:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/10/19 10:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/10/19 10:58	1
Methyl acetate	ND		2.5	1.3	ug/L			06/10/19 10:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/10/19 10:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/10/19 10:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/10/19 10:58	1
Styrene	ND		1.0	0.73	ug/L			06/10/19 10:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/10/19 10:58	1
Toluene	ND		1.0	0.51	ug/L			06/10/19 10:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/10/19 10:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/10/19 10:58	1
Trichloroethene	ND		1.0	0.46	ug/L			06/10/19 10:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/10/19 10:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/10/19 10:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/10/19 10:58	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Lab Sample ID: MB 480-476963/7

Matrix: Water

Analysis Batch: 476963

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		ug/L					06/10/19 10:58	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Toluene-d8 (Surr)	92		80 - 120					06/10/19 10:58	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					06/10/19 10:58	1
4-Bromofluorobenzene (Surr)	91		73 - 120					06/10/19 10:58	1
Dibromofluoromethane (Surr)	99		75 - 123					06/10/19 10:58	1

Lab Sample ID: LCS 480-476963/5

Matrix: Water

Analysis Batch: 476963

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>
1,1,1-Trichloroethane	25.0	27.4		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.3		ug/L		89	76 - 120
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.3		ug/L		109	61 - 148
1,1-Dichloroethane	25.0	27.6		ug/L		111	77 - 120
1,1-Dichloroethene	25.0	24.2		ug/L		97	66 - 127
1,2,4-Trichlorobenzene	25.0	24.8		ug/L		99	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	21.7		ug/L		87	56 - 134
1,2-Dichlorobenzene	25.0	25.4		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	26.4		ug/L		105	75 - 120
1,2-Dichloropropane	25.0	28.1		ug/L		112	76 - 120
1,3-Dichlorobenzene	25.0	25.1		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	24.9		ug/L		100	80 - 120
2-Butanone (MEK)	125	118		ug/L		94	57 - 140
2-Hexanone	125	125		ug/L		100	65 - 127
4-Methyl-2-pentanone (MIBK)	125	121		ug/L		97	71 - 125
Acetone	125	120		ug/L		96	56 - 142
Benzene	25.0	26.2		ug/L		105	71 - 124
Bromodichloromethane	25.0	26.3		ug/L		105	80 - 122
Bromoform	25.0	27.7		ug/L		111	61 - 132
Bromomethane	25.0	21.2		ug/L		85	55 - 144
Carbon disulfide	25.0	25.5		ug/L		102	59 - 134
Carbon tetrachloride	25.0	31.3		ug/L		125	72 - 134
Chlorobenzene	25.0	26.0		ug/L		104	80 - 120
Dibromochloromethane	25.0	29.1		ug/L		117	75 - 125
Chloroethane	25.0	21.6		ug/L		87	69 - 136
Chloroform	25.0	25.6		ug/L		103	73 - 127
Chloromethane	25.0	29.7		ug/L		119	68 - 124
cis-1,2-Dichloroethene	25.0	24.6		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	26.4		ug/L		106	74 - 124
Cyclohexane	25.0	31.6		ug/L		126	59 - 135
Dichlorodifluoromethane	25.0	25.8		ug/L		103	59 - 135
Ethylbenzene	25.0	26.8		ug/L		107	77 - 123
1,2-Dibromoethane	25.0	23.9		ug/L		96	77 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Lab Sample ID: LCS 480-476963/5

Matrix: Water

Analysis Batch: 476963

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	25.0	25.8		ug/L		103	77 - 122
Methyl acetate	50.0	44.6		ug/L		89	74 - 133
Methyl tert-butyl ether	25.0	23.6		ug/L		94	77 - 120
Methylcyclohexane	25.0	27.3		ug/L		109	68 - 134
Methylene Chloride	25.0	23.0		ug/L		92	75 - 124
Styrene	25.0	25.9		ug/L		104	80 - 120
Tetrachloroethene	25.0	27.0		ug/L		108	74 - 122
Toluene	25.0	25.6		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	25.9		ug/L		103	73 - 127
trans-1,3-Dichloropropene	25.0	25.7		ug/L		103	80 - 120
Trichloroethene	25.0	26.6		ug/L		106	74 - 123
Trichlorofluoromethane	25.0	22.1		ug/L		88	62 - 150
Vinyl chloride	25.0	28.4		ug/L		114	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-477313/1-A

Matrix: Water

Analysis Batch: 477865

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477313

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:45	06/14/19 17:01	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:45	06/14/19 17:01	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 17:01	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:45	06/14/19 17:01	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 17:01	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:45	06/14/19 17:01	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 17:01	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 17:01	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 17:01	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 17:01	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:45	06/14/19 17:01	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 17:01	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:45	06/14/19 17:01	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:45	06/14/19 17:01	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:45	06/14/19 17:01	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 17:01	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:45	06/14/19 17:01	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 17:01	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 17:01	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:45	06/14/19 17:01	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 17:01	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 17:01	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-477313/1-A

Matrix: Water

Analysis Batch: 477865

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477313

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:45	06/14/19 17:01	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:45	06/14/19 17:01	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:45	06/14/19 17:01	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:45	06/14/19 17:01	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:45	06/14/19 17:01	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 17:01	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:45	06/14/19 17:01	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:45	06/14/19 17:01	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:45	06/14/19 17:01	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 17:01	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 17:01	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 17:01	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 17:01	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:45	06/14/19 17:01	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:45	06/14/19 17:01	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 17:01	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 17:01	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:45	06/14/19 17:01	1
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:45	06/14/19 17:01	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:45	06/14/19 17:01	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:45	06/14/19 17:01	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:45	06/14/19 17:01	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:45	06/14/19 17:01	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 17:01	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:45	06/14/19 17:01	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:45	06/14/19 17:01	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:45	06/14/19 17:01	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:45	06/14/19 17:01	1
Fluorene	0.530	J	5.0	0.36	ug/L		06/12/19 06:45	06/14/19 17:01	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 17:01	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:45	06/14/19 17:01	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 17:01	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:45	06/14/19 17:01	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:45	06/14/19 17:01	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:45	06/14/19 17:01	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:45	06/14/19 17:01	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:45	06/14/19 17:01	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:45	06/14/19 17:01	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:45	06/14/19 17:01	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:45	06/14/19 17:01	1
Phenanthrene	2.57	J	5.0	0.44	ug/L		06/12/19 06:45	06/14/19 17:01	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:45	06/14/19 17:01	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:45	06/14/19 17:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	88		46 - 120	06/12/19 06:45	06/14/19 17:01	1
Phenol-d5 (Surr)	54		22 - 120	06/12/19 06:45	06/14/19 17:01	1
p-Terphenyl-d14 (Surr)	101		59 - 136	06/12/19 06:45	06/14/19 17:01	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-477313/1-A

Matrix: Water

Analysis Batch: 477865

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477313

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	73		41 - 120	06/12/19 06:45	06/14/19 17:01	1
2-Fluorobiphenyl	95		48 - 120	06/12/19 06:45	06/14/19 17:01	1
2-Fluorophenol (Surr)	74		35 - 120	06/12/19 06:45	06/14/19 17:01	1

Lab Sample ID: LCS 480-477313/2-A

Matrix: Water

Analysis Batch: 477865

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biphenyl	32.0	30.6		ug/L		96	59 - 120
bis (2-chloroisopropyl) ether	32.0	25.9		ug/L		81	21 - 136
2,4,5-Trichlorophenol	32.0	31.2		ug/L		97	65 - 126
2,4,6-Trichlorophenol	32.0	30.4		ug/L		95	64 - 120
2,4-Dichlorophenol	32.0	31.0		ug/L		97	63 - 120
2,4-Dimethylphenol	32.0	31.0		ug/L		97	47 - 120
2,4-Dinitrophenol	64.0	66.0		ug/L		103	31 - 137
2,4-Dinitrotoluene	32.0	35.3		ug/L		110	69 - 120
2,6-Dinitrotoluene	32.0	33.8		ug/L		106	68 - 120
2-Chloronaphthalene	32.0	29.7		ug/L		93	58 - 120
2-Chlorophenol	32.0	29.6		ug/L		92	48 - 120
2-Methylphenol	32.0	28.7		ug/L		90	39 - 120
2-Methylnaphthalene	32.0	30.7		ug/L		96	59 - 120
2-Nitroaniline	32.0	32.6		ug/L		102	54 - 127
2-Nitrophenol	32.0	33.8		ug/L		106	52 - 125
3,3'-Dichlorobenzidine	64.0	73.0		ug/L		114	49 - 135
3-Nitroaniline	32.0	28.8		ug/L		90	51 - 120
4,6-Dinitro-2-methylphenol	64.0	70.6		ug/L		110	46 - 136
4-Bromophenyl phenyl ether	32.0	30.7		ug/L		96	65 - 120
4-Chloro-3-methylphenol	32.0	33.3		ug/L		104	61 - 123
4-Chloroaniline	32.0	26.5		ug/L		83	30 - 120
4-Chlorophenyl phenyl ether	32.0	32.8		ug/L		102	62 - 120
4-Methylphenol	32.0	27.0		ug/L		84	29 - 131
4-Nitroaniline	32.0	33.0		ug/L		103	65 - 120
4-Nitrophenol	64.0	56.7		ug/L		89	45 - 120
Acenaphthene	32.0	31.4		ug/L		98	60 - 120
Acenaphthylene	32.0	33.4		ug/L		104	63 - 120
Acetophenone	32.0	30.1		ug/L		94	45 - 120
Anthracene	32.0	31.9		ug/L		100	67 - 120
Atrazine	64.0	78.3		ug/L		122	71 - 130
Benzaldehyde	64.0	57.2		ug/L		89	10 - 140
Benzo[a]anthracene	32.0	34.0		ug/L		106	70 - 121
Benzo[a]pyrene	32.0	31.8		ug/L		99	60 - 123
Benzo[b]fluoranthene	32.0	35.1		ug/L		110	66 - 126
Benzo[g,h,i]perylene	32.0	33.9		ug/L		106	66 - 150
Benzo[k]fluoranthene	32.0	34.9		ug/L		109	65 - 124
Bis(2-chloroethoxy)methane	32.0	29.7		ug/L		93	50 - 128
Bis(2-chloroethyl)ether	32.0	29.5		ug/L		92	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	36.6		ug/L		114	63 - 139

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-477313/2-A

Matrix: Water

Analysis Batch: 477865

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477313

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Butyl benzyl phthalate	32.0	35.0		ug/L		109	70 - 129
Caprolactam	64.0	24.6		ug/L		38	22 - 120
Carbazole	32.0	34.5		ug/L		108	66 - 123
Chrysene	32.0	33.5		ug/L		105	69 - 120
Dibenz(a,h)anthracene	32.0	33.2		ug/L		104	65 - 135
Di-n-butyl phthalate	32.0	34.6		ug/L		108	69 - 131
Di-n-octyl phthalate	32.0	38.1		ug/L		119	63 - 140
Dibenzofuran	32.0	32.6		ug/L		102	66 - 120
Diethyl phthalate	32.0	35.4		ug/L		111	59 - 127
Dimethyl phthalate	32.0	34.8		ug/L		109	68 - 120
Fluoranthene	32.0	34.5		ug/L		108	69 - 126
Fluorene	32.0	32.6		ug/L		102	66 - 120
Hexachlorobenzene	32.0	30.1		ug/L		94	61 - 120
Hexachlorobutadiene	32.0	27.3		ug/L		85	35 - 120
Hexachlorocyclopentadiene	32.0	20.6		ug/L		65	31 - 120
Hexachloroethane	32.0	25.4		ug/L		79	43 - 120
Indeno[1,2,3-cd]pyrene	32.0	33.2		ug/L		104	69 - 146
Isophorone	32.0	31.3		ug/L		98	55 - 120
N-Nitrosodi-n-propylamine	32.0	29.2		ug/L		91	32 - 140
N-Nitrosodiphenylamine	32.0	30.8		ug/L		96	61 - 120
Naphthalene	32.0	29.1		ug/L		91	57 - 120
Nitrobenzene	32.0	30.9		ug/L		97	53 - 123
Pentachlorophenol	64.0	43.9		ug/L		69	29 - 136
Phenanthrene	32.0	34.0		ug/L		106	68 - 120
Phenol	32.0	20.4		ug/L		64	17 - 120
Pyrene	32.0	34.4		ug/L		107	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	89		46 - 120
Phenol-d5 (Surr)	62		22 - 120
p-Terphenyl-d14 (Surr)	102		59 - 136
2,4,6-Tribromophenol (Surr)	92		41 - 120
2-Fluorobiphenyl	96		48 - 120
2-Fluorophenol (Surr)	78		35 - 120

Lab Sample ID: 480-154653-12 MS

Matrix: Water

Analysis Batch: 477865

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477313

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Biphenyl	ND		34.8	33.2		ug/L		95	57 - 120
bis (2-chloroisopropyl) ether	ND		34.8	27.1		ug/L		78	28 - 121
2,4,5-Trichlorophenol	ND		34.8	36.4		ug/L		105	65 - 126
2,4,6-Trichlorophenol	ND		34.8	34.1		ug/L		98	64 - 120
2,4-Dichlorophenol	ND		34.8	32.7		ug/L		94	48 - 132
2,4-Dimethylphenol	ND		34.8	33.6		ug/L		97	39 - 130
2,4-Dinitrophenol	ND		69.6	79.1		ug/L		114	21 - 150
2,4-Dinitrotoluene	ND		34.8	30.2		ug/L		87	54 - 138

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-154653-12 MS

Matrix: Water

Analysis Batch: 477865

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477313

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	ND		34.8	30.9		ug/L		89	17 - 150
2-Chloronaphthalene	ND		34.8	32.2		ug/L		93	52 - 124
2-Chlorophenol	ND		34.8	31.1		ug/L		89	48 - 120
2-Methylphenol	ND		34.8	30.3		ug/L		87	46 - 120
2-Methylnaphthalene	ND		34.8	32.7		ug/L		94	34 - 140
2-Nitroaniline	ND		34.8	34.3		ug/L		99	44 - 136
2-Nitrophenol	ND		34.8	36.3		ug/L		104	38 - 141
3,3'-Dichlorobenzidine	ND	F2	69.6	36.9		ug/L		53	10 - 150
3-Nitroaniline	ND		34.8	21.9		ug/L		63	32 - 150
4,6-Dinitro-2-methylphenol	ND		69.6	67.2		ug/L		97	38 - 150
4-Bromophenyl phenyl ether	ND		34.8	33.1		ug/L		95	63 - 126
4-Chloro-3-methylphenol	ND		34.8	35.3		ug/L		101	64 - 127
4-Chloroaniline	ND		34.8	19.5		ug/L		56	16 - 124
4-Chlorophenyl phenyl ether	ND		34.8	35.2		ug/L		101	61 - 120
4-Methylphenol	ND		34.8	29.3		ug/L		84	36 - 120
4-Nitroaniline	ND		34.8	26.4		ug/L		76	32 - 150
4-Nitrophenol	ND		69.6	52.5		ug/L		75	23 - 132
Acenaphthene	ND		34.8	33.9		ug/L		97	48 - 120
Acenaphthylene	ND		34.8	36.9		ug/L		106	63 - 120
Acetophenone	ND		34.8	31.5		ug/L		91	53 - 120
Anthracene	ND		34.8	34.5		ug/L		99	65 - 122
Atrazine	ND		69.6	64.8		ug/L		93	50 - 150
Benzaldehyde	ND		69.6	54.5		ug/L		78	10 - 150
Benzo[a]anthracene	ND		34.8	38.4		ug/L		110	43 - 124
Benzo[a]pyrene	ND		34.8	32.7		ug/L		94	23 - 125
Benzo[b]fluoranthene	ND		34.8	37.5		ug/L		108	27 - 127
Benzo[g,h,i]perylene	ND		34.8	35.3		ug/L		101	16 - 147
Benzo[k]fluoranthene	ND		34.8	34.8		ug/L		100	20 - 124
Bis(2-chloroethoxy)methane	ND		34.8	30.9		ug/L		89	44 - 128
Bis(2-chloroethyl)ether	ND		34.8	33.7		ug/L		97	45 - 120
Bis(2-ethylhexyl) phthalate	ND		34.8	40.1		ug/L		115	16 - 150
Butyl benzyl phthalate	ND		34.8	37.1		ug/L		107	51 - 140
Caprolactam	ND		69.6	27.5		ug/L		40	10 - 120
Carbazole	ND		34.8	31.5		ug/L		90	16 - 148
Chrysene	ND		34.8	36.2		ug/L		104	44 - 122
Dibenz(a,h)anthracene	ND		34.8	34.6		ug/L		99	16 - 139
Di-n-butyl phthalate	ND		34.8	34.6		ug/L		99	65 - 129
Di-n-octyl phthalate	ND		34.8	43.1		ug/L		124	16 - 150
Dibenzofuran	ND		34.8	35.5		ug/L		102	60 - 120
Diethyl phthalate	ND		34.8	30.2		ug/L		87	53 - 133
Dimethyl phthalate	ND		34.8	27.8		ug/L		80	59 - 123
Fluoranthene	0.43	J	34.8	31.9		ug/L		91	63 - 129
Fluorene	0.47	J B	34.8	35.7		ug/L		101	62 - 120
Hexachlorobenzene	ND		34.8	32.4		ug/L		93	57 - 121
Hexachlorobutadiene	ND		34.8	28.9		ug/L		83	37 - 120
Hexachlorocyclopentadiene	ND		34.8	24.0		ug/L		69	21 - 120
Hexachloroethane	ND		34.8	27.1		ug/L		78	16 - 130
Indeno[1,2,3-cd]pyrene	ND		34.8	35.1		ug/L		101	16 - 140
Isophorone	ND		34.8	33.2		ug/L		95	48 - 133

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-154653-12 MS

Matrix: Water

Analysis Batch: 477865

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477313

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	ND		34.8	30.8		ug/L		88	49 - 120
N-Nitrosodiphenylamine	ND		34.8	26.4		ug/L		76	39 - 138
Naphthalene	ND		34.8	30.5		ug/L		88	45 - 120
Nitrobenzene	ND		34.8	34.0		ug/L		98	45 - 123
Pentachlorophenol	ND		69.6	59.7		ug/L		86	23 - 149
Phenanthrene	2.3	J B	34.8	38.3		ug/L		104	65 - 122
Phenol	ND		34.8	22.6		ug/L		65	16 - 120
Pyrene	ND		34.8	36.0		ug/L		104	58 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
Nitrobenzene-d5 (Surr)	85		46 - 120
Phenol-d5 (Surr)	61		22 - 120
p-Terphenyl-d14 (Surr)	86		59 - 136
2,4,6-Tribromophenol (Surr)	95		41 - 120
2-Fluorobiphenyl	94		48 - 120
2-Fluorophenol (Surr)	76		35 - 120

Lab Sample ID: 480-154653-12 MSD

Matrix: Water

Analysis Batch: 477865

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477313

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Biphenyl	ND		32.0	31.2		ug/L		98	57 - 120	6	20
bis (2-chloroisopropyl) ether	ND		32.0	25.5		ug/L		80	28 - 121	6	24
2,4,5-Trichlorophenol	ND		32.0	33.8		ug/L		105	65 - 126	8	18
2,4,6-Trichlorophenol	ND		32.0	33.3		ug/L		104	64 - 120	3	19
2,4-Dichlorophenol	ND		32.0	30.5		ug/L		95	48 - 132	7	19
2,4-Dimethylphenol	ND		32.0	30.0		ug/L		94	39 - 130	11	42
2,4-Dinitrophenol	ND		64.0	76.9		ug/L		120	21 - 150	3	22
2,4-Dinitrotoluene	ND		32.0	28.5		ug/L		89	54 - 138	6	20
2,6-Dinitrotoluene	ND		32.0	26.7		ug/L		83	17 - 150	15	15
2-Chloronaphthalene	ND		32.0	30.3		ug/L		95	52 - 124	6	21
2-Chlorophenol	ND		32.0	29.0		ug/L		90	48 - 120	7	25
2-Methylphenol	ND		32.0	28.1		ug/L		88	46 - 120	7	27
2-Methylnaphthalene	ND		32.0	31.1		ug/L		97	34 - 140	5	21
2-Nitroaniline	ND		32.0	32.4		ug/L		101	44 - 136	6	15
2-Nitrophenol	ND		32.0	34.4		ug/L		107	38 - 141	5	18
3,3'-Dichlorobenzidine	ND	F2	64.0	11.5	F2	ug/L		18	10 - 150	105	25
3-Nitroaniline	ND		32.0	18.3		ug/L		57	32 - 150	18	19
4,6-Dinitro-2-methylphenol	ND		64.0	62.8		ug/L		98	38 - 150	7	15
4-Bromophenyl phenyl ether	ND		32.0	31.7		ug/L		99	63 - 126	5	15
4-Chloro-3-methylphenol	ND		32.0	33.0		ug/L		103	64 - 127	7	27
4-Chloroaniline	ND		32.0	15.6		ug/L		49	16 - 124	22	22
4-Chlorophenyl phenyl ether	ND		32.0	33.4		ug/L		104	61 - 120	5	16
4-Methylphenol	ND		32.0	26.4		ug/L		83	36 - 120	10	24
4-Nitroaniline	ND		32.0	23.2		ug/L		72	32 - 150	13	24
4-Nitrophenol	ND		64.0	50.9		ug/L		79	23 - 132	3	48
Acenaphthene	ND		32.0	31.9		ug/L		100	48 - 120	6	24

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-154653-12 MSD

Matrix: Water

Analysis Batch: 477865

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477313

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthylene	ND		32.0	34.7		ug/L		108	63 - 120	6	18
Acetophenone	ND		32.0	29.8		ug/L		93	53 - 120	6	20
Anthracene	ND		32.0	31.6		ug/L		99	65 - 122	9	15
Atrazine	ND		64.0	58.6		ug/L		92	50 - 150	10	20
Benzaldehyde	ND		64.0	54.4		ug/L		85	10 - 150	0	20
Benzo[a]anthracene	ND		32.0	35.8		ug/L		112	43 - 124	7	15
Benzo[a]pyrene	ND		32.0	29.9		ug/L		93	23 - 125	9	15
Benzo[b]fluoranthene	ND		32.0	34.0		ug/L		106	27 - 127	10	15
Benzo[g,h,i]perylene	ND		32.0	33.7		ug/L		105	16 - 147	5	15
Benzo[k]fluoranthene	ND		32.0	32.3		ug/L		101	20 - 124	7	22
Bis(2-chloroethoxy)methane	ND		32.0	29.4		ug/L		92	44 - 128	5	17
Bis(2-chloroethyl)ether	ND		32.0	31.1		ug/L		97	45 - 120	8	21
Bis(2-ethylhexyl) phthalate	ND		32.0	37.5		ug/L		117	16 - 150	7	15
Butyl benzyl phthalate	ND		32.0	35.0		ug/L		109	51 - 140	6	16
Caprolactam	ND		64.0	24.7		ug/L		39	10 - 120	11	20
Carbazole	ND		32.0	29.5		ug/L		92	16 - 148	6	20
Chrysene	ND		32.0	33.9		ug/L		106	44 - 122	6	15
Dibenz(a,h)anthracene	ND		32.0	32.9		ug/L		103	16 - 139	5	15
Di-n-butyl phthalate	ND		32.0	32.9		ug/L		103	65 - 129	5	15
Di-n-octyl phthalate	ND		32.0	39.8		ug/L		124	16 - 150	8	16
Dibenzofuran	ND		32.0	33.5		ug/L		105	60 - 120	6	15
Diethyl phthalate	ND		32.0	26.0		ug/L		81	53 - 133	15	15
Dimethyl phthalate	ND		32.0	26.2		ug/L		82	59 - 123	6	15
Fluoranthene	0.43	J	32.0	28.6		ug/L		88	63 - 129	11	15
Fluorene	0.47	J B	32.0	33.8		ug/L		104	62 - 120	5	15
Hexachlorobenzene	ND		32.0	31.3		ug/L		98	57 - 121	4	15
Hexachlorobutadiene	ND		32.0	27.7		ug/L		87	37 - 120	4	44
Hexachlorocyclopentadiene	ND		32.0	23.0		ug/L		72	21 - 120	4	49
Hexachloroethane	ND		32.0	25.8		ug/L		81	16 - 130	5	46
Indeno[1,2,3-cd]pyrene	ND		32.0	32.6		ug/L		102	16 - 140	7	15
Isophorone	ND		32.0	31.4		ug/L		98	48 - 133	5	17
N-Nitrosodi-n-propylamine	ND		32.0	29.1		ug/L		91	49 - 120	6	31
N-Nitrosodiphenylamine	ND		32.0	22.6		ug/L		71	39 - 138	15	15
Naphthalene	ND		32.0	29.0		ug/L		91	45 - 120	5	29
Nitrobenzene	ND		32.0	32.9		ug/L		103	45 - 123	3	24
Pentachlorophenol	ND		64.0	46.6		ug/L		73	23 - 149	25	37
Phenanthrene	2.3	J B	32.0	36.6		ug/L		107	65 - 122	4	15
Phenol	ND		32.0	20.1		ug/L		63	16 - 120	12	34
Pyrene	ND		32.0	33.8		ug/L		106	58 - 128	6	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	91		46 - 120
Phenol-d5 (Surr)	60		22 - 120
p-Terphenyl-d14 (Surr)	84		59 - 136
2,4,6-Tribromophenol (Surr)	97		41 - 120
2-Fluorobiphenyl	98		48 - 120
2-Fluorophenol (Surr)	75		35 - 120

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method: 608.3 - Organochlorine Pesticides in Water

Lab Sample ID: MB 480-477151/1-A

Matrix: Water

Analysis Batch: 477157

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477151

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/11/19 07:42	06/11/19 14:34	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/11/19 07:42	06/11/19 14:34	1
beta-BHC	ND		0.050	0.025	ug/L		06/11/19 07:42	06/11/19 14:34	1
delta-BHC	ND		0.050	0.010	ug/L		06/11/19 07:42	06/11/19 14:34	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/11/19 07:42	06/11/19 14:34	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/11/19 07:42	06/11/19 14:34	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/11/19 07:42	06/11/19 14:34	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/11/19 07:42	06/11/19 14:34	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/11/19 07:42	06/11/19 14:34	1
Dieldrin	ND		0.050	0.0098	ug/L		06/11/19 07:42	06/11/19 14:34	1
Endosulfan I	ND		0.050	0.011	ug/L		06/11/19 07:42	06/11/19 14:34	1
Endosulfan II	ND		0.050	0.012	ug/L		06/11/19 07:42	06/11/19 14:34	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/11/19 07:42	06/11/19 14:34	1
Endrin	ND		0.050	0.014	ug/L		06/11/19 07:42	06/11/19 14:34	1
Endrin aldehyde	ND		0.050	0.016	ug/L		06/11/19 07:42	06/11/19 14:34	1
Heptachlor	ND		0.050	0.0085	ug/L		06/11/19 07:42	06/11/19 14:34	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/11/19 07:42	06/11/19 14:34	1
Toxaphene	ND		0.50	0.12	ug/L		06/11/19 07:42	06/11/19 14:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		23 - 120	06/11/19 07:42	06/11/19 14:34	1
DCB Decachlorobiphenyl	46		23 - 120	06/11/19 07:42	06/11/19 14:34	1
Tetrachloro-m-xylene	93		44 - 120	06/11/19 07:42	06/11/19 14:34	1
Tetrachloro-m-xylene	70		44 - 120	06/11/19 07:42	06/11/19 14:34	1

Lab Sample ID: LCS 480-477151/2-A

Matrix: Water

Analysis Batch: 477157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477151

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.500	0.356		ug/L		71	40 - 125
alpha-BHC	0.500	0.414		ug/L		83	52 - 125
beta-BHC	0.500	0.420		ug/L		84	52 - 120
delta-BHC	0.500	0.494		ug/L		99	51 - 120
gamma-BHC (Lindane)	0.500	0.463		ug/L		93	56 - 120
4,4'-DDD	0.500	0.524		ug/L		105	64 - 129
4,4'-DDE	0.500	0.438		ug/L		88	50 - 120
4,4'-DDT	0.500	0.521		ug/L		104	59 - 120
Dieldrin	0.500	0.524		ug/L		105	66 - 128
Endosulfan I	0.500	0.483		ug/L		97	57 - 120
Endosulfan II	0.500	0.485		ug/L		97	66 - 131
Endosulfan sulfate	0.500	0.516		ug/L		103	66 - 131
Endrin	0.500	0.527		ug/L		105	65 - 135
Endrin aldehyde	0.500	0.369		ug/L		74	61 - 134
Heptachlor	0.500	0.454		ug/L		91	58 - 120
Heptachlor epoxide	0.500	0.489		ug/L		98	65 - 125

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: LCS 480-477151/2-A

Matrix: Water

Analysis Batch: 477157

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477151

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	40		23 - 120
DCB Decachlorobiphenyl	38		23 - 120
Tetrachloro-m-xylene	89		44 - 120
Tetrachloro-m-xylene	73		44 - 120

Lab Sample ID: 480-154653-12 MS

Matrix: Water

Analysis Batch: 477157

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477151

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	ND		0.510	0.335		ug/L		66	16 - 128
alpha-BHC	ND		0.510	0.410		ug/L		80	48 - 120
beta-BHC	ND		0.510	0.451		ug/L		88	41 - 147
delta-BHC	ND		0.510	0.493		ug/L		97	29 - 152
gamma-BHC (Lindane)	ND		0.510	0.457		ug/L		90	58 - 120
4,4'-DDD	ND		0.510	0.437		ug/L		86	57 - 130
4,4'-DDE	ND		0.510	0.323		ug/L		63	39 - 120
4,4'-DDT	ND		0.510	0.352		ug/L		69	37 - 130
Dieldrin	ND		0.510	0.501		ug/L		98	56 - 130
Endosulfan I	ND		0.510	0.460		ug/L		90	40 - 126
Endosulfan II	ND		0.510	0.474		ug/L		93	59 - 140
Endosulfan sulfate	ND		0.510	0.550		ug/L		108	60 - 134
Endrin	ND		0.510	0.511		ug/L		100	54 - 135
Endrin aldehyde	ND		0.510	0.434		ug/L		85	50 - 142
Heptachlor	ND		0.510	0.425		ug/L		83	56 - 120
Heptachlor epoxide	ND		0.510	0.479		ug/L		94	58 - 125

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	44		23 - 120
DCB Decachlorobiphenyl	49		23 - 120
Tetrachloro-m-xylene	83		44 - 120
Tetrachloro-m-xylene	64		44 - 120

Lab Sample ID: 480-154653-12 MSD

Matrix: Water

Analysis Batch: 477157

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477151

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	ND		0.500	0.303		ug/L		61	16 - 128	10	50
alpha-BHC	ND		0.500	0.388		ug/L		78	48 - 120	6	50
beta-BHC	ND		0.500	0.428		ug/L		86	41 - 147	5	50
delta-BHC	ND		0.500	0.460		ug/L		92	29 - 152	7	50
gamma-BHC (Lindane)	ND		0.500	0.426		ug/L		85	58 - 120	7	50
4,4'-DDD	ND		0.500	0.368		ug/L		74	57 - 130	17	50
4,4'-DDE	ND		0.500	0.293		ug/L		59	39 - 120	10	50
4,4'-DDT	ND		0.500	0.295		ug/L		59	37 - 130	18	50
Dieldrin	ND		0.500	0.471		ug/L		94	56 - 130	6	50
Endosulfan I	ND		0.500	0.422		ug/L		84	40 - 126	9	50

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: 480-154653-12 MSD

Matrix: Water

Analysis Batch: 477157

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477151

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endosulfan II	ND		0.500	0.437		ug/L		87	59 - 140	8	50
Endosulfan sulfate	ND		0.500	0.518		ug/L		104	60 - 134	6	50
Endrin	ND		0.500	0.466		ug/L		93	54 - 135	9	50
Endrin aldehyde	ND		0.500	0.418		ug/L		84	50 - 142	4	50
Heptachlor	ND		0.500	0.387		ug/L		77	56 - 120	9	50
Heptachlor epoxide	ND		0.500	0.441		ug/L		88	58 - 125	8	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	46		23 - 120
DCB Decachlorobiphenyl	51		23 - 120
Tetrachloro-m-xylene	80		44 - 120
Tetrachloro-m-xylene	61		44 - 120

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-477258/1-A

Matrix: Water

Analysis Batch: 477462

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477258

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 15:46	1
PCB-1221	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 15:46	1
PCB-1232	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 15:46	1
PCB-1242	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 15:46	1
PCB-1248	ND		0.060	0.038	ug/L		06/11/19 15:27	06/12/19 15:46	1
PCB-1254	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 15:46	1
PCB-1260	ND		0.060	0.031	ug/L		06/11/19 15:27	06/12/19 15:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51		36 - 121	06/11/19 15:27	06/12/19 15:46	1
DCB Decachlorobiphenyl	51		36 - 121	06/11/19 15:27	06/12/19 15:46	1
Tetrachloro-m-xylene	89		42 - 135	06/11/19 15:27	06/12/19 15:46	1
Tetrachloro-m-xylene	73		42 - 135	06/11/19 15:27	06/12/19 15:46	1

Lab Sample ID: LCS 480-477258/2-A

Matrix: Water

Analysis Batch: 477462

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477258

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	1.08		ug/L		108	69 - 123
PCB-1260	1.00	0.955	E	ug/L		95	69 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	52		36 - 121
DCB Decachlorobiphenyl	55		36 - 121
Tetrachloro-m-xylene	101		42 - 135
Tetrachloro-m-xylene	80		42 - 135

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: 480-154653-12 MS

Matrix: Water

Analysis Batch: 477462

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477258

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		1.00	0.952		ug/L		95	43 - 150
PCB-1260	ND		1.00	0.645		ug/L		64	21 - 150
Surrogate	MS %Recovery	MS Qualifier	Limits						
DCB Decachlorobiphenyl	44		36 - 121						
DCB Decachlorobiphenyl	50		36 - 121						
Tetrachloro-m-xylene	85		42 - 135						
Tetrachloro-m-xylene	71		42 - 135						

Lab Sample ID: 480-154653-12 MSD

Matrix: Water

Analysis Batch: 477462

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477258

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		1.00	0.931		ug/L		93	43 - 150	2	30
PCB-1260	ND		1.00	0.708		ug/L		71	21 - 150	9	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
DCB Decachlorobiphenyl	43		36 - 121								
DCB Decachlorobiphenyl	48		36 - 121								
Tetrachloro-m-xylene	90		42 - 135								
Tetrachloro-m-xylene	68		42 - 135								

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-477085/1-A

Matrix: Water

Analysis Batch: 478285

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477085

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/12/19 07:41	06/17/19 11:23	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 07:41	06/17/19 11:23	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 07:41	06/17/19 11:23	1
Barium	ND		0.0020	0.00070	mg/L		06/12/19 07:41	06/17/19 11:23	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 07:41	06/17/19 11:23	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 07:41	06/17/19 11:23	1
Calcium	ND		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:23	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 07:41	06/17/19 11:23	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 07:41	06/17/19 11:23	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 07:41	06/17/19 11:23	1
Iron	0.0311	J	0.050	0.019	mg/L		06/12/19 07:41	06/17/19 11:23	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 07:41	06/17/19 11:23	1
Magnesium	ND		0.20	0.043	mg/L		06/12/19 07:41	06/17/19 11:23	1
Manganese	0.000410	J	0.0030	0.00040	mg/L		06/12/19 07:41	06/17/19 11:23	1
Nickel	ND		0.010	0.0013	mg/L		06/12/19 07:41	06/17/19 11:23	1
Potassium	ND		0.50	0.10	mg/L		06/12/19 07:41	06/17/19 11:23	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 07:41	06/17/19 11:23	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 07:41	06/17/19 11:23	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Lab Sample ID: MB 480-477085/1-A

Matrix: Water

Analysis Batch: 478285

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477085

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		1.0	0.32	mg/L		06/12/19 07:41	06/17/19 11:23	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 07:41	06/17/19 11:23	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 07:41	06/17/19 11:23	1

Lab Sample ID: MB 480-477085/1-A

Matrix: Water

Analysis Batch: 478990

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477085

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/12/19 07:41	06/20/19 12:05	1

Lab Sample ID: LCS 480-477085/2-A

Matrix: Water

Analysis Batch: 478285

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477085

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	10.05		mg/L		101	80 - 120
Antimony	0.200	0.228		mg/L		114	80 - 120
Arsenic	0.200	0.208		mg/L		104	80 - 120
Barium	0.200	0.215		mg/L		107	80 - 120
Beryllium	0.200	0.214		mg/L		107	80 - 120
Cadmium	0.200	0.209		mg/L		104	80 - 120
Calcium	10.0	10.59		mg/L		106	80 - 120
Chromium	0.200	0.206		mg/L		103	80 - 120
Cobalt	0.200	0.196		mg/L		98	80 - 120
Copper	0.200	0.202		mg/L		101	80 - 120
Iron	10.0	10.40		mg/L		104	80 - 120
Lead	0.200	0.201		mg/L		100	80 - 120
Magnesium	10.0	10.49		mg/L		105	80 - 120
Manganese	0.200	0.205		mg/L		102	80 - 120
Nickel	0.200	0.205		mg/L		102	80 - 120
Potassium	10.0	10.0		mg/L		100	80 - 120
Selenium	0.200	0.199		mg/L		99	80 - 120
Silver	0.0500	0.0511		mg/L		102	80 - 120
Sodium	10.0	9.84		mg/L		98	80 - 120
Thallium	0.200	0.209		mg/L		104	80 - 120
Vanadium	0.200	0.203		mg/L		102	80 - 120

Lab Sample ID: LCS 480-477085/2-A

Matrix: Water

Analysis Batch: 478990

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477085

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.223		mg/L		112	80 - 120

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Lab Sample ID: 480-154653-12 MS

Matrix: Water

Analysis Batch: 478285

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477085

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	24.5	F1	10.0	52.88	F1	mg/L		283	75 - 125
Antimony	ND		0.200	0.209		mg/L		104	75 - 125
Arsenic	0.012	J	0.200	0.227		mg/L		107	75 - 125
Barium	0.32		0.200	0.522		mg/L		98	75 - 125
Beryllium	0.0011	J	0.200	0.209		mg/L		104	75 - 125
Cadmium	0.0018	J	0.200	0.213		mg/L		106	75 - 125
Calcium	233		10.0	232.0	4	mg/L		-12	75 - 125
Chromium	0.077		0.200	0.277		mg/L		100	75 - 125
Cobalt	0.017		0.200	0.220		mg/L		102	75 - 125
Copper	0.15		0.200	0.352		mg/L		100	75 - 125
Iron	28.2	B F1	10.0	40.45		mg/L		123	75 - 125
Lead	0.53		0.200	0.712		mg/L		92	75 - 125
Magnesium	43.2		10.0	53.66	4	mg/L		105	75 - 125
Manganese	0.89	B	0.200	1.06	4	mg/L		84	75 - 125
Nickel	0.11		0.200	0.312		mg/L		103	75 - 125
Potassium	8.2		10.0	18.73		mg/L		106	75 - 125
Selenium	ND		0.200	0.207		mg/L		104	75 - 125
Silver	ND		0.0500	0.0518		mg/L		104	75 - 125
Sodium	36.8		10.0	45.11		mg/L		83	75 - 125
Thallium	ND		0.200	0.212		mg/L		106	75 - 125
Vanadium	0.038		0.200	0.245		mg/L		104	75 - 125

Lab Sample ID: 480-154653-12 MS

Matrix: Water

Analysis Batch: 478990

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477085

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.30		0.200	0.483		mg/L		91	75 - 125

Lab Sample ID: 480-154653-12 MSD

Matrix: Water

Analysis Batch: 478285

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477085

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	24.5	F1	10.0	54.30	F1	mg/L		298	75 - 125	3	20
Antimony	ND		0.200	0.210		mg/L		105	75 - 125	1	20
Arsenic	0.012	J	0.200	0.229		mg/L		108	75 - 125	1	20
Barium	0.32		0.200	0.539		mg/L		107	75 - 125	3	20
Beryllium	0.0011	J	0.200	0.213		mg/L		106	75 - 125	2	20
Cadmium	0.0018	J	0.200	0.217		mg/L		108	75 - 125	2	20
Calcium	233		10.0	240.0	4	mg/L		68	75 - 125	3	20
Chromium	0.077		0.200	0.286		mg/L		105	75 - 125	3	20
Cobalt	0.017		0.200	0.225		mg/L		104	75 - 125	2	20
Copper	0.15		0.200	0.358		mg/L		103	75 - 125	2	20
Iron	28.2	B F1	10.0	41.88	F1	mg/L		137	75 - 125	3	20
Lead	0.53		0.200	0.734		mg/L		103	75 - 125	3	20
Magnesium	43.2		10.0	55.21	4	mg/L		120	75 - 125	3	20
Manganese	0.89	B	0.200	1.10	4	mg/L		103	75 - 125	4	20
Nickel	0.11		0.200	0.321		mg/L		107	75 - 125	3	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Lab Sample ID: 480-154653-12 MSD

Matrix: Water

Analysis Batch: 478285

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477085

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Potassium	8.2		10.0	19.17		mg/L		110	75 - 125	2	20
Selenium	ND		0.200	0.213		mg/L		106	75 - 125	3	20
Silver	ND		0.0500	0.0520		mg/L		104	75 - 125	1	20
Sodium	36.8		10.0	46.54		mg/L		97	75 - 125	3	20
Thallium	ND		0.200	0.213		mg/L		106	75 - 125	0	20
Vanadium	0.038		0.200	0.250		mg/L		106	75 - 125	2	20

Lab Sample ID: 480-154653-12 MSD

Matrix: Water

Analysis Batch: 478990

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 477085

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc	0.30		0.200	0.492		mg/L		96	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-476986/1-A

Matrix: Water

Analysis Batch: 477089

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 476986

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/10/19 11:39	06/10/19 14:46	1

Lab Sample ID: LCS 480-476986/2-A

Matrix: Water

Analysis Batch: 477089

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 476986

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00682		mg/L		102	80 - 120

Lab Sample ID: 480-154653-12 MS

Matrix: Water

Analysis Batch: 477089

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 476986

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00012	J	0.00667	0.00702		mg/L		105	80 - 120

Lab Sample ID: 480-154653-12 MSD

Matrix: Water

Analysis Batch: 477089

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 476986

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00012	J	0.00667	0.00712		mg/L		107	80 - 120	1	20

Lab Sample ID: MB 480-477192/1-A

Matrix: Water

Analysis Batch: 477479

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 13:49	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

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

Lab Sample ID: LCS 480-477192/2-A

Matrix: Water

Analysis Batch: 477479

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477192

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury			0.00667	0.00700		mg/L		105	80 - 120

Lab Sample ID: 480-154653-13 MS

Matrix: Water

Analysis Batch: 477479

Client Sample ID: RFI-05A

Prep Type: Total/NA

Prep Batch: 477192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00718		mg/L		108	80 - 120

Lab Sample ID: 480-154653-13 MSD

Matrix: Water

Analysis Batch: 477479

Client Sample ID: RFI-05A

Prep Type: Total/NA

Prep Batch: 477192

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	ND		0.00667	0.00725		mg/L		109	80 - 120	1	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 480-476904/27

Matrix: Water

Analysis Batch: 476904

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.010	0.0050	mg/L			06/08/19 08:20	1

Lab Sample ID: LCS 480-476904/28

Matrix: Water

Analysis Batch: 476904

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium, hexavalent			0.0500	0.0558		mg/L		112	85 - 115

Lab Sample ID: 480-154653-6 MS

Matrix: Water

Analysis Batch: 476904

Client Sample ID: TW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium, hexavalent	0.0075	J H	0.0500	0.0558		mg/L		97	85 - 115

Lab Sample ID: 480-154653-15 MS

Matrix: Water

Analysis Batch: 476904

Client Sample ID: TW-9

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium, hexavalent	ND	F1	1.25	0.931	F1	mg/L		74	85 - 115

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 480-154653-7 DU

Matrix: Water

Analysis Batch: 476904

Client Sample ID: TW-7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Chromium, hexavalent	5.3	H	2.85	F3	mg/L	—	60	20

Lab Sample ID: 480-154653-9 DU

Matrix: Water

Analysis Batch: 476904

Client Sample ID: TW-12

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Chromium, hexavalent	ND	H	ND		mg/L	—	NC	20

Lab Sample ID: 480-154653-11 DU

Matrix: Water

Analysis Batch: 476904

Client Sample ID: TW-15

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Chromium, hexavalent	6.8	H	7.06		mg/L	—	4	20

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

GC/MS VOA

Analysis Batch: 476858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-1	RFI-26	Total/NA	Water	8260C	
480-154653-2	RFI-31	Total/NA	Water	8260C	
480-154653-3	RFI-34	Total/NA	Water	8260C	
480-154653-4	RFI-35	Total/NA	Water	8260C	
480-154653-5	RFI-36	Total/NA	Water	8260C	
480-154653-6	TW-6	Total/NA	Water	8260C	
480-154653-7	TW-7	Total/NA	Water	8260C	
480-154653-8	TW-8	Total/NA	Water	8260C	
480-154653-9	TW-12	Total/NA	Water	8260C	
480-154653-10	TW-14	Total/NA	Water	8260C	
480-154653-11	TW-15	Total/NA	Water	8260C	
480-154653-12	MW-7	Total/NA	Water	8260C	
480-154653-13	RFI-05A	Total/NA	Water	8260C	
480-154653-15	TW-9	Total/NA	Water	8260C	
480-154653-16	TW-13	Total/NA	Water	8260C	
480-154653-17	MW-8	Total/NA	Water	8260C	
MB 480-476858/7	Method Blank	Total/NA	Water	8260C	
LCS 480-476858/5	Lab Control Sample	Total/NA	Water	8260C	
480-154653-12 MS	MW-7	Total/NA	Water	8260C	
480-154653-12 MSD	MW-7	Total/NA	Water	8260C	

Analysis Batch: 476963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-14	DUP-060719-1	Total/NA	Water	8260C	
MB 480-476963/7	Method Blank	Total/NA	Water	8260C	
LCS 480-476963/5	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 477313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-1	RFI-26	Total/NA	Water	3510C	
480-154653-2	RFI-31	Total/NA	Water	3510C	
480-154653-3	RFI-34	Total/NA	Water	3510C	
480-154653-4	RFI-35	Total/NA	Water	3510C	
480-154653-5	RFI-36	Total/NA	Water	3510C	
480-154653-6	TW-6	Total/NA	Water	3510C	
480-154653-7	TW-7	Total/NA	Water	3510C	
480-154653-8	TW-8	Total/NA	Water	3510C	
480-154653-9	TW-12	Total/NA	Water	3510C	
480-154653-10	TW-14	Total/NA	Water	3510C	
480-154653-11	TW-15	Total/NA	Water	3510C	
480-154653-12	MW-7	Total/NA	Water	3510C	
480-154653-13	RFI-05A	Total/NA	Water	3510C	
480-154653-14	DUP-060719-1	Total/NA	Water	3510C	
480-154653-15	TW-9	Total/NA	Water	3510C	
480-154653-16	TW-13	Total/NA	Water	3510C	
480-154653-17	MW-8	Total/NA	Water	3510C	
MB 480-477313/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-477313/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-154653-12 MS	MW-7	Total/NA	Water	3510C	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

GC/MS Semi VOA (Continued)

Prep Batch: 477313 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-12 MSD	MW-7	Total/NA	Water	3510C	

Analysis Batch: 477865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-1	RFI-26	Total/NA	Water	8270D	477313
480-154653-2	RFI-31	Total/NA	Water	8270D	477313
480-154653-3	RFI-34	Total/NA	Water	8270D	477313
480-154653-4	RFI-35	Total/NA	Water	8270D	477313
480-154653-5	RFI-36	Total/NA	Water	8270D	477313
480-154653-6	TW-6	Total/NA	Water	8270D	477313
480-154653-7	TW-7	Total/NA	Water	8270D	477313
480-154653-8	TW-8	Total/NA	Water	8270D	477313
480-154653-9	TW-12	Total/NA	Water	8270D	477313
480-154653-10	TW-14	Total/NA	Water	8270D	477313
480-154653-11	TW-15	Total/NA	Water	8270D	477313
480-154653-12	MW-7	Total/NA	Water	8270D	477313
480-154653-13	RFI-05A	Total/NA	Water	8270D	477313
480-154653-14	DUP-060719-1	Total/NA	Water	8270D	477313
480-154653-15	TW-9	Total/NA	Water	8270D	477313
MB 480-477313/1-A	Method Blank	Total/NA	Water	8270D	477313
LCS 480-477313/2-A	Lab Control Sample	Total/NA	Water	8270D	477313
480-154653-12 MS	MW-7	Total/NA	Water	8270D	477313
480-154653-12 MSD	MW-7	Total/NA	Water	8270D	477313

Analysis Batch: 478132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-16	TW-13	Total/NA	Water	8270D	477313

Analysis Batch: 478204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-17	MW-8	Total/NA	Water	8270D	477313

GC Semi VOA

Prep Batch: 477151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-1	RFI-26	Total/NA	Water	3510C	
480-154653-2	RFI-31	Total/NA	Water	3510C	
480-154653-3	RFI-34	Total/NA	Water	3510C	
480-154653-4	RFI-35	Total/NA	Water	3510C	
480-154653-5	RFI-36	Total/NA	Water	3510C	
480-154653-6	TW-6	Total/NA	Water	3510C	
480-154653-7	TW-7	Total/NA	Water	3510C	
480-154653-8	TW-8	Total/NA	Water	3510C	
480-154653-9	TW-12	Total/NA	Water	3510C	
480-154653-10	TW-14	Total/NA	Water	3510C	
480-154653-11	TW-15	Total/NA	Water	3510C	
480-154653-12	MW-7	Total/NA	Water	3510C	
480-154653-13	RFI-05A	Total/NA	Water	3510C	
480-154653-14	DUP-060719-1	Total/NA	Water	3510C	
480-154653-15	TW-9	Total/NA	Water	3510C	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

GC Semi VOA (Continued)

Prep Batch: 477151 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-16	TW-13	Total/NA	Water	3510C	
480-154653-17	MW-8	Total/NA	Water	3510C	
MB 480-477151/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-477151/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-154653-12 MS	MW-7	Total/NA	Water	3510C	
480-154653-12 MSD	MW-7	Total/NA	Water	3510C	

Analysis Batch: 477157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-1	RFI-26	Total/NA	Water	608.3	477151
480-154653-2	RFI-31	Total/NA	Water	608.3	477151
480-154653-3	RFI-34	Total/NA	Water	608.3	477151
480-154653-4	RFI-35	Total/NA	Water	608.3	477151
480-154653-5	RFI-36	Total/NA	Water	608.3	477151
480-154653-6	TW-6	Total/NA	Water	608.3	477151
480-154653-7	TW-7	Total/NA	Water	608.3	477151
480-154653-8	TW-8	Total/NA	Water	608.3	477151
480-154653-9	TW-12	Total/NA	Water	608.3	477151
480-154653-10	TW-14	Total/NA	Water	608.3	477151
480-154653-11	TW-15	Total/NA	Water	608.3	477151
480-154653-12	MW-7	Total/NA	Water	608.3	477151
480-154653-13	RFI-05A	Total/NA	Water	608.3	477151
480-154653-14	DUP-060719-1	Total/NA	Water	608.3	477151
480-154653-15	TW-9	Total/NA	Water	608.3	477151
480-154653-16	TW-13	Total/NA	Water	608.3	477151
480-154653-17	MW-8	Total/NA	Water	608.3	477151
MB 480-477151/1-A	Method Blank	Total/NA	Water	608.3	477151
LCS 480-477151/2-A	Lab Control Sample	Total/NA	Water	608.3	477151
480-154653-12 MS	MW-7	Total/NA	Water	608.3	477151
480-154653-12 MSD	MW-7	Total/NA	Water	608.3	477151

Prep Batch: 477258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-1	RFI-26	Total/NA	Water	3510C	
480-154653-2	RFI-31	Total/NA	Water	3510C	
480-154653-3	RFI-34	Total/NA	Water	3510C	
480-154653-4	RFI-35	Total/NA	Water	3510C	
480-154653-5	RFI-36	Total/NA	Water	3510C	
480-154653-6	TW-6	Total/NA	Water	3510C	
480-154653-7	TW-7	Total/NA	Water	3510C	
480-154653-8	TW-8	Total/NA	Water	3510C	
480-154653-9	TW-12	Total/NA	Water	3510C	
480-154653-10	TW-14	Total/NA	Water	3510C	
480-154653-11	TW-15	Total/NA	Water	3510C	
480-154653-12	MW-7	Total/NA	Water	3510C	
480-154653-13	RFI-05A	Total/NA	Water	3510C	
480-154653-14	DUP-060719-1	Total/NA	Water	3510C	
480-154653-15	TW-9	Total/NA	Water	3510C	
480-154653-16	TW-13	Total/NA	Water	3510C	
480-154653-17	MW-8	Total/NA	Water	3510C	
MB 480-477258/1-A	Method Blank	Total/NA	Water	3510C	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

GC Semi VOA (Continued)

Prep Batch: 477258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-477258/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-154653-12 MS	MW-7	Total/NA	Water	3510C	
480-154653-12 MSD	MW-7	Total/NA	Water	3510C	

Analysis Batch: 477462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-1	RFI-26	Total/NA	Water	608.3	477258
480-154653-2	RFI-31	Total/NA	Water	608.3	477258
480-154653-3	RFI-34	Total/NA	Water	608.3	477258
480-154653-4	RFI-35	Total/NA	Water	608.3	477258
480-154653-5	RFI-36	Total/NA	Water	608.3	477258
480-154653-6	TW-6	Total/NA	Water	608.3	477258
480-154653-7	TW-7	Total/NA	Water	608.3	477258
480-154653-8	TW-8	Total/NA	Water	608.3	477258
480-154653-9	TW-12	Total/NA	Water	608.3	477258
480-154653-10	TW-14	Total/NA	Water	608.3	477258
480-154653-11	TW-15	Total/NA	Water	608.3	477258
480-154653-12	MW-7	Total/NA	Water	608.3	477258
480-154653-13	RFI-05A	Total/NA	Water	608.3	477258
480-154653-14	DUP-060719-1	Total/NA	Water	608.3	477258
480-154653-15	TW-9	Total/NA	Water	608.3	477258
480-154653-16	TW-13	Total/NA	Water	608.3	477258
480-154653-17	MW-8	Total/NA	Water	608.3	477258
MB 480-477258/1-A	Method Blank	Total/NA	Water	608.3	477258
LCS 480-477258/2-A	Lab Control Sample	Total/NA	Water	608.3	477258
480-154653-12 MS	MW-7	Total/NA	Water	608.3	477258
480-154653-12 MSD	MW-7	Total/NA	Water	608.3	477258

Metals

Prep Batch: 476986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-1	RFI-26	Total/NA	Water	7470A	
480-154653-2	RFI-31	Total/NA	Water	7470A	
480-154653-3	RFI-34	Total/NA	Water	7470A	
480-154653-4	RFI-35	Total/NA	Water	7470A	
480-154653-5	RFI-36	Total/NA	Water	7470A	
480-154653-6	TW-6	Total/NA	Water	7470A	
480-154653-7	TW-7	Total/NA	Water	7470A	
480-154653-8	TW-8	Total/NA	Water	7470A	
480-154653-9	TW-12	Total/NA	Water	7470A	
480-154653-10	TW-14	Total/NA	Water	7470A	
480-154653-11	TW-15	Total/NA	Water	7470A	
480-154653-12	MW-7	Total/NA	Water	7470A	
480-154653-14	DUP-060719-1	Total/NA	Water	7470A	
480-154653-15	TW-9	Total/NA	Water	7470A	
480-154653-16	TW-13	Total/NA	Water	7470A	
MB 480-476986/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-476986/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-154653-12 MS	MW-7	Total/NA	Water	7470A	
480-154653-12 MSD	MW-7	Total/NA	Water	7470A	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Metals

Prep Batch: 477085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-1	RFI-26	Total/NA	Water	3005A	
480-154653-2	RFI-31	Total/NA	Water	3005A	
480-154653-3	RFI-34	Total/NA	Water	3005A	
480-154653-4	RFI-35	Total/NA	Water	3005A	
480-154653-5	RFI-36	Total/NA	Water	3005A	
480-154653-6	TW-6	Total/NA	Water	3005A	
480-154653-7	TW-7	Total/NA	Water	3005A	
480-154653-8	TW-8	Total/NA	Water	3005A	
480-154653-9	TW-12	Total/NA	Water	3005A	
480-154653-10	TW-14	Total/NA	Water	3005A	
480-154653-11	TW-15	Total/NA	Water	3005A	
480-154653-12	MW-7	Total/NA	Water	3005A	
480-154653-13	RFI-05A	Total/NA	Water	3005A	
480-154653-14	DUP-060719-1	Total/NA	Water	3005A	
480-154653-15	TW-9	Total/NA	Water	3005A	
480-154653-16	TW-13	Total/NA	Water	3005A	
480-154653-17	MW-8	Total/NA	Water	3005A	
MB 480-477085/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-477085/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-154653-12 MS	MW-7	Total/NA	Water	3005A	
480-154653-12 MSD	MW-7	Total/NA	Water	3005A	

Analysis Batch: 477089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-1	RFI-26	Total/NA	Water	7470A	476986
480-154653-2	RFI-31	Total/NA	Water	7470A	476986
480-154653-3	RFI-34	Total/NA	Water	7470A	476986
480-154653-4	RFI-35	Total/NA	Water	7470A	476986
480-154653-5	RFI-36	Total/NA	Water	7470A	476986
480-154653-6	TW-6	Total/NA	Water	7470A	476986
480-154653-7	TW-7	Total/NA	Water	7470A	476986
480-154653-8	TW-8	Total/NA	Water	7470A	476986
480-154653-9	TW-12	Total/NA	Water	7470A	476986
480-154653-10	TW-14	Total/NA	Water	7470A	476986
480-154653-11	TW-15	Total/NA	Water	7470A	476986
480-154653-12	MW-7	Total/NA	Water	7470A	476986
480-154653-14	DUP-060719-1	Total/NA	Water	7470A	476986
480-154653-15	TW-9	Total/NA	Water	7470A	476986
480-154653-16	TW-13	Total/NA	Water	7470A	476986
MB 480-476986/1-A	Method Blank	Total/NA	Water	7470A	476986
LCS 480-476986/2-A	Lab Control Sample	Total/NA	Water	7470A	476986
480-154653-12 MS	MW-7	Total/NA	Water	7470A	476986
480-154653-12 MSD	MW-7	Total/NA	Water	7470A	476986

Prep Batch: 477192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-13	RFI-05A	Total/NA	Water	7470A	
480-154653-17	MW-8	Total/NA	Water	7470A	
MB 480-477192/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-477192/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-154653-13 MS	RFI-05A	Total/NA	Water	7470A	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Metals (Continued)

Prep Batch: 477192 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-13 MSD	RFI-05A	Total/NA	Water	7470A	

Analysis Batch: 477479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-13	RFI-05A	Total/NA	Water	7470A	477192
480-154653-17	MW-8	Total/NA	Water	7470A	477192
MB 480-477192/1-A	Method Blank	Total/NA	Water	7470A	477192
LCS 480-477192/2-A	Lab Control Sample	Total/NA	Water	7470A	477192
480-154653-13 MS	RFI-05A	Total/NA	Water	7470A	477192
480-154653-13 MSD	RFI-05A	Total/NA	Water	7470A	477192

Analysis Batch: 478285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-1	RFI-26	Total/NA	Water	6010C	477085
480-154653-2	RFI-31	Total/NA	Water	6010C	477085
480-154653-3	RFI-34	Total/NA	Water	6010C	477085
480-154653-4	RFI-35	Total/NA	Water	6010C	477085
480-154653-5	RFI-36	Total/NA	Water	6010C	477085
480-154653-6	TW-6	Total/NA	Water	6010C	477085
480-154653-7	TW-7	Total/NA	Water	6010C	477085
480-154653-8	TW-8	Total/NA	Water	6010C	477085
480-154653-9	TW-12	Total/NA	Water	6010C	477085
480-154653-10	TW-14	Total/NA	Water	6010C	477085
480-154653-11	TW-15	Total/NA	Water	6010C	477085
480-154653-12	MW-7	Total/NA	Water	6010C	477085
480-154653-13	RFI-05A	Total/NA	Water	6010C	477085
480-154653-14	DUP-060719-1	Total/NA	Water	6010C	477085
480-154653-15	TW-9	Total/NA	Water	6010C	477085
480-154653-16	TW-13	Total/NA	Water	6010C	477085
480-154653-17	MW-8	Total/NA	Water	6010C	477085
MB 480-477085/1-A	Method Blank	Total/NA	Water	6010C	477085
LCS 480-477085/2-A	Lab Control Sample	Total/NA	Water	6010C	477085
480-154653-12 MS	MW-7	Total/NA	Water	6010C	477085
480-154653-12 MSD	MW-7	Total/NA	Water	6010C	477085

Analysis Batch: 478990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-1	RFI-26	Total/NA	Water	6010C	477085
480-154653-2	RFI-31	Total/NA	Water	6010C	477085
480-154653-3	RFI-34	Total/NA	Water	6010C	477085
480-154653-4	RFI-35	Total/NA	Water	6010C	477085
480-154653-5	RFI-36	Total/NA	Water	6010C	477085
480-154653-6	TW-6	Total/NA	Water	6010C	477085
480-154653-7	TW-7	Total/NA	Water	6010C	477085
480-154653-7	TW-7	Total/NA	Water	6010C	477085
480-154653-8	TW-8	Total/NA	Water	6010C	477085
480-154653-9	TW-12	Total/NA	Water	6010C	477085
480-154653-10	TW-14	Total/NA	Water	6010C	477085
480-154653-11	TW-15	Total/NA	Water	6010C	477085
480-154653-11	TW-15	Total/NA	Water	6010C	477085
480-154653-12	MW-7	Total/NA	Water	6010C	477085

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Metals (Continued)

Analysis Batch: 478990 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-13	RFI-05A	Total/NA	Water	6010C	477085
480-154653-14	DUP-060719-1	Total/NA	Water	6010C	477085
480-154653-15	TW-9	Total/NA	Water	6010C	477085
480-154653-16	TW-13	Total/NA	Water	6010C	477085
480-154653-17	MW-8	Total/NA	Water	6010C	477085
MB 480-477085/1-A	Method Blank	Total/NA	Water	6010C	477085
LCS 480-477085/2-A	Lab Control Sample	Total/NA	Water	6010C	477085
480-154653-12 MS	MW-7	Total/NA	Water	6010C	477085
480-154653-12 MSD	MW-7	Total/NA	Water	6010C	477085

General Chemistry

Analysis Batch: 476904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154653-6	TW-6	Total/NA	Water	7196A	
480-154653-7	TW-7	Total/NA	Water	7196A	
480-154653-8	TW-8	Total/NA	Water	7196A	
480-154653-9	TW-12	Total/NA	Water	7196A	
480-154653-10	TW-14	Total/NA	Water	7196A	
480-154653-11	TW-15	Total/NA	Water	7196A	
480-154653-15	TW-9	Total/NA	Water	7196A	
480-154653-16	TW-13	Total/NA	Water	7196A	
MB 480-476904/27	Method Blank	Total/NA	Water	7196A	
LCS 480-476904/28	Lab Control Sample	Total/NA	Water	7196A	
480-154653-6 MS	TW-6	Total/NA	Water	7196A	
480-154653-15 MS	TW-9	Total/NA	Water	7196A	
480-154653-7 DU	TW-7	Total/NA	Water	7196A	
480-154653-9 DU	TW-12	Total/NA	Water	7196A	
480-154653-11 DU	TW-15	Total/NA	Water	7196A	

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-26

Lab Sample ID: 480-154653-1

Date Collected: 06/06/19 12:40

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	476858	06/08/19 14:21	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/14/19 19:24	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 16:13	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 17:15	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 11:31	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 12:24	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 14:51	BMB	TAL BUF

Client Sample ID: RFI-31

Lab Sample ID: 480-154653-2

Date Collected: 06/06/19 16:40

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	476858	06/08/19 14:45	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/14/19 19:54	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 16:32	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 17:28	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 11:35	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 12:27	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 14:53	BMB	TAL BUF

Client Sample ID: RFI-34

Lab Sample ID: 480-154653-3

Date Collected: 06/06/19 12:45

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 15:09	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/14/19 20:23	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 16:52	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 17:41	W1T	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: RFI-34

Lab Sample ID: 480-154653-3

Date Collected: 06/06/19 12:45

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 11:39	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 12:31	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 14:54	BMB	TAL BUF

Client Sample ID: RFI-35

Lab Sample ID: 480-154653-4

Date Collected: 06/06/19 11:20

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 15:34	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/14/19 20:52	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 17:12	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 17:54	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 11:43	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 12:35	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 14:55	BMB	TAL BUF

Client Sample ID: RFI-36

Lab Sample ID: 480-154653-5

Date Collected: 06/06/19 11:15

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 15:58	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/14/19 21:21	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 17:31	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 18:06	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 11:47	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 12:38	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 14:57	BMB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-6

Lab Sample ID: 480-154653-6

Date Collected: 06/07/19 09:45

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 16:22	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/14/19 21:49	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 17:51	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 18:19	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 11:51	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 12:42	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 14:58	BMB	TAL BUF
Total/NA	Analysis	7196A		1	476904	06/08/19 11:33	AJL	TAL BUF

Client Sample ID: TW-7

Lab Sample ID: 480-154653-7

Date Collected: 06/07/19 09:30

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 16:46	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/14/19 22:17	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 18:11	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 18:32	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 12:06	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 12:46	AMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		5	478990	06/20/19 12:50	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 14:59	BMB	TAL BUF
Total/NA	Analysis	7196A		25	476904	06/08/19 11:33	AJL	TAL BUF

Client Sample ID: TW-8

Lab Sample ID: 480-154653-8

Date Collected: 06/07/19 08:30

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 17:10	KMN	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-8

Date Collected: 06/07/19 08:30

Date Received: 06/07/19 17:40

Lab Sample ID: 480-154653-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/14/19 22:46	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 18:30	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 18:45	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 12:10	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 13:05	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 15:01	BMB	TAL BUF
Total/NA	Analysis	7196A		1	476904	06/08/19 11:33	AJL	TAL BUF

Client Sample ID: TW-12

Date Collected: 06/07/19 11:25

Date Received: 06/07/19 17:40

Lab Sample ID: 480-154653-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 17:34	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/14/19 23:15	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 18:50	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 18:57	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 12:14	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 13:08	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 15:02	BMB	TAL BUF
Total/NA	Analysis	7196A		1	476904	06/08/19 11:33	AJL	TAL BUF

Client Sample ID: TW-14

Date Collected: 06/07/19 08:35

Date Received: 06/07/19 17:40

Lab Sample ID: 480-154653-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 17:58	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/14/19 23:44	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 19:10	JLS	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-14

Lab Sample ID: 480-154653-10

Date Collected: 06/07/19 08:35

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 19:10	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 12:18	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 13:12	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 15:06	BMB	TAL BUF
Total/NA	Analysis	7196A		1	476904	06/08/19 11:33	AJL	TAL BUF

Client Sample ID: TW-15

Lab Sample ID: 480-154653-11

Date Collected: 06/07/19 11:20

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 18:23	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/15/19 00:13	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 19:29	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 19:23	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 12:22	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 13:16	AMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		5	478990	06/20/19 13:20	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 15:07	BMB	TAL BUF
Total/NA	Analysis	7196A		25	476904	06/08/19 11:33	AJL	TAL BUF

Client Sample ID: MW-7

Lab Sample ID: 480-154653-12

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 18:46	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/14/19 18:56	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 15:53	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 16:37	W1T	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: MW-7

Lab Sample ID: 480-154653-12

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 12:26	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 13:24	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 15:08	BMB	TAL BUF

Client Sample ID: RFI-05A

Lab Sample ID: 480-154653-13

Date Collected: 06/06/19 14:25

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 19:10	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/15/19 00:41	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 20:09	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 19:36	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 12:56	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 13:53	AMH	TAL BUF
Total/NA	Prep	7470A			477192	06/12/19 11:13	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477479	06/12/19 13:58	BMB	TAL BUF

Client Sample ID: DUP-060719-1

Lab Sample ID: 480-154653-14

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476963	06/10/19 15:14	AEM	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/15/19 01:10	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 20:28	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 19:49	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 13:00	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 13:56	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 15:14	BMB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: TW-9

Date Collected: 06/07/19 14:00

Date Received: 06/07/19 17:40

Lab Sample ID: 480-154653-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 19:58	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477865	06/15/19 01:38	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 20:48	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 20:27	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 13:04	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 14:00	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 15:15	BMB	TAL BUF
Total/NA	Analysis	7196A		1	476904	06/08/19 11:33	AJL	TAL BUF

Client Sample ID: TW-13

Date Collected: 06/07/19 14:15

Date Received: 06/07/19 17:40

Lab Sample ID: 480-154653-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 20:22	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		1	478132	06/17/19 16:37	PJQ	TAL BUF
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 21:08	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477462	06/12/19 20:40	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 13:08	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 14:04	AMH	TAL BUF
Total/NA	Prep	7470A			476986	06/10/19 11:39	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477089	06/10/19 15:16	BMB	TAL BUF
Total/NA	Analysis	7196A		1	476904	06/08/19 11:33	AJL	TAL BUF

Client Sample ID: MW-8

Date Collected: 06/07/19 00:00

Date Received: 06/07/19 17:40

Lab Sample ID: 480-154653-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	476858	06/08/19 20:46	KMN	TAL BUF
Total/NA	Prep	3510C			477313	06/12/19 06:45	SMP	TAL BUF
Total/NA	Analysis	8270D		5	478204	06/18/19 16:29	RJS	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Client Sample ID: MW-8

Lab Sample ID: 480-154653-17

Date Collected: 06/07/19 00:00

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			477151	06/11/19 07:42	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477157	06/11/19 21:27	JLS	TAL BUF
Total/NA	Prep	3510C			477258	06/11/19 15:27	ATG	TAL BUF
Total/NA	Analysis	608.3		2	477462	06/12/19 20:53	W1T	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478285	06/17/19 13:12	LMH	TAL BUF
Total/NA	Prep	3005A			477085	06/12/19 07:41	JMP	TAL BUF
Total/NA	Analysis	6010C		1	478990	06/20/19 14:08	AMH	TAL BUF
Total/NA	Prep	7470A			477192	06/12/19 11:13	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477479	06/12/19 14:22	BMB	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

Method Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
608.3	Organochlorine Pesticides in Water	40CFR136A	TAL BUF
608.3	Polychlorinated Biphenyls (PCBs) (GC)	40CFR136A	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
7196A	Chromium, Hexavalent	SW846	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154653-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-154653-1	RFI-26	Water	06/06/19 12:40	06/07/19 17:40	
480-154653-2	RFI-31	Water	06/06/19 16:40	06/07/19 17:40	
480-154653-3	RFI-34	Water	06/06/19 12:45	06/07/19 17:40	
480-154653-4	RFI-35	Water	06/06/19 11:20	06/07/19 17:40	
480-154653-5	RFI-36	Water	06/06/19 11:15	06/07/19 17:40	
480-154653-6	TW-6	Water	06/07/19 09:45	06/07/19 17:40	
480-154653-7	TW-7	Water	06/07/19 09:30	06/07/19 17:40	
480-154653-8	TW-8	Water	06/07/19 08:30	06/07/19 17:40	
480-154653-9	TW-12	Water	06/07/19 11:25	06/07/19 17:40	
480-154653-10	TW-14	Water	06/07/19 08:35	06/07/19 17:40	
480-154653-11	TW-15	Water	06/07/19 11:20	06/07/19 17:40	
480-154653-12	MW-7	Water	06/06/19 14:45	06/07/19 17:40	
480-154653-13	RFI-05A	Water	06/06/19 14:25	06/07/19 17:40	
480-154653-14	DUP-060719-1	Water	06/06/19 14:45	06/07/19 17:40	
480-154653-15	TW-9	Water	06/07/19 14:00	06/07/19 17:40	
480-154653-16	TW-13	Water	06/07/19 14:15	06/07/19 17:40	
480-154653-17	MW-8	Water	06/07/19 00:00	06/07/19 17:40	



CHAIN OF CUSTODY

Client: New York State Dept. of Environmental Conservation

PAGE 1 OF 2

FED-EX Tracking #	Bottle Order Control #
Lab Quote #	Lab Job #

CLIENT/REPORTING INFORMATION		PROJECT INFORMATION		BILLING INFORMATION		REQUESTED ANALYSIS (see Test Code sheet)		LAB USE ONLY
Groundwater & Environmental Services, Inc. 415 Lawrence Bell Drive, Williamsville, NY 14221 Project Manager: Eric D. Popken Phone #: 800-287-7857 PM Email: NERegion@gesonline.com 866-902-2187 fax		Project Name: NYSDEC/Dunkirk/WillowbrookAve Project Address: Willowbrook Avenue, Dunkirk, NY Project PSID #: 784170		NYSDEC Region 9 NYSDEC Project Manager: Maurice Moore Phone No.: 716-851-7220 Invoice Instructions NYSDEC Site No.: 907022 Lab Project Manager: Oriette Johnson 784170				



480-154653 Chain of Custody

Sampler(s) Name:		Pete Zaffram				Pat Colern				number of preserved bottles										480-154653 Chain of Custody				
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Depth Interval (ft)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	Dl Water	MeOH	ENCORE	Amber	VOCs	SVOCs	Pestic	Metal	PCBs	CrVI	1,4-Di	MS/N	
	RFI-26	NA	6-6-19	1240	PUPZ	GW	10									X	X	X	X	X	X			
	RFI-31	NA	6-6-19	1640		GW										X	X	X	X	X	X			
	RFI-34	NA	6-6-19	1245		GW										X	X	X	X	X	X			
	RFI-35	NA	6-6-19	1120		GW										X	X	X	X	X	X			
	RFI-36	NA	6-6-19	1115		GW										X	X	X	X	X	X			
	TW-6	NA	6-7-19	0945		GW										X	X	X	X	X	X			
	TW-7	NA	6-7-19	0930		GW										X	X	X	X	X	X			
	TW-8	NA	6-7-19	0830		GW										X	X	X	X	X	X			
	TW-12	NA	6-7-19	1125		GW										X	X	X	X	X	X			
	TW-14	NA	6-7-19	0835		GW										X	X	X	X	X	X			
	TW-15	NA	6-7-19	1120		GW										X	X	X	X	X	X			
	HW-7	NA	6-6-19	1445		GW	30									X	X	X	X	X	X			
	RFI-05A	NA	6-6-19	1423		GW	10									X	X	X	X	X	X		X	

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Turnaround Time (Business Days)	Approved By (Lab PM) / Date
☒ Standard 1-4 Days	Lab: TestAmerica Laboratories, Inc. - Buffalo
☐ 1 day RUSH	Address: 10 Hazelwood Dr, Amherst, NY 14228
☐ Other	Phone: 716-691-2600
	Lab PM: Oriette Johnson
	Lab PM Email: oriette.johnson@testamericainc.com

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC/Dunkirk/WillowbrookAve_LabReport# 26699, EQEDD.zip

Relinquished By Sampler:	Date / Time:
1. <i>[Signature]</i>	1. 6-7-19 1740
Relinquished By:	Date / Time:
2. <i>[Signature]</i>	2. 6-6-19 0500
Relinquished By:	Date / Time:
3. <i>[Signature]</i>	3. 6-6-19 0500

Sample Custody must be documented below each time samples change possession, including courier.	
Relinquished By:	Date / Time:
1. <i>[Signature]</i>	1. 6-7-19 1740
Relinquished By:	Date / Time:
2. <i>[Signature]</i>	2. 6-6-19 0500
Relinquished By:	Date / Time:
3. <i>[Signature]</i>	3. 6-6-19 0500
Custody Seal Number:	Intact ☐ Not Intact ☐
Preserved where applicable	On Ice ☐ Cooler Temp ☐

Handwritten notes: 3.3, 1.8, 3.5, 1.9, 2.0, 2.7, 3.1, 2.10, 2.4

CHAIN OF CUSTODY

**Client: New York State Dept. of
Environmental Conservation**

PAGE 2 OF 2

Bottle Order Control #

[illegible]

Data Deliverable Information

Commercial 'A' (Level 1) = Results Only	
Commercial 'B' (Level 2) = Results + QC Summary	
FULLTI (Level 3 & 4)	
NI Reduced = Results + QC Summary + Partial Raw Data	
Commercial 'C'	
NI Data of Known Quality Protocol Reporting	
NYASP Category A	
✓ NYASP Category B	
State Forms	
EQEDD for GES EQUIS	
✓ NYDEC EDD for NYSDDEC EQUIS	

Laboratory Information

TestAmerica Laboratories, Inc. - Buffalo
10 Hazelwood Dr, Amherst, NY 14228
716-691-2600
Orlette Johnson
Lab PM Email: orlette.johnson@testamericainc.com

Please Email the EQ EDD Package to gcs@equisonline.com

EQEDD Name: NYSDEC/Dunkirk/WillowbrookAve LabReport#.26699.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.		
Relinquished By: Sample #	Date / Time:	Received By:
1. <i>[Signature]</i>	16-7-19 1740	1. <i>[Signature]</i>
Relinquished By:	Date / Time:	Received By:
2.	2	2
Relinquished By:	Date / Time:	Received By:
3	3	3
Custody Seal Number:	☐ Intact ☐ Not Intact	☐ Preserved where applicable ☐ On Ice ☐ Cooler Temp

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-154653-1

Login Number: 154653

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

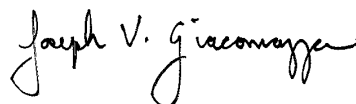
Laboratory Job ID: 480-154669-1

Client Project/Site: Altech Specialty Steel #907022

For:

New York State D.E.C.
270 Michigan Avenue
Buffalo, New York 14203

Attn: Mr. Maurice Moore



Authorized for release by:
6/28/2019 9:13:14 AM

Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

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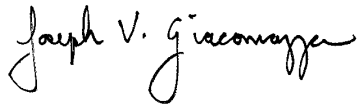
www.testamericainc.com

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.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
6/28/2019 9:13:14 AM

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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Qualifiers

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Job ID: 480-154669-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-154669-1

Comments

No additional comments.

Receipt

The samples were received on 6/7/2019 5:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.7° C.

LCMS

Method(s) 537 (modified): The laboratory control sample (LCS) for preparation batch 200-144015 and analytical batch 200-144296 recovered outside control limits for the following analytes: Perfluorobutanesulfonic acid (PFBS). These analytes were biased high in the LCS, but not the LCSD and the RPD was within criteria; therefore, the data have been reported.

Method(s) 537 (modified): The matrix spike (MS) recoveries of Perfluorobutanesulfonic acid (PFBS) and 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2) preparation batch 200-144015 and analytical batch 200-144296 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

Method(s) 537 (modified): The matrix spike duplicate (MSD) recoveries of Perfluoroheptanoic acid (PFHpA) and Perfluoroheptanesulfonic Acid (PFHpS) preparation batch 200-144015 and analytical batch 200-144296 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

Method(s) 537 (modified): The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 200-144015 and analytical batch 200-144296 was outside control limits for Perfluorobutanesulfonic acid (PFBS), Perfluoroheptanoic acid (PFHpA), N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA), 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2) and 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2). Sample matrix interference is suspected.

Method(s) 537 (modified): Results for samples MW-7 (480-154669-1), MW-7 (480-154669-1[MS]), MW-7 (480-154669-1[MSD]) and DUP-060619-1 (480-154669-2) were reported from the analysis of a diluted extract due to high concentration of target and/or non-target analytes in the analysis of the undiluted extract. The dilution factor was applied to the labeled internal standard area counts and these area counts were within acceptance limits

Method(s) 537 (modified): The following samples were diluted due to the abundance of non-target analytes: MW-7 (480-154669-1), MW-7 (480-154669-1[MS]), MW-7 (480-154669-1[MSD]) and DUP-060619-1 (480-154669-2). A more concentrated analysis was not possible.

Method(s) 537 (modified): 13C3 PFBS Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit: MW-7 (480-154669-1[MS]). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample(s). All detection limits are below the lower calibration.

Method(s) 537 (modified): 13C2 PFHxA and d3-NMeFOSAA Isotope Dilution Analyte (IDA) recoveries associated with the following sample are below the method recommended limit: MW-7 (480-154669-1). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample(s). All detection limits are below the lower calibration.

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

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Client Sample ID: MW-7

Lab Sample ID: 480-154669-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	5.7	J F2 F1 *	8.3	2.0	ng/L	5		537 (modified)	Total/NA

Client Sample ID: DUP-060619-1

Lab Sample ID: 480-154669-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	15	*	7.9	1.9	ng/L	5		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Client Sample ID: MW-7

Lab Sample ID: 480-154669-1

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		8.3	4.1	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluoropentanoic acid (PFPeA)	ND		8.3	2.6	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluorohexanoic acid (PFHxA)	ND		8.3	3.2	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluoroheptanoic acid (PFHpA)	ND	F2	8.3	3.8	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluorooctanoic acid (PFOA)	ND		8.3	2.6	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluorononanoic acid (PFNA)	ND		8.3	1.1	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluorodecanoic acid (PFDA)	ND		8.3	3.2	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluoroundecanoic acid (PFUnA)	ND		8.3	2.2	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluorododecanoic acid (PFDoA)	ND		8.3	2.4	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluorotridecanoic acid (PFTriA)	ND		8.3	2.5	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluorotetradecanoic acid (PFTeA)	ND		8.3	3.8	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluorobutanesulfonic acid (PFBS)	5.7	J F2 F1 *	8.3	2.0	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluorohexanesulfonic acid (PFHxS)	ND		8.3	3.3	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluoroheptanesulfonic Acid (PFHpS)	ND	F1	8.3	3.9	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluorooctanesulfonic acid (PFOS)	ND		8.3	2.5	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluorodecanesulfonic acid (PFDS)	ND		8.3	3.7	ng/L		06/12/19 13:02	06/21/19 02:07	5
Perfluorooctanesulfonamide (PFOSA)	ND		8.3	2.7	ng/L		06/12/19 13:02	06/21/19 02:07	5
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		83	7.0	ng/L		06/12/19 13:02	06/21/19 02:07	5
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	F2	83	6.2	ng/L		06/12/19 13:02	06/21/19 02:07	5
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND	F2 F1	83	19	ng/L		06/12/19 13:02	06/21/19 02:07	5
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND	F2	83	12	ng/L		06/12/19 13:02	06/21/19 02:07	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	56		50 - 150				06/12/19 13:02	06/21/19 02:07	5
13C4 PFHpA	74		50 - 150				06/12/19 13:02	06/21/19 02:07	5
13C4 PFOA	87		50 - 150				06/12/19 13:02	06/21/19 02:07	5
13C4 PFOS	76		50 - 150				06/12/19 13:02	06/21/19 02:07	5
13C5 PFNA	78		50 - 150				06/12/19 13:02	06/21/19 02:07	5
13C4 PFBA	51		25 - 150				06/12/19 13:02	06/21/19 02:07	5
13C2 PFHxA	41	*	50 - 150				06/12/19 13:02	06/21/19 02:07	5
13C2 PFDA	79		50 - 150				06/12/19 13:02	06/21/19 02:07	5
13C2 PFUnA	82		50 - 150				06/12/19 13:02	06/21/19 02:07	5
13C2 PFDoA	70		50 - 150				06/12/19 13:02	06/21/19 02:07	5
13C8 FOSA	65		25 - 150				06/12/19 13:02	06/21/19 02:07	5
13C5 PFPeA	59		25 - 150				06/12/19 13:02	06/21/19 02:07	5
13C2 PFTeDA	68		50 - 150				06/12/19 13:02	06/21/19 02:07	5
d3-NMeFOSAA	45	*	50 - 150				06/12/19 13:02	06/21/19 02:07	5
d5-NEtFOSAA	68		50 - 150				06/12/19 13:02	06/21/19 02:07	5
M2-6:2 FTS	137		25 - 150				06/12/19 13:02	06/21/19 02:07	5
M2-8:2 FTS	87		25 - 150				06/12/19 13:02	06/21/19 02:07	5
13C3 PFBS	82		50 - 150				06/12/19 13:02	06/21/19 02:07	5

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Client Sample ID: DUP-060619-1

Lab Sample ID: 480-154669-2

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		7.9	3.9	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluoropentanoic acid (PFPeA)	ND		7.9	2.5	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluorohexanoic acid (PFHxA)	ND		7.9	3.0	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluoroheptanoic acid (PFHpA)	ND		7.9	3.6	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluorooctanoic acid (PFOA)	ND		7.9	2.5	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluorononanoic acid (PFNA)	ND		7.9	1.1	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluorodecanoic acid (PFDA)	ND		7.9	3.0	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluoroundecanoic acid (PFUnA)	ND		7.9	2.1	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluorododecanoic acid (PFDoA)	ND		7.9	2.3	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluorotridecanoic acid (PFTriA)	ND		7.9	2.4	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluorotetradecanoic acid (PFTeA)	ND		7.9	3.6	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluorobutanesulfonic acid (PFBS)	15	*	7.9	1.9	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluorohexanesulfonic acid (PFHxS)	ND		7.9	3.1	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluoroheptanesulfonic Acid (PFHpS)	ND		7.9	3.7	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluorooctanesulfonic acid (PFOS)	ND		7.9	2.4	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluorodecanesulfonic acid (PFDS)	ND		7.9	3.5	ng/L		06/12/19 13:02	06/21/19 02:55	5
Perfluorooctanesulfonamide (PFOSA)	ND		7.9	2.5	ng/L		06/12/19 13:02	06/21/19 02:55	5
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		79	6.7	ng/L		06/12/19 13:02	06/21/19 02:55	5
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		79	5.9	ng/L		06/12/19 13:02	06/21/19 02:55	5
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		79	18	ng/L		06/12/19 13:02	06/21/19 02:55	5
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		79	11	ng/L		06/12/19 13:02	06/21/19 02:55	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	70		50 - 150				06/12/19 13:02	06/21/19 02:55	5
13C4 PFHpA	68		50 - 150				06/12/19 13:02	06/21/19 02:55	5
13C4 PFOA	85		50 - 150				06/12/19 13:02	06/21/19 02:55	5
13C4 PFOS	60		50 - 150				06/12/19 13:02	06/21/19 02:55	5
13C5 PFNA	79		50 - 150				06/12/19 13:02	06/21/19 02:55	5
13C4 PFBA	47		25 - 150				06/12/19 13:02	06/21/19 02:55	5
13C2 PFHxA	53		50 - 150				06/12/19 13:02	06/21/19 02:55	5
13C2 PFDA	81		50 - 150				06/12/19 13:02	06/21/19 02:55	5
13C2 PFUnA	80		50 - 150				06/12/19 13:02	06/21/19 02:55	5
13C2 PFDoA	73		50 - 150				06/12/19 13:02	06/21/19 02:55	5
13C8 FOSA	71		25 - 150				06/12/19 13:02	06/21/19 02:55	5
13C5 PFPeA	65		25 - 150				06/12/19 13:02	06/21/19 02:55	5
13C2 PFTeDA	73		50 - 150				06/12/19 13:02	06/21/19 02:55	5
d3-NMeFOSAA	65		50 - 150				06/12/19 13:02	06/21/19 02:55	5
d5-NEtFOSAA	71		50 - 150				06/12/19 13:02	06/21/19 02:55	5
M2-6:2 FTS	146		25 - 150				06/12/19 13:02	06/21/19 02:55	5
M2-8:2 FTS	67		25 - 150				06/12/19 13:02	06/21/19 02:55	5
13C3 PFBS	54		50 - 150				06/12/19 13:02	06/21/19 02:55	5

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-144015/1-A

Matrix: Water

Analysis Batch: 144296

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 144015

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.0	1.0	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.63	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.76	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.91	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.63	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.77	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.53	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.59	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	0.60	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.92	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.49	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.80	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.95	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.61	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.90	ng/L		06/12/19 13:02	06/20/19 21:21	1
Perfluorooctanesulfonamide (PFOSA)	ND		2.0	0.64	ng/L		06/12/19 13:02	06/20/19 21:21	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		20	1.7	ng/L		06/12/19 13:02	06/20/19 21:21	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		20	1.5	ng/L		06/12/19 13:02	06/20/19 21:21	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		20	4.6	ng/L		06/12/19 13:02	06/20/19 21:21	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		20	2.9	ng/L		06/12/19 13:02	06/20/19 21:21	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	106		50 - 150	06/12/19 13:02	06/20/19 21:21	1
13C4 PFHpA	98		50 - 150	06/12/19 13:02	06/20/19 21:21	1
13C4 PFOA	98		50 - 150	06/12/19 13:02	06/20/19 21:21	1
13C4 PFOS	93		50 - 150	06/12/19 13:02	06/20/19 21:21	1
13C5 PFNA	95		50 - 150	06/12/19 13:02	06/20/19 21:21	1
13C4 PFBA	65		25 - 150	06/12/19 13:02	06/20/19 21:21	1
13C2 PFHxA	99		50 - 150	06/12/19 13:02	06/20/19 21:21	1
13C2 PFDA	104		50 - 150	06/12/19 13:02	06/20/19 21:21	1
13C2 PFUnA	101		50 - 150	06/12/19 13:02	06/20/19 21:21	1
13C2 PFDoA	91		50 - 150	06/12/19 13:02	06/20/19 21:21	1
13C8 FOSA	64		25 - 150	06/12/19 13:02	06/20/19 21:21	1
13C5 PFPeA	80		25 - 150	06/12/19 13:02	06/20/19 21:21	1
13C2 PFTeDA	87		50 - 150	06/12/19 13:02	06/20/19 21:21	1
d3-NMeFOSAA	82		50 - 150	06/12/19 13:02	06/20/19 21:21	1
d5-NEtFOSAA	92		50 - 150	06/12/19 13:02	06/20/19 21:21	1
M2-6:2 FTS	116		25 - 150	06/12/19 13:02	06/20/19 21:21	1
M2-8:2 FTS	123		25 - 150	06/12/19 13:02	06/20/19 21:21	1
13C3 PFBS	112		50 - 150	06/12/19 13:02	06/20/19 21:21	1

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QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-144015/2-A

Matrix: Water

Analysis Batch: 144296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 144015

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	43.3		ng/L		108	50 - 150
Perfluoropentanoic acid (PFPeA)	40.0	46.0		ng/L		115	50 - 150
Perfluorohexanoic acid (PFHxA)	40.0	42.4		ng/L		106	70 - 130
Perfluoroheptanoic acid (PFHpA)	40.0	42.8		ng/L		107	70 - 130
Perfluorooctanoic acid (PFOA)	40.0	43.2		ng/L		108	70 - 130
Perfluorononanoic acid (PFNA)	40.0	41.5		ng/L		104	70 - 130
Perfluorodecanoic acid (PFDA)	40.0	44.3		ng/L		111	70 - 130
Perfluoroundecanoic acid (PFUnA)	40.0	38.5		ng/L		96	70 - 130
Perfluorododecanoic acid (PFDoA)	40.0	40.8		ng/L		102	70 - 130
Perfluorotridecanoic acid (PFTriA)	40.0	40.8		ng/L		102	70 - 130
Perfluorotetradecanoic acid (PFTeA)	40.0	41.2		ng/L		103	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.4	49.6 *		ng/L		140	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	36.4	40.3		ng/L		111	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	43.4		ng/L		114	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.1	40.9		ng/L		110	70 - 130
Perfluorodecanesulfonic acid (PFDS)	38.6	40.9		ng/L		106	50 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	43.9		ng/L		110	50 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	41.8		ng/L		104	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	41.6		ng/L		104	70 - 130
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	37.9	47.0		ng/L		124	50 - 150
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	38.3	43.0		ng/L		112	50 - 150

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
18O2 PFHxS	94		50 - 150
13C4 PFHpA	92		50 - 150
13C4 PFOA	92		50 - 150
13C4 PFOS	83		50 - 150
13C5 PFNA	88		50 - 150
13C4 PFBA	67		25 - 150
13C2 PFHxA	88		50 - 150
13C2 PFDA	95		50 - 150
13C2 PFUnA	104		50 - 150
13C2 PFDoA	88		50 - 150
13C8 FOSA	70		25 - 150
13C5 PFPeA	87		25 - 150
13C2 PFTeA	83		50 - 150
d3-NMeFOSAA	76		50 - 150
d5-NEtFOSAA	85		50 - 150

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-144015/2-A

Matrix: Water

Analysis Batch: 144296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 144015

Isotope Dilution	LCS		Limits
	%Recovery	Qualifier	
M2-6:2 FTS	119		25 - 150
M2-8:2 FTS	120		25 - 150
13C3 PFBS	82		50 - 150

Lab Sample ID: 480-154669-1 MS

Matrix: Water

Analysis Batch: 144296

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 144015

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Perfluorobutanoic acid (PFBA)	ND		34.7	52.0		ng/L		150	40 - 160		
Perfluoropentanoic acid (PFPeA)	ND		34.7	55.6		ng/L		160	40 - 160		
Perfluorohexanoic acid (PFHxA)	ND		34.7	29.8		ng/L		86	40 - 160		
Perfluoroheptanoic acid (PFHpA)	ND	F2	34.7	36.4		ng/L		105	40 - 160		
Perfluorooctanoic acid (PFOA)	ND		34.7	36.2		ng/L		104	40 - 160		
Perfluorononanoic acid (PFNA)	ND		34.7	40.1		ng/L		115	40 - 160		
Perfluorodecanoic acid (PFDA)	ND		34.7	33.8		ng/L		97	40 - 160		
Perfluoroundecanoic acid (PFUnA)	ND		34.7	42.2		ng/L		121	40 - 160		
Perfluorododecanoic acid (PFDoA)	ND		34.7	38.6		ng/L		111	40 - 160		
Perfluorotridecanoic acid (PFTriA)	ND		34.7	39.9		ng/L		115	40 - 160		
Perfluorotetradecanoic acid (PFTeA)	ND		34.7	39.7		ng/L		114	40 - 160		
Perfluorobutanesulfonic acid (PFBS)	5.7	J F2 F1 *	30.7	123	F1	ng/L		381	40 - 160		
Perfluorohexanesulfonic acid (PFHxS)	ND		31.6	27.4		ng/L		87	40 - 160		
Perfluoroheptanesulfonic Acid (PFHpS)	ND	F1	33.1	51.4		ng/L		155	40 - 160		
Perfluorooctanesulfonic acid (PFOS)	ND		32.2	36.1		ng/L		112	40 - 160		
Perfluorodecanesulfonic acid (PFDS)	ND		33.5	36.6		ng/L		109	40 - 160		
Perfluorooctanesulfonamide (PFOSA)	ND		34.7	33.6		ng/L		97	40 - 160		
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		34.7	37.5	J	ng/L		108	40 - 160		
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	F2	34.7	45.4	J	ng/L		131	40 - 160		
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND	F2 F1	32.9	71.3	J F1	ng/L		217	40 - 160		
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND	F2	33.3	21.4	J	ng/L		64	40 - 160		
	MS	MS									
Isotope Dilution	%Recovery	Qualifier	Limits								
18O2 PFHxS	115		50 - 150								
13C4 PFHpA	91		50 - 150								
13C4 PFOA	100		50 - 150								
13C4 PFOS	79		50 - 150								
13C5 PFNA	88		50 - 150								
13C4 PFBA	55		25 - 150								

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-154669-1 MS

Matrix: Water

Analysis Batch: 144296

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 144015

Isotope Dilution	MS MS		Limits
	%Recovery	Qualifier	
13C2 PFHxA	77		50 - 150
13C2 PFDA	92		50 - 150
13C2 PFUnA	85		50 - 150
13C2 PFDaA	79		50 - 150
13C8 FOSA	71		25 - 150
13C5 PFPeA	61		25 - 150
13C2 PFTeDA	77		50 - 150
d3-NMeFOSAA	79		50 - 150
d5-NEtFOSAA	76		50 - 150
M2-6:2 FTS	80		25 - 150
M2-8:2 FTS	125		25 - 150
13C3 PFBS	31	*	50 - 150

Lab Sample ID: 480-154669-1 MSD

Matrix: Water

Analysis Batch: 144296

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 144015

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec.		RPD	
				Result	Qualifier				Limits		RPD	Limit
Perfluorobutanoic acid (PFBA)	ND		34.5	39.6		ng/L		115	40 - 160		27	30
Perfluoropentanoic acid (PFPeA)	ND		34.5	44.8		ng/L		130	40 - 160		21	30
Perfluorohexanoic acid (PFHxA)	ND		34.5	36.1		ng/L		105	40 - 160		19	20
Perfluoroheptanoic acid (PFHpA)	ND	F2	34.5	49.3	F2	ng/L		143	40 - 160		30	20
Perfluorooctanoic acid (PFOA)	ND		34.5	39.6		ng/L		115	40 - 160		9	20
Perfluorononanoic acid (PFNA)	ND		34.5	38.9		ng/L		113	40 - 160		3	20
Perfluorodecanoic acid (PFDA)	ND		34.5	36.9		ng/L		107	40 - 160		9	20
Perfluoroundecanoic acid (PFUnA)	ND		34.5	38.6		ng/L		112	40 - 160		9	20
Perfluorododecanoic acid (PFDaA)	ND		34.5	36.3		ng/L		105	40 - 160		6	20
Perfluorotridecanoic acid (PFTriA)	ND		34.5	37.9		ng/L		110	40 - 160		5	20
Perfluorotetradecanoic acid (PFTeA)	ND		34.5	38.1		ng/L		110	40 - 160		4	20
Perfluorobutanesulfonic acid (PFBS)	5.7	J F2 F1 *	30.5	35.4	F2	ng/L		97	40 - 160		110	20
Perfluorohexanesulfonic acid (PFHxS)	ND		31.4	29.0		ng/L		92	40 - 160		6	20
Perfluoroheptanesulfonic Acid (PFHpS)	ND	F1	32.8	62.8	F1	ng/L		191	40 - 160		20	30
Perfluorooctanesulfonic acid (PFOS)	ND		32.0	43.1		ng/L		135	40 - 160		18	20
Perfluorodecanesulfonic acid (PFDS)	ND		33.3	42.1		ng/L		127	40 - 160		14	30
Perfluorooctanesulfonamide (PFOSA)	ND		34.5	43.6		ng/L		126	40 - 160		26	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		34.5	32.9	J	ng/L		95	40 - 160		13	20
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	F2	34.5	35.5	J F2	ng/L		103	40 - 160		24	20
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND	F2 F1	32.7	43.4	J F2	ng/L		133	40 - 160		49	30

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QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-154669-1 MSD

Matrix: Water

Analysis Batch: 144296

Client Sample ID: MW-7

Prep Type: Total/NA

Prep Batch: 144015

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND	F2	33.0	44.0	J F2	ng/L		133	40 - 160	69	30
Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits								
18O2 PFHxS	128		50 - 150								
13C4 PFHpA	68		50 - 150								
13C4 PFOA	106		50 - 150								
13C4 PFOS	71		50 - 150								
13C5 PFNA	95		50 - 150								
13C4 PFBA	74		25 - 150								
13C2 PFHxA	79		50 - 150								
13C2 PFDA	104		50 - 150								
13C2 PFUnA	98		50 - 150								
13C2 PFDoA	94		50 - 150								
13C8 FOSA	72		25 - 150								
13C5 PFPeA	83		25 - 150								
13C2 PFTeDA	91		50 - 150								
d3-NMeFOSAA	77		50 - 150								
d5-NEtFOSAA	99		50 - 150								
M2-6:2 FTS	131		25 - 150								
M2-8:2 FTS	134		25 - 150								
13C3 PFBS	107		50 - 150								

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

LCMS

Prep Batch: 144015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154669-1	MW-7	Total/NA	Water	3535	
480-154669-2	DUP-060619-1	Total/NA	Water	3535	
MB 200-144015/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-144015/2-A	Lab Control Sample	Total/NA	Water	3535	
480-154669-1 MS	MW-7	Total/NA	Water	3535	
480-154669-1 MSD	MW-7	Total/NA	Water	3535	

Analysis Batch: 144296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154669-1	MW-7	Total/NA	Water	537 (modified)	144015
480-154669-2	DUP-060619-1	Total/NA	Water	537 (modified)	144015
MB 200-144015/1-A	Method Blank	Total/NA	Water	537 (modified)	144015
LCS 200-144015/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	144015
480-154669-1 MS	MW-7	Total/NA	Water	537 (modified)	144015
480-154669-1 MSD	MW-7	Total/NA	Water	537 (modified)	144015

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Client Sample ID: MW-7

Lab Sample ID: 480-154669-1

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			144015	06/12/19 13:02	TPB	TAL BUR
Total/NA	Analysis	537 (modified)		5	144296	06/21/19 02:07	BWC	TAL BUR

Client Sample ID: DUP-060619-1

Lab Sample ID: 480-154669-2

Date Collected: 06/06/19 14:45

Matrix: Water

Date Received: 06/07/19 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			144015	06/12/19 13:02	TPB	TAL BUR
Total/NA	Analysis	537 (modified)		5	144296	06/21/19 02:55	BWC	TAL BUR

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

Laboratory: Eurofins TestAmerica, Burlington

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
ANAB	DoD		L2336	02-25-20
Connecticut	State Program	1	PH-0751	09-30-19
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-01-20
Florida	NELAP	4	E87467	06-30-19 *
Minnesota	NELAP	5	050-999-436	12-31-19
New Hampshire	NELAP	1	2006	12-18-19
New Jersey	NELAP	2	VT972	06-30-19 *
New York	NELAP	2	10391	04-01-20
Pennsylvania	NELAP	3	68-00489	04-30-20
Rhode Island	State Program	1	LAO00298	12-30-19
US Fish & Wildlife	Federal		LE-058448-0	07-31-19
USDA	Federal		P330-11-00093	07-24-20
Vermont	State Program	1	VT-4000	12-31-19
Virginia	NELAP	3	460209	12-14-19

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

Eurofins TestAmerica, Buffalo

Method Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL BUR
3535	Solid-Phase Extraction (SPE)	SW846	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-154669-1	MW-7	Water	06/06/19 14:45	06/07/19 17:40	
480-154669-2	DUP-060619-1	Water	06/06/19 14:45	06/07/19 17:40	

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Chain of Custody Record



Environment Testing
TestAmerica

Client Information (Sub Contract Lab)				Sampler: Lab PM: Johnson, Oriette S Phone: E-Mail: oriette.johnson@testamericainc.com Address: 30 Community Drive, Suite 11, South Burlington, VT, 05403 Phone: 802-660-1990 (Tel) 802-660-1919 (Fax) Email:		Chain of Custody: 480-154669 Page: 1 of 1 Job #: 480-154669-1	
Company: TestAmerica Laboratories, Inc. Address: 30 Community Drive, Suite 11, South Burlington, VT, 05403 Phone: 802-660-1990 (Tel) 802-660-1919 (Fax) Email:				Accreditations Required (See note): NELAP - New York 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 Other:		Chain of Custody: 480-154669 Page: 1 of 1 Job #: 480-154669-1	
Due Date Requested: 6/19/2019 TAT Requested (days):				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 Other:	
Project #: 48020089 SSOW#:				Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, AS=Air)		Field Filtered Sample (Yes or No) PFC, IDA/333, VWT PFAS, Standard List (21) Pesticide MS/MSD (MS/MS No)	
Sample Identification - Client ID (Lab ID)				Preservation Code		Total Number of Containers	
MW-7 (480-154669-1)				6/6/19 14:45 Eastern Water		2	
MW-7 (480-154669-1MS)				6/6/19 14:45 Eastern MS Water		2	
MW-7 (480-154669-1MSD)				6/6/19 14:45 Eastern MSD Water		2	
DUP-060619-1 (480-154669-2)				6/6/19 14:45 Eastern Water		2	
Special Instructions/Note:				Special Instructions/Note:		Special Instructions/Note:	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon our 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/test/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 Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months			
Empty Kit Relinquished by:				Method of Shipment:			
Relinquished by: <i>[Signature]</i> Date: 6-10-19 1530 Company: <i>[Signature]</i>				Relinquished by: <i>[Signature]</i> Date: 6/11/19 10:43 Company: <i>[Signature]</i>			
Relinquished by:				Relinquished by:			
Relinquished by:				Relinquished by:			
Custody Seals Intact: <i>[Signature]</i> Yes ☒ No ☐				Cooler Temperature(s) °C and Other Remarks: 1.0 0.7			

ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

AMHERST, NY 14228
UNITED STATES US

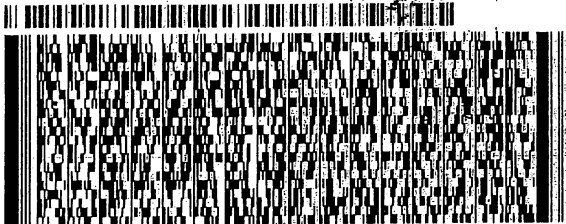
SHIP DATE: 10JUN19
ACTWGT: 26.25 LB
CAD: 846654/CAFE3211
DIMS: 19x15x10 IN

BILL RECIPIENT

TO **SAMPLE MGT.**
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 660-1980
DEPT: SAMPLE CONTROL

REF: BURLINGTON



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Express



1 of 2

TRK# 4276 0719 9522

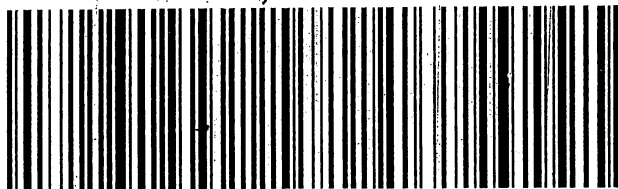
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MASTER

XH BTVA

05403

VT-US BTV

TUE - 11 JUN 10:30A
PRIORITY OVERNIGHT



ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

AMHERST, NY 14228
UNITED STATES US

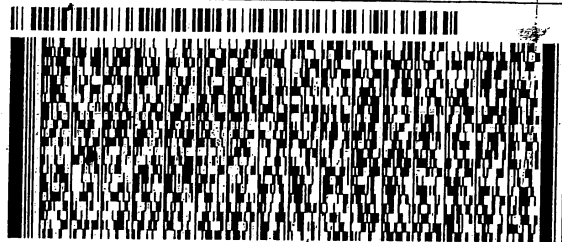
SHIP DATE: 10JUN19
ACTWGT: 20.05 LB
CAD: 846654/CAFE3211
DIMS: 19x15x10 IN

BILL RECIPIENT

TO **SAMPLE MGT.**
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 660-1980
DEPT: SAMPLE CONTROL

REF: BURLINGTON



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2 of 2

MPS# 4276 0719 9533

0263
Mstr# 4276 0719 9522

0201

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VT-US BTV

TUE - 11 JUN 10:30A
PRIORITY OVERNIGHT



Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-154669-1

Login Number: 154669

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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	
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-154669-1

Login Number: 154669

List Number: 2

Creator: McNabb, Robert W

List Source: Eurofins TestAmerica, Burlington

List Creation: 06/11/19 01:38 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Seal present with no number.
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	1.0°C, 0.5°C
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?	N/A	Received project as a subcontract.
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.	N/A	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154669-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFHxS (50-150)	PFHpA (50-150)	PFOA (50-150)	PFOS (50-150)	PFNA (50-150)	PFBA (25-150)	PFHxA (50-150)	PFDA (50-150)
480-154669-1	MW-7	56	74	87	76	78	51	41 *	79
480-154669-1 MS	MW-7	115	91	100	79	88	55	77	92
480-154669-1 MSD	MW-7	128	68	106	71	95	74	79	104
480-154669-2	DUP-060619-1	70	68	85	60	79	47	53	81
LCS 200-144015/2-A	Lab Control Sample	94	92	92	83	88	67	88	95
MB 200-144015/1-A	Method Blank	106	98	98	93	95	65	99	104

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFUnA (50-150)	PFDaA (50-150)	PFOSA (25-150)	PFPeA (25-150)	PFTDA (50-150)	i-NMeFOSA (50-150)	5-NEtFOSA (50-150)	M262FTS (25-150)
480-154669-1	MW-7	82	70	65	59	68	45 *	68	137
480-154669-1 MS	MW-7	85	79	71	61	77	79	76	80
480-154669-1 MSD	MW-7	98	94	72	83	91	77	99	131
480-154669-2	DUP-060619-1	80	73	71	65	73	65	71	146
LCS 200-144015/2-A	Lab Control Sample	104	88	70	87	83	76	85	119
MB 200-144015/1-A	Method Blank	101	91	64	80	87	82	92	116

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M282FTS (25-150)	13C3-PFBS (50-150)						
480-154669-1	MW-7	87	82						
480-154669-1 MS	MW-7	125	31 *						
480-154669-1 MSD	MW-7	134	107						
480-154669-2	DUP-060619-1	67	54						
LCS 200-144015/2-A	Lab Control Sample	120	82						
MB 200-144015/1-A	Method Blank	123	112						

Surrogate Legend

PFHxS = 18O2 PFHxS
PFHpA = 13C4 PFHpA
PFOA = 13C4 PFOA
PFOS = 13C4 PFOS
PFNA = 13C5 PFNA
PFBA = 13C4 PFBA
PFHxA = 13C2 PFHxA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDaA = 13C2 PFDaA
PFOSA = 13C8 FOSA
PFPeA = 13C5 PFPeA
PFTDA = 13C2 PFTeDA
d3-NMeFOSAA = d3-NMeFOSAA
d5-NEtFOSAA = d5-NEtFOSAA
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
13C3-PFBS = 13C3 PFBS

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

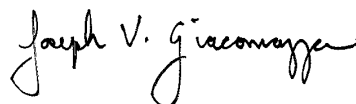
Laboratory Job ID: 480-154729-1

Client Project/Site: Altech Specialty Steel #907022

For:

New York State D.E.C.
270 Michigan Avenue
Buffalo, New York 14203

Attn: Mr. Maurice Moore



Authorized for release by:
7/9/2019 2:48:28 PM

Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

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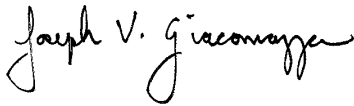
The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail 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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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
7/9/2019 2:48:28 PM

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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.
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
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

Case Narrative

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Job ID: 480-154729-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-154729-1

Comments

Due to laboratory error, the analysis for hexavalent chromium was not logged for sample ID TW-5A (480-154729-1). Per client, the analysis request is cancelled.

Receipt

The samples were received on 6/11/2019 7:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 8 coolers at receipt time were 2.7° C, 2.9° C, 3.0° C, 3.3° C, 3.6° C, 4.0° C, 4.2° C and 4.7° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-477323 recovered outside acceptance criteria, low biased, for Cyclohexane and Methylcyclohexane. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported. The following samples are impacted: TW-5A (480-154729-1), LAE-4 (480-154729-2), RFI-27 (480-154729-5), RFI-18 (480-154729-9) and TRIP BLANK (480-154729-11).

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: LAE-4 (480-154729-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: TW-5A (480-154729-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-477516 recovered outside acceptance criteria, low biased, for 2-Butanone (MEK). A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: MW-6 (480-154729-3) and RFI-08A (480-154729-7).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-477537 recovered outside acceptance criteria, low biased, for 2-Butanone (MEK). A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect above the Reporting Limit (RL) for this analyte, the data have been reported. The following samples are impacted: RFI-29 (480-154729-6), RFI-11 (480-154729-8) and DUP-061019-3 (480-154729-10).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-477537 recovered outside acceptance criteria, low biased, for Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect above the Reporting Limit (RL) for this analyte, the data have been reported. The following samples are impacted: RFI-29 (480-154729-6), RFI-11 (480-154729-8) and DUP-061019-3 (480-154729-10).

Method(s) 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: RFI-11 (480-154729-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-477714 recovered outside acceptance criteria, low biased, for 2-Butanone (MEK) and 2-Hexanone. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported. The following sample was affected : DUP-061019-2 (480-154729-4)

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

GC/MS Semi VOA

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-477685 recovered outside acceptance criteria, low biased, for Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: TW-5A (480-154729-1), LAE-4 (480-154729-2), MW-6 (480-154729-3), DUP-061019-2 (480-154729-4), RFI-27 (480-154729-5), RFI-29 (480-154729-6), RFI-08A (480-154729-7), RFI-11 (480-154729-8), RFI-18 (480-154729-9) and DUP-061019-3 (480-154729-10).

Case Narrative

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Job ID: 480-154729-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

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

GC Semi VOA

Method(s) 608.3: The following samples were diluted due to the nature of the sample matrix: RFI-29 (480-154729-6), RFI-29 (480-154729-6[MSJ]) and RFI-29 (480-154729-6[MSD]). Elevated reporting limits (RLs) are provided.

Method(s) 608.3: All primary data for analytical batch 477635 is reported from the ZB-35 column.

Method(s) 608.3: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method(s) 608.3: The following sample was diluted due to the nature of the sample matrix: RFI-18 (480-154729-9). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method(s) 608.3: The laboratory control sample duplicate (LCSD) for preparation batch 480-477362 and analytical batch 480-477550 recovered outside control limits for the following analytes: Endosulfan sulfate. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: TW-5A (480-154729-1), LAE-4 (480-154729-2), MW-6 (480-154729-3) and RFI-29 (480-154729-6).

Method(s) 608.3: All primary data for analytical batches 477546 and 477550 is reported from the RTX-CLPI column.

Method(s) 608.3: The laboratory control sample duplicate (LCSD) for preparation batch 480-477362 and analytical batch 480-477546 recovered outside control limits for the following analytes: Endosulfan sulfate. This analyte was biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: DUP-061019-2 (480-154729-4), RFI-27 (480-154729-5), RFI-08A (480-154729-7), RFI-11 (480-154729-8) and DUP-061019-3 (480-154729-10).

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

Metals

Method(s) 6010C: The recovery of post spike, (480-154729-I-3-A PDS), associated with batch 480-478452, exhibited a result outside quality control limits for Total Barium. However, the serial dilution (SD) of this sample was compliant, therefore no corrective action was necessary.

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

General Chemistry

Method(s) 7196A: The following sample was received outside of holding time: DUP-061019-2 (480-154729-4).

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

Organic Prep

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

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: TW-5A

Lab Sample ID: 480-154729-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.9	J	2.0	0.88	ug/L	2		8260C	Total/NA
Acenaphthene	0.41	J	5.0	0.41	ug/L	1		8270D	Total/NA
Bis(2-ethylhexyl) phthalate	3.6	J	5.0	2.2	ug/L	1		8270D	Total/NA
Fluorene	0.62	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	0.78	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	2.1	J B	5.0	0.44	ug/L	1		8270D	Total/NA
delta-BHC	0.011	J	0.048	0.0095	ug/L	1		608.3	Total/NA
Aluminum	0.078	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.19		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	57.7		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.010		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0032	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	0.65		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	16.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.6		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0046	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	406		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.018		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: LAE-4

Lab Sample ID: 480-154729-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1100		200	160	ug/L	200		8260C	Total/NA
Methylene Chloride	93	J	200	88	ug/L	200		8260C	Total/NA
Trichloroethene	4700		200	92	ug/L	200		8260C	Total/NA
Fluorene	0.48	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	1.7	J B	5.0	0.44	ug/L	1		8270D	Total/NA
delta-BHC	0.014	J	0.048	0.0095	ug/L	1		608.3	Total/NA
Aluminum	0.098	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	117		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0013	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0065		0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	0.55	B	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	26.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.1		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0064	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	0.68		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	17.3		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0034	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: MW-6

Lab Sample ID: 480-154729-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	0.93	J	1.0	0.18	ug/L	1		8260C	Total/NA
Methylcyclohexane	1.9		1.0	0.16	ug/L	1		8260C	Total/NA
Fluorene	0.59	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.1	J B	5.0	0.44	ug/L	1		8270D	Total/NA
delta-BHC	0.016	J	0.049	0.0097	ug/L	1		608.3	Total/NA
4,4'-DDT	0.011	J	0.049	0.011	ug/L	1		608.3	Total/NA
Barium	1.6		0.0020	0.00070	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: MW-6 (Continued)

Lab Sample ID: 480-154729-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	119		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.12	F1	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	42.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.043		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	139		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: DUP-061019-2

Lab Sample ID: 480-154729-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	1.4		1.0	0.18	ug/L	1		8260C	Total/NA
Methylcyclohexane	3.3		1.0	0.16	ug/L	1		8260C	Total/NA
Di-n-butyl phthalate	0.51	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.53	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	1.9	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.99		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	118		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.87		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	42.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.076		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	122		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-27

Lab Sample ID: 480-154729-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.56	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.59	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	0.80	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	2.0	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.096	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.038		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	150		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0062		0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	0.12		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	39.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.8		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0079	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	35.5		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-29

Lab Sample ID: 480-154729-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.72	J	5.4	0.34	ug/L	1		8270D	Total/NA
Fluorene	0.48	J B	5.4	0.39	ug/L	1		8270D	Total/NA
Phenanthrene	1.8	J B	5.4	0.48	ug/L	1		8270D	Total/NA
Barium	0.14	F1	0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	104		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.73		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	56.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.064		0.0030	0.00040	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-29 (Continued)

Lab Sample ID: 480-154729-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	6.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	35.2	F1	1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-08A

Lab Sample ID: 480-154729-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	1.6		1.0	0.18	ug/L	1		8260C	Total/NA
Methylcyclohexane	3.5		1.0	0.16	ug/L	1		8260C	Total/NA
Fluorene	0.57	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.1	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.49		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	2.9		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	159		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	1.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	55.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.099		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	6.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	227		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-11

Lab Sample ID: 480-154729-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.45	J	5.0	0.41	ug/L	1		8270D	Total/NA
Fluorene	0.70	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Naphthalene	0.84	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	2.5	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.30		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	166		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.00082	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0016	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	8.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	20.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.4		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.018		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	7.6		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-18

Lab Sample ID: 480-154729-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.55	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.1	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.099		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	220		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.41		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	88.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.21		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	5.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	288		1.0	0.32	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: DUP-061019-3

Lab Sample ID: 480-154729-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.62	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.54	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.0	J B	5.0	0.44	ug/L	1		8270D	Total/NA
PCB-1254	0.076	p	0.060	0.031	ug/L	1		608.3	Total/NA
Barium	0.044		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	122		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	1.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	52.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.38		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	6.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	45.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0016	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-154729-11

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: TW-5A

Lab Sample ID: 480-154729-1

Date Collected: 06/10/19 12:55

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			06/12/19 10:43	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			06/12/19 10:43	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			06/12/19 10:43	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			06/12/19 10:43	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			06/12/19 10:43	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			06/12/19 10:43	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			06/12/19 10:43	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			06/12/19 10:43	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			06/12/19 10:43	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			06/12/19 10:43	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			06/12/19 10:43	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			06/12/19 10:43	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			06/12/19 10:43	2
2-Butanone (MEK)	ND		20	2.6	ug/L			06/12/19 10:43	2
2-Hexanone	ND		10	2.5	ug/L			06/12/19 10:43	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			06/12/19 10:43	2
Acetone	ND		20	6.0	ug/L			06/12/19 10:43	2
Benzene	ND		2.0	0.82	ug/L			06/12/19 10:43	2
Bromodichloromethane	ND		2.0	0.78	ug/L			06/12/19 10:43	2
Bromoform	ND		2.0	0.52	ug/L			06/12/19 10:43	2
Bromomethane	ND		2.0	1.4	ug/L			06/12/19 10:43	2
Carbon disulfide	ND		2.0	0.38	ug/L			06/12/19 10:43	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			06/12/19 10:43	2
Chlorobenzene	ND		2.0	1.5	ug/L			06/12/19 10:43	2
Dibromochloromethane	ND		2.0	0.64	ug/L			06/12/19 10:43	2
Chloroethane	ND		2.0	0.64	ug/L			06/12/19 10:43	2
Chloroform	ND		2.0	0.68	ug/L			06/12/19 10:43	2
Chloromethane	ND		2.0	0.70	ug/L			06/12/19 10:43	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			06/12/19 10:43	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			06/12/19 10:43	2
Cyclohexane	ND		2.0	0.36	ug/L			06/12/19 10:43	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			06/12/19 10:43	2
Ethylbenzene	ND		2.0	1.5	ug/L			06/12/19 10:43	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			06/12/19 10:43	2
Isopropylbenzene	ND		2.0	1.6	ug/L			06/12/19 10:43	2
Methyl acetate	ND		5.0	2.6	ug/L			06/12/19 10:43	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			06/12/19 10:43	2
Methylcyclohexane	ND		2.0	0.32	ug/L			06/12/19 10:43	2
Methylene Chloride	1.9	J	2.0	0.88	ug/L			06/12/19 10:43	2
Styrene	ND		2.0	1.5	ug/L			06/12/19 10:43	2
Tetrachloroethene	ND		2.0	0.72	ug/L			06/12/19 10:43	2
Toluene	ND		2.0	1.0	ug/L			06/12/19 10:43	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			06/12/19 10:43	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			06/12/19 10:43	2
Trichloroethene	ND		2.0	0.92	ug/L			06/12/19 10:43	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			06/12/19 10:43	2
Vinyl chloride	ND		2.0	1.8	ug/L			06/12/19 10:43	2
Xylenes, Total	ND		4.0	1.3	ug/L			06/12/19 10:43	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: TW-5A

Lab Sample ID: 480-154729-1

Date Collected: 06/10/19 12:55

Matrix: Water

Date Received: 06/11/19 19:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/12/19 10:43	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120					06/12/19 10:43	2
1,2-Dichloroethane-d4 (Surr)	94		77 - 120					06/12/19 10:43	2
4-Bromofluorobenzene (Surr)	105		73 - 120					06/12/19 10:43	2
Dibromofluoromethane (Surr)	98		75 - 123					06/12/19 10:43	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:58	06/13/19 21:38	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:58	06/13/19 21:38	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 21:38	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:58	06/13/19 21:38	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 21:38	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:58	06/13/19 21:38	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 21:38	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 21:38	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 21:38	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 21:38	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:58	06/13/19 21:38	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 21:38	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:58	06/13/19 21:38	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:58	06/13/19 21:38	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 21:38	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 21:38	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:58	06/13/19 21:38	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 21:38	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 21:38	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 21:38	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 21:38	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 21:38	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:58	06/13/19 21:38	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:58	06/13/19 21:38	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:58	06/13/19 21:38	1
Acenaphthene	0.41	J	5.0	0.41	ug/L		06/12/19 06:58	06/13/19 21:38	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:58	06/13/19 21:38	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 21:38	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:58	06/13/19 21:38	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 21:38	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:58	06/13/19 21:38	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 21:38	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 21:38	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 21:38	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 21:38	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:58	06/13/19 21:38	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 21:38	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 21:38	1
Bis(2-ethylhexyl) phthalate	3.6	J	5.0	2.2	ug/L		06/12/19 06:58	06/13/19 21:38	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:58	06/13/19 21:38	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: TW-5A

Lab Sample ID: 480-154729-1

Date Collected: 06/10/19 12:55

Matrix: Water

Date Received: 06/11/19 19:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 21:38	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:58	06/13/19 21:38	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:58	06/13/19 21:38	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:58	06/13/19 21:38	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:58	06/13/19 21:38	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 21:38	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:58	06/13/19 21:38	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:58	06/13/19 21:38	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 21:38	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 21:38	1
Fluorene	0.62	J B	5.0	0.36	ug/L		06/12/19 06:58	06/13/19 21:38	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 21:38	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:58	06/13/19 21:38	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 21:38	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 21:38	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 21:38	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:58	06/13/19 21:38	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 21:38	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 21:38	1
Naphthalene	0.78	J	5.0	0.76	ug/L		06/12/19 06:58	06/13/19 21:38	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:58	06/13/19 21:38	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 21:38	1
Phenanthrene	2.1	J B	5.0	0.44	ug/L		06/12/19 06:58	06/13/19 21:38	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:58	06/13/19 21:38	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 21:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	79		46 - 120	06/12/19 06:58	06/13/19 21:38	1
Phenol-d5 (Surr)	53		22 - 120	06/12/19 06:58	06/13/19 21:38	1
p-Terphenyl-d14 (Surr)	69		59 - 136	06/12/19 06:58	06/13/19 21:38	1
2,4,6-Tribromophenol (Surr)	85		41 - 120	06/12/19 06:58	06/13/19 21:38	1
2-Fluorobiphenyl	88		48 - 120	06/12/19 06:58	06/13/19 21:38	1
2-Fluorophenol (Surr)	67		35 - 120	06/12/19 06:58	06/13/19 21:38	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0077	ug/L		06/12/19 09:51	06/13/19 14:19	1
alpha-BHC	ND		0.048	0.0073	ug/L		06/12/19 09:51	06/13/19 14:19	1
beta-BHC	ND		0.048	0.024	ug/L		06/12/19 09:51	06/13/19 14:19	1
delta-BHC	0.011	J	0.048	0.0095	ug/L		06/12/19 09:51	06/13/19 14:19	1
gamma-BHC (Lindane)	ND		0.048	0.0076	ug/L		06/12/19 09:51	06/13/19 14:19	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/12/19 09:51	06/13/19 14:19	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/12/19 09:51	06/13/19 14:19	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/12/19 09:51	06/13/19 14:19	1
4,4'-DDT	ND		0.048	0.010	ug/L		06/12/19 09:51	06/13/19 14:19	1
Dieldrin	ND		0.048	0.0093	ug/L		06/12/19 09:51	06/13/19 14:19	1
Endosulfan I	ND		0.048	0.010	ug/L		06/12/19 09:51	06/13/19 14:19	1
Endosulfan II	ND		0.048	0.011	ug/L		06/12/19 09:51	06/13/19 14:19	1
Endosulfan sulfate	ND	*	0.048	0.015	ug/L		06/12/19 09:51	06/13/19 14:19	1
Endrin	ND		0.048	0.013	ug/L		06/12/19 09:51	06/13/19 14:19	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: TW-5A

Lab Sample ID: 480-154729-1

Date Collected: 06/10/19 12:55

Matrix: Water

Date Received: 06/11/19 19:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/12/19 09:51	06/13/19 14:19	1
Heptachlor	ND		0.048	0.0081	ug/L		06/12/19 09:51	06/13/19 14:19	1
Heptachlor epoxide	ND		0.048	0.0070	ug/L		06/12/19 09:51	06/13/19 14:19	1
Toxaphene	ND		0.48	0.11	ug/L		06/12/19 09:51	06/13/19 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		23 - 120	06/12/19 09:51	06/13/19 14:19	1
DCB Decachlorobiphenyl	44		23 - 120	06/12/19 09:51	06/13/19 14:19	1
Tetrachloro-m-xylene	71		44 - 120	06/12/19 09:51	06/13/19 14:19	1
Tetrachloro-m-xylene	74		44 - 120	06/12/19 09:51	06/13/19 14:19	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:10	1
PCB-1221	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:10	1
PCB-1232	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:10	1
PCB-1242	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:10	1
PCB-1248	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:10	1
PCB-1254	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 17:10	1
PCB-1260	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		36 - 121	06/12/19 15:25	06/13/19 17:10	1
DCB Decachlorobiphenyl	47		36 - 121	06/12/19 15:25	06/13/19 17:10	1
Tetrachloro-m-xylene	90		42 - 135	06/12/19 15:25	06/13/19 17:10	1
Tetrachloro-m-xylene	70		42 - 135	06/12/19 15:25	06/13/19 17:10	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.078	J	0.20	0.060	mg/L		06/12/19 09:24	06/18/19 16:45	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 09:24	06/18/19 16:45	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 09:24	06/18/19 16:45	1
Barium	0.19		0.0020	0.00070	mg/L		06/12/19 09:24	06/18/19 16:45	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 09:24	06/18/19 16:45	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 09:24	06/18/19 16:45	1
Calcium	57.7		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 16:45	1
Chromium	0.010		0.0040	0.0010	mg/L		06/12/19 09:24	06/18/19 16:45	1
Cobalt	0.0032	J	0.0040	0.00063	mg/L		06/12/19 09:24	06/18/19 16:45	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 09:24	06/18/19 16:45	1
Iron	0.65		0.050	0.019	mg/L		06/12/19 09:24	06/18/19 16:45	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 09:24	06/18/19 16:45	1
Magnesium	16.6		0.20	0.043	mg/L		06/12/19 09:24	06/18/19 16:45	1
Manganese	1.6		0.0030	0.00040	mg/L		06/12/19 09:24	06/18/19 16:45	1
Nickel	0.0046	J	0.010	0.0013	mg/L		06/12/19 09:24	06/18/19 16:45	1
Potassium	1.6		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 16:45	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 09:24	06/18/19 16:45	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 09:24	06/18/19 16:45	1
Sodium	406		1.0	0.32	mg/L		06/12/19 09:24	06/18/19 16:45	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 09:24	06/18/19 16:45	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 09:24	06/18/19 16:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: TW-5A

Lab Sample ID: 480-154729-1

Date Collected: 06/10/19 12:55

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.018		0.010	0.0015	mg/L		06/12/19 09:24	06/18/19 16:45	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 14:23	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: LAE-4

Lab Sample ID: 480-154729-2

Date Collected: 06/10/19 14:25

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		200	160	ug/L			06/12/19 11:07	200
1,1,2,2-Tetrachloroethane	ND		200	42	ug/L			06/12/19 11:07	200
1,1,2-Trichloroethane	ND		200	46	ug/L			06/12/19 11:07	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		200	62	ug/L			06/12/19 11:07	200
1,1-Dichloroethane	ND		200	76	ug/L			06/12/19 11:07	200
1,1-Dichloroethene	ND		200	58	ug/L			06/12/19 11:07	200
1,2,4-Trichlorobenzene	ND		200	82	ug/L			06/12/19 11:07	200
1,2-Dibromo-3-Chloropropane	ND		200	78	ug/L			06/12/19 11:07	200
1,2-Dichlorobenzene	ND		200	160	ug/L			06/12/19 11:07	200
1,2-Dichloroethane	ND		200	42	ug/L			06/12/19 11:07	200
1,2-Dichloropropane	ND		200	140	ug/L			06/12/19 11:07	200
1,3-Dichlorobenzene	ND		200	160	ug/L			06/12/19 11:07	200
1,4-Dichlorobenzene	ND		200	170	ug/L			06/12/19 11:07	200
2-Butanone (MEK)	ND		2000	260	ug/L			06/12/19 11:07	200
2-Hexanone	ND		1000	250	ug/L			06/12/19 11:07	200
4-Methyl-2-pentanone (MIBK)	ND		1000	420	ug/L			06/12/19 11:07	200
Acetone	ND		2000	600	ug/L			06/12/19 11:07	200
Benzene	ND		200	82	ug/L			06/12/19 11:07	200
Bromodichloromethane	ND		200	78	ug/L			06/12/19 11:07	200
Bromoform	ND		200	52	ug/L			06/12/19 11:07	200
Bromomethane	ND		200	140	ug/L			06/12/19 11:07	200
Carbon disulfide	ND		200	38	ug/L			06/12/19 11:07	200
Carbon tetrachloride	ND		200	54	ug/L			06/12/19 11:07	200
Chlorobenzene	ND		200	150	ug/L			06/12/19 11:07	200
Dibromochloromethane	ND		200	64	ug/L			06/12/19 11:07	200
Chloroethane	ND		200	64	ug/L			06/12/19 11:07	200
Chloroform	ND		200	68	ug/L			06/12/19 11:07	200
Chloromethane	ND		200	70	ug/L			06/12/19 11:07	200
cis-1,2-Dichloroethene	1100		200	160	ug/L			06/12/19 11:07	200
cis-1,3-Dichloropropene	ND		200	72	ug/L			06/12/19 11:07	200
Cyclohexane	ND		200	36	ug/L			06/12/19 11:07	200
Dichlorodifluoromethane	ND		200	140	ug/L			06/12/19 11:07	200
Ethylbenzene	ND		200	150	ug/L			06/12/19 11:07	200
1,2-Dibromoethane	ND		200	150	ug/L			06/12/19 11:07	200
Isopropylbenzene	ND		200	160	ug/L			06/12/19 11:07	200
Methyl acetate	ND		500	260	ug/L			06/12/19 11:07	200
Methyl tert-butyl ether	ND		200	32	ug/L			06/12/19 11:07	200
Methylcyclohexane	ND		200	32	ug/L			06/12/19 11:07	200
Methylene Chloride	93 J		200	88	ug/L			06/12/19 11:07	200
Styrene	ND		200	150	ug/L			06/12/19 11:07	200
Tetrachloroethene	ND		200	72	ug/L			06/12/19 11:07	200
Toluene	ND		200	100	ug/L			06/12/19 11:07	200
trans-1,2-Dichloroethene	ND		200	180	ug/L			06/12/19 11:07	200
trans-1,3-Dichloropropene	ND		200	74	ug/L			06/12/19 11:07	200
Trichloroethene	4700		200	92	ug/L			06/12/19 11:07	200
Trichlorofluoromethane	ND		200	180	ug/L			06/12/19 11:07	200
Vinyl chloride	ND		200	180	ug/L			06/12/19 11:07	200
Xylenes, Total	ND		400	130	ug/L			06/12/19 11:07	200

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: LAE-4

Lab Sample ID: 480-154729-2

Date Collected: 06/10/19 14:25

Matrix: Water

Date Received: 06/11/19 19:10

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>06/12/19 11:07</i>	<i>200</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	<i>90</i>		<i>80 - 120</i>					<i>06/12/19 11:07</i>	<i>200</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>100</i>		<i>77 - 120</i>					<i>06/12/19 11:07</i>	<i>200</i>
<i>4-Bromofluorobenzene (Surr)</i>	<i>98</i>		<i>73 - 120</i>					<i>06/12/19 11:07</i>	<i>200</i>
<i>Dibromofluoromethane (Surr)</i>	<i>105</i>		<i>75 - 123</i>					<i>06/12/19 11:07</i>	<i>200</i>

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 09:16	06/14/19 02:54	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 09:16	06/14/19 02:54	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 09:16	06/14/19 02:54	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 09:16	06/14/19 02:54	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 09:16	06/14/19 02:54	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 09:16	06/14/19 02:54	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 09:16	06/14/19 02:54	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 09:16	06/14/19 02:54	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 09:16	06/14/19 02:54	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 09:16	06/14/19 02:54	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 09:16	06/14/19 02:54	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 09:16	06/14/19 02:54	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 09:16	06/14/19 02:54	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 09:16	06/14/19 02:54	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 09:16	06/14/19 02:54	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 09:16	06/14/19 02:54	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 09:16	06/14/19 02:54	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 09:16	06/14/19 02:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 09:16	06/14/19 02:54	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 09:16	06/14/19 02:54	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 09:16	06/14/19 02:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 09:16	06/14/19 02:54	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 09:16	06/14/19 02:54	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 09:16	06/14/19 02:54	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 09:16	06/14/19 02:54	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 09:16	06/14/19 02:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 09:16	06/14/19 02:54	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 09:16	06/14/19 02:54	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 09:16	06/14/19 02:54	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 09:16	06/14/19 02:54	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 09:16	06/14/19 02:54	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 09:16	06/14/19 02:54	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 09:16	06/14/19 02:54	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 09:16	06/14/19 02:54	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 09:16	06/14/19 02:54	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 09:16	06/14/19 02:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 09:16	06/14/19 02:54	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 09:16	06/14/19 02:54	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 09:16	06/14/19 02:54	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 09:16	06/14/19 02:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: LAE-4

Lab Sample ID: 480-154729-2

Date Collected: 06/10/19 14:25

Matrix: Water

Date Received: 06/11/19 19:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 09:16	06/14/19 02:54	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 09:16	06/14/19 02:54	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 09:16	06/14/19 02:54	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 09:16	06/14/19 02:54	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 09:16	06/14/19 02:54	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 09:16	06/14/19 02:54	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 09:16	06/14/19 02:54	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 09:16	06/14/19 02:54	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 09:16	06/14/19 02:54	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 09:16	06/14/19 02:54	1
Fluorene	0.48	J B	5.0	0.36	ug/L		06/12/19 09:16	06/14/19 02:54	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 09:16	06/14/19 02:54	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 09:16	06/14/19 02:54	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 09:16	06/14/19 02:54	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 09:16	06/14/19 02:54	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 09:16	06/14/19 02:54	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 09:16	06/14/19 02:54	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 09:16	06/14/19 02:54	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 09:16	06/14/19 02:54	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 09:16	06/14/19 02:54	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 09:16	06/14/19 02:54	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 09:16	06/14/19 02:54	1
Phenanthrene	1.7	J B	5.0	0.44	ug/L		06/12/19 09:16	06/14/19 02:54	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 09:16	06/14/19 02:54	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 09:16	06/14/19 02:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	76		46 - 120	06/12/19 09:16	06/14/19 02:54	1
Phenol-d5 (Surr)	48		22 - 120	06/12/19 09:16	06/14/19 02:54	1
p-Terphenyl-d14 (Surr)	77		59 - 136	06/12/19 09:16	06/14/19 02:54	1
2,4,6-Tribromophenol (Surr)	72		41 - 120	06/12/19 09:16	06/14/19 02:54	1
2-Fluorobiphenyl	86		48 - 120	06/12/19 09:16	06/14/19 02:54	1
2-Fluorophenol (Surr)	61		35 - 120	06/12/19 09:16	06/14/19 02:54	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0077	ug/L		06/12/19 09:51	06/13/19 14:39	1
alpha-BHC	ND		0.048	0.0073	ug/L		06/12/19 09:51	06/13/19 14:39	1
beta-BHC	ND		0.048	0.024	ug/L		06/12/19 09:51	06/13/19 14:39	1
delta-BHC	0.014	J	0.048	0.0095	ug/L		06/12/19 09:51	06/13/19 14:39	1
gamma-BHC (Lindane)	ND		0.048	0.0076	ug/L		06/12/19 09:51	06/13/19 14:39	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/12/19 09:51	06/13/19 14:39	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/12/19 09:51	06/13/19 14:39	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/12/19 09:51	06/13/19 14:39	1
4,4'-DDT	ND		0.048	0.010	ug/L		06/12/19 09:51	06/13/19 14:39	1
Dieldrin	ND		0.048	0.0093	ug/L		06/12/19 09:51	06/13/19 14:39	1
Endosulfan I	ND		0.048	0.010	ug/L		06/12/19 09:51	06/13/19 14:39	1
Endosulfan II	ND		0.048	0.011	ug/L		06/12/19 09:51	06/13/19 14:39	1
Endosulfan sulfate	ND	*	0.048	0.015	ug/L		06/12/19 09:51	06/13/19 14:39	1
Endrin	ND		0.048	0.013	ug/L		06/12/19 09:51	06/13/19 14:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: LAE-4

Lab Sample ID: 480-154729-2

Date Collected: 06/10/19 14:25

Matrix: Water

Date Received: 06/11/19 19:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/12/19 09:51	06/13/19 14:39	1
Heptachlor	ND		0.048	0.0081	ug/L		06/12/19 09:51	06/13/19 14:39	1
Heptachlor epoxide	ND		0.048	0.0070	ug/L		06/12/19 09:51	06/13/19 14:39	1
Toxaphene	ND		0.48	0.11	ug/L		06/12/19 09:51	06/13/19 14:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69		23 - 120				06/12/19 09:51	06/13/19 14:39	1
DCB Decachlorobiphenyl	66		23 - 120				06/12/19 09:51	06/13/19 14:39	1
Tetrachloro-m-xylene	76		44 - 120				06/12/19 09:51	06/13/19 14:39	1
Tetrachloro-m-xylene	74		44 - 120				06/12/19 09:51	06/13/19 14:39	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:23	1
PCB-1221	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:23	1
PCB-1232	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:23	1
PCB-1242	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:23	1
PCB-1248	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:23	1
PCB-1254	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 17:23	1
PCB-1260	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		36 - 121				06/12/19 15:25	06/13/19 17:23	1
DCB Decachlorobiphenyl	90		36 - 121				06/12/19 15:25	06/13/19 17:23	1
Tetrachloro-m-xylene	92		42 - 135				06/12/19 15:25	06/13/19 17:23	1
Tetrachloro-m-xylene	80		42 - 135				06/12/19 15:25	06/13/19 17:23	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.098	J	0.20	0.060	mg/L		06/17/19 07:06	06/18/19 14:18	1
Antimony	ND		0.020	0.0068	mg/L		06/17/19 07:06	06/18/19 14:18	1
Arsenic	ND		0.015	0.0056	mg/L		06/17/19 07:06	06/18/19 14:18	1
Barium	0.10		0.0020	0.00070	mg/L		06/17/19 07:06	06/18/19 14:18	1
Beryllium	ND		0.0020	0.00030	mg/L		06/17/19 07:06	06/18/19 14:18	1
Cadmium	ND		0.0020	0.00050	mg/L		06/17/19 07:06	06/18/19 14:18	1
Calcium	117		0.50	0.10	mg/L		06/17/19 07:06	06/18/19 14:18	1
Chromium	0.0013	J	0.0040	0.0010	mg/L		06/17/19 07:06	06/18/19 14:18	1
Cobalt	0.0065		0.0040	0.00063	mg/L		06/17/19 07:06	06/18/19 14:18	1
Copper	ND		0.010	0.0016	mg/L		06/17/19 07:06	06/21/19 16:21	1
Iron	0.55	B	0.050	0.019	mg/L		06/17/19 07:06	06/18/19 14:18	1
Lead	ND		0.010	0.0030	mg/L		06/17/19 07:06	06/21/19 16:21	1
Magnesium	26.3		0.20	0.043	mg/L		06/17/19 07:06	06/18/19 14:18	1
Manganese	2.1		0.0030	0.00040	mg/L		06/17/19 07:06	06/18/19 14:18	1
Nickel	0.0064	J	0.010	0.0013	mg/L		06/17/19 07:06	06/18/19 14:18	1
Potassium	0.68		0.50	0.10	mg/L		06/17/19 07:06	06/18/19 14:18	1
Selenium	ND		0.025	0.0087	mg/L		06/17/19 07:06	06/18/19 14:18	1
Silver	ND		0.0060	0.0017	mg/L		06/17/19 07:06	06/18/19 14:18	1
Sodium	17.3		1.0	0.32	mg/L		06/17/19 07:06	06/18/19 14:18	1
Thallium	ND		0.020	0.010	mg/L		06/17/19 07:06	06/18/19 14:18	1
Vanadium	ND		0.0050	0.0015	mg/L		06/17/19 07:06	06/18/19 14:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: LAE-4

Lab Sample ID: 480-154729-2

Date Collected: 06/10/19 14:25

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0034	J B	0.010	0.0015	mg/L		06/17/19 07:06	06/21/19 16:21	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/03/19 11:36	07/03/19 15:10	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: MW-6

Lab Sample ID: 480-154729-3

Date Collected: 06/10/19 10:40

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/12/19 22:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/12/19 22:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/12/19 22:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/12/19 22:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/12/19 22:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/12/19 22:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/12/19 22:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/12/19 22:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/12/19 22:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/12/19 22:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/12/19 22:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/12/19 22:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/12/19 22:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/12/19 22:57	1
2-Hexanone	ND		5.0	1.2	ug/L			06/12/19 22:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/12/19 22:57	1
Acetone	ND		10	3.0	ug/L			06/12/19 22:57	1
Benzene	ND		1.0	0.41	ug/L			06/12/19 22:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/12/19 22:57	1
Bromoform	ND		1.0	0.26	ug/L			06/12/19 22:57	1
Bromomethane	ND		1.0	0.69	ug/L			06/12/19 22:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/12/19 22:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/12/19 22:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/12/19 22:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/12/19 22:57	1
Chloroethane	ND		1.0	0.32	ug/L			06/12/19 22:57	1
Chloroform	ND		1.0	0.34	ug/L			06/12/19 22:57	1
Chloromethane	ND		1.0	0.35	ug/L			06/12/19 22:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/12/19 22:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/12/19 22:57	1
Cyclohexane	0.93	J	1.0	0.18	ug/L			06/12/19 22:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/12/19 22:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/12/19 22:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/12/19 22:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/12/19 22:57	1
Methyl acetate	ND		2.5	1.3	ug/L			06/12/19 22:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/12/19 22:57	1
Methylcyclohexane	1.9		1.0	0.16	ug/L			06/12/19 22:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/12/19 22:57	1
Styrene	ND		1.0	0.73	ug/L			06/12/19 22:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/12/19 22:57	1
Toluene	ND		1.0	0.51	ug/L			06/12/19 22:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/12/19 22:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/12/19 22:57	1
Trichloroethene	ND		1.0	0.46	ug/L			06/12/19 22:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/12/19 22:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/12/19 22:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/12/19 22:57	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: MW-6

Lab Sample ID: 480-154729-3

Date Collected: 06/10/19 10:40

Matrix: Water

Date Received: 06/11/19 19:10

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>06/12/19 22:57</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	93		80 - 120					06/12/19 22:57	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	107		77 - 120					06/12/19 22:57	1
<i>4-Bromofluorobenzene (Surr)</i>	105		73 - 120					06/12/19 22:57	1
<i>Dibromofluoromethane (Surr)</i>	103		75 - 123					06/12/19 22:57	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:58	06/13/19 20:41	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:58	06/13/19 20:41	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 20:41	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:58	06/13/19 20:41	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 20:41	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:58	06/13/19 20:41	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 20:41	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 20:41	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 20:41	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 20:41	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:58	06/13/19 20:41	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 20:41	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:58	06/13/19 20:41	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:58	06/13/19 20:41	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 20:41	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 20:41	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:58	06/13/19 20:41	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 20:41	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 20:41	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 20:41	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 20:41	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 20:41	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:58	06/13/19 20:41	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:58	06/13/19 20:41	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:58	06/13/19 20:41	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:58	06/13/19 20:41	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:58	06/13/19 20:41	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 20:41	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:58	06/13/19 20:41	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 20:41	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:58	06/13/19 20:41	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 20:41	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 20:41	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 20:41	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 20:41	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:58	06/13/19 20:41	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 20:41	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 20:41	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 20:41	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:58	06/13/19 20:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: MW-6

Lab Sample ID: 480-154729-3

Date Collected: 06/10/19 10:40

Matrix: Water

Date Received: 06/11/19 19:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 20:41	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:58	06/13/19 20:41	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:58	06/13/19 20:41	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:58	06/13/19 20:41	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:58	06/13/19 20:41	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 20:41	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:58	06/13/19 20:41	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:58	06/13/19 20:41	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 20:41	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 20:41	1
Fluorene	0.59	J B	5.0	0.36	ug/L		06/12/19 06:58	06/13/19 20:41	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 20:41	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:58	06/13/19 20:41	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 20:41	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 20:41	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 20:41	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:58	06/13/19 20:41	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 20:41	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 20:41	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:58	06/13/19 20:41	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:58	06/13/19 20:41	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 20:41	1
Phenanthrene	2.1	J B	5.0	0.44	ug/L		06/12/19 06:58	06/13/19 20:41	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:58	06/13/19 20:41	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 20:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	92		46 - 120	06/12/19 06:58	06/13/19 20:41	1
Phenol-d5 (Surr)	55		22 - 120	06/12/19 06:58	06/13/19 20:41	1
p-Terphenyl-d14 (Surr)	93		59 - 136	06/12/19 06:58	06/13/19 20:41	1
2,4,6-Tribromophenol (Surr)	81		41 - 120	06/12/19 06:58	06/13/19 20:41	1
2-Fluorobiphenyl	97		48 - 120	06/12/19 06:58	06/13/19 20:41	1
2-Fluorophenol (Surr)	71		35 - 120	06/12/19 06:58	06/13/19 20:41	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.049	0.0079	ug/L		06/12/19 09:51	06/13/19 13:40	1
alpha-BHC	ND		0.049	0.0075	ug/L		06/12/19 09:51	06/13/19 13:40	1
beta-BHC	ND		0.049	0.024	ug/L		06/12/19 09:51	06/13/19 13:40	1
delta-BHC	0.016	J	0.049	0.0097	ug/L		06/12/19 09:51	06/13/19 13:40	1
gamma-BHC (Lindane)	ND		0.049	0.0078	ug/L		06/12/19 09:51	06/13/19 13:40	1
Chlordane (technical)	ND		0.49	0.28	ug/L		06/12/19 09:51	06/13/19 13:40	1
4,4'-DDD	ND		0.049	0.0089	ug/L		06/12/19 09:51	06/13/19 13:40	1
4,4'-DDE	ND		0.049	0.011	ug/L		06/12/19 09:51	06/13/19 13:40	1
4,4'-DDT	0.011	J	0.049	0.011	ug/L		06/12/19 09:51	06/13/19 13:40	1
Dieldrin	ND		0.049	0.0095	ug/L		06/12/19 09:51	06/13/19 13:40	1
Endosulfan I	ND		0.049	0.011	ug/L		06/12/19 09:51	06/13/19 13:40	1
Endosulfan II	ND		0.049	0.012	ug/L		06/12/19 09:51	06/13/19 13:40	1
Endosulfan sulfate	ND	*	0.049	0.015	ug/L		06/12/19 09:51	06/13/19 13:40	1
Endrin	ND		0.049	0.013	ug/L		06/12/19 09:51	06/13/19 13:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: MW-6

Lab Sample ID: 480-154729-3

Date Collected: 06/10/19 10:40

Matrix: Water

Date Received: 06/11/19 19:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.049	0.016	ug/L		06/12/19 09:51	06/13/19 13:40	1
Heptachlor	ND		0.049	0.0083	ug/L		06/12/19 09:51	06/13/19 13:40	1
Heptachlor epoxide	ND		0.049	0.0072	ug/L		06/12/19 09:51	06/13/19 13:40	1
Toxaphene	ND		0.49	0.12	ug/L		06/12/19 09:51	06/13/19 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		23 - 120	06/12/19 09:51	06/13/19 13:40	1
DCB Decachlorobiphenyl	68		23 - 120	06/12/19 09:51	06/13/19 13:40	1
Tetrachloro-m-xylene	82		44 - 120	06/12/19 09:51	06/13/19 13:40	1
Tetrachloro-m-xylene	78		44 - 120	06/12/19 09:51	06/13/19 13:40	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 16:32	1
PCB-1221	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 16:32	1
PCB-1232	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 16:32	1
PCB-1242	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 16:32	1
PCB-1248	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 16:32	1
PCB-1254	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 16:32	1
PCB-1260	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	93		36 - 121	06/12/19 15:25	06/13/19 16:32	1
DCB Decachlorobiphenyl	95		36 - 121	06/12/19 15:25	06/13/19 16:32	1
Tetrachloro-m-xylene	111		42 - 135	06/12/19 15:25	06/13/19 16:32	1
Tetrachloro-m-xylene	84		42 - 135	06/12/19 15:25	06/13/19 16:32	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/12/19 09:24	06/18/19 16:49	1
Antimony	ND	F1	0.020	0.0068	mg/L		06/12/19 09:24	06/18/19 16:49	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 09:24	06/18/19 16:49	1
Barium	1.6		0.0020	0.00070	mg/L		06/12/19 09:24	06/18/19 16:49	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 09:24	06/18/19 16:49	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 09:24	06/18/19 16:49	1
Calcium	119		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 16:49	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 09:24	06/18/19 16:49	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 09:24	06/18/19 16:49	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 09:24	06/18/19 16:49	1
Iron	0.12	F1	0.050	0.019	mg/L		06/12/19 09:24	06/18/19 16:49	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 09:24	06/18/19 16:49	1
Magnesium	42.8		0.20	0.043	mg/L		06/12/19 09:24	06/18/19 16:49	1
Manganese	0.043		0.0030	0.00040	mg/L		06/12/19 09:24	06/18/19 16:49	1
Nickel	ND		0.010	0.0013	mg/L		06/12/19 09:24	06/18/19 16:49	1
Potassium	4.7		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 16:49	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 09:24	06/18/19 16:49	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 09:24	06/18/19 16:49	1
Sodium	139		1.0	0.32	mg/L		06/12/19 09:24	06/18/19 16:49	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 09:24	06/18/19 16:49	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 09:24	06/18/19 16:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: MW-6

Lab Sample ID: 480-154729-3

Date Collected: 06/10/19 10:40

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/12/19 09:24	06/18/19 16:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 14:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.010	0.0050	mg/L			06/11/19 09:31	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: DUP-061019-2

Lab Sample ID: 480-154729-4

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/13/19 22:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/13/19 22:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/13/19 22:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/13/19 22:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/13/19 22:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/13/19 22:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/13/19 22:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/13/19 22:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/13/19 22:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/13/19 22:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/13/19 22:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/13/19 22:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/13/19 22:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/13/19 22:45	1
2-Hexanone	ND		5.0	1.2	ug/L			06/13/19 22:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/13/19 22:45	1
Acetone	ND		10	3.0	ug/L			06/13/19 22:45	1
Benzene	ND		1.0	0.41	ug/L			06/13/19 22:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/13/19 22:45	1
Bromoform	ND		1.0	0.26	ug/L			06/13/19 22:45	1
Bromomethane	ND		1.0	0.69	ug/L			06/13/19 22:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/13/19 22:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/13/19 22:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/13/19 22:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/13/19 22:45	1
Chloroethane	ND		1.0	0.32	ug/L			06/13/19 22:45	1
Chloroform	ND		1.0	0.34	ug/L			06/13/19 22:45	1
Chloromethane	ND		1.0	0.35	ug/L			06/13/19 22:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/13/19 22:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/13/19 22:45	1
Cyclohexane	1.4		1.0	0.18	ug/L			06/13/19 22:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/13/19 22:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/13/19 22:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/13/19 22:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/13/19 22:45	1
Methyl acetate	ND		2.5	1.3	ug/L			06/13/19 22:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/13/19 22:45	1
Methylcyclohexane	3.3		1.0	0.16	ug/L			06/13/19 22:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/13/19 22:45	1
Styrene	ND		1.0	0.73	ug/L			06/13/19 22:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/13/19 22:45	1
Toluene	ND		1.0	0.51	ug/L			06/13/19 22:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/13/19 22:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/13/19 22:45	1
Trichloroethene	ND		1.0	0.46	ug/L			06/13/19 22:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/13/19 22:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/13/19 22:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/13/19 22:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: DUP-061019-2

Lab Sample ID: 480-154729-4

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/13/19 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120					06/13/19 22:45	1
1,2-Dichloroethane-d4 (Surr)	96		77 - 120					06/13/19 22:45	1
4-Bromofluorobenzene (Surr)	100		73 - 120					06/13/19 22:45	1
Dibromofluoromethane (Surr)	101		75 - 123					06/13/19 22:45	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:58	06/13/19 22:07	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:58	06/13/19 22:07	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 22:07	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:58	06/13/19 22:07	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 22:07	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:58	06/13/19 22:07	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 22:07	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 22:07	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 22:07	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 22:07	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:58	06/13/19 22:07	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 22:07	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:58	06/13/19 22:07	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:58	06/13/19 22:07	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 22:07	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 22:07	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:58	06/13/19 22:07	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 22:07	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 22:07	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 22:07	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 22:07	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 22:07	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:58	06/13/19 22:07	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:58	06/13/19 22:07	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:58	06/13/19 22:07	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:58	06/13/19 22:07	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:58	06/13/19 22:07	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 22:07	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:58	06/13/19 22:07	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 22:07	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:58	06/13/19 22:07	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 22:07	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 22:07	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 22:07	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 22:07	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:58	06/13/19 22:07	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 22:07	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 22:07	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 22:07	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:58	06/13/19 22:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: DUP-061019-2

Lab Sample ID: 480-154729-4

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 22:07	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:58	06/13/19 22:07	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:58	06/13/19 22:07	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:58	06/13/19 22:07	1
Di-n-butyl phthalate	0.51	J	5.0	0.31	ug/L		06/12/19 06:58	06/13/19 22:07	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 22:07	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:58	06/13/19 22:07	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:58	06/13/19 22:07	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 22:07	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 22:07	1
Fluorene	0.53	J B	5.0	0.36	ug/L		06/12/19 06:58	06/13/19 22:07	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 22:07	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:58	06/13/19 22:07	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 22:07	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 22:07	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 22:07	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:58	06/13/19 22:07	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 22:07	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 22:07	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:58	06/13/19 22:07	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:58	06/13/19 22:07	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 22:07	1
Phenanthrene	1.9	J B	5.0	0.44	ug/L		06/12/19 06:58	06/13/19 22:07	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:58	06/13/19 22:07	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 22:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	78		46 - 120	06/12/19 06:58	06/13/19 22:07	1
Phenol-d5 (Surr)	53		22 - 120	06/12/19 06:58	06/13/19 22:07	1
p-Terphenyl-d14 (Surr)	86		59 - 136	06/12/19 06:58	06/13/19 22:07	1
2,4,6-Tribromophenol (Surr)	64		41 - 120	06/12/19 06:58	06/13/19 22:07	1
2-Fluorobiphenyl	84		48 - 120	06/12/19 06:58	06/13/19 22:07	1
2-Fluorophenol (Surr)	66		35 - 120	06/12/19 06:58	06/13/19 22:07	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0077	ug/L		06/12/19 09:51	06/13/19 13:42	1
alpha-BHC	ND		0.048	0.0073	ug/L		06/12/19 09:51	06/13/19 13:42	1
beta-BHC	ND		0.048	0.024	ug/L		06/12/19 09:51	06/13/19 13:42	1
delta-BHC	ND		0.048	0.0095	ug/L		06/12/19 09:51	06/13/19 13:42	1
gamma-BHC (Lindane)	ND		0.048	0.0076	ug/L		06/12/19 09:51	06/13/19 13:42	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/12/19 09:51	06/13/19 13:42	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/12/19 09:51	06/13/19 13:42	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/12/19 09:51	06/13/19 13:42	1
4,4'-DDT	ND		0.048	0.010	ug/L		06/12/19 09:51	06/13/19 13:42	1
Dieldrin	ND		0.048	0.0093	ug/L		06/12/19 09:51	06/13/19 13:42	1
Endosulfan I	ND		0.048	0.010	ug/L		06/12/19 09:51	06/13/19 13:42	1
Endosulfan II	ND		0.048	0.011	ug/L		06/12/19 09:51	06/13/19 13:42	1
Endosulfan sulfate	ND	*	0.048	0.015	ug/L		06/12/19 09:51	06/13/19 13:42	1
Endrin	ND		0.048	0.013	ug/L		06/12/19 09:51	06/13/19 13:42	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: DUP-061019-2

Lab Sample ID: 480-154729-4

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/12/19 09:51	06/13/19 13:42	1
Heptachlor	ND		0.048	0.0081	ug/L		06/12/19 09:51	06/13/19 13:42	1
Heptachlor epoxide	ND		0.048	0.0070	ug/L		06/12/19 09:51	06/13/19 13:42	1
Toxaphene	ND		0.48	0.11	ug/L		06/12/19 09:51	06/13/19 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		23 - 120	06/12/19 09:51	06/13/19 13:42	1
DCB Decachlorobiphenyl	86		23 - 120	06/12/19 09:51	06/13/19 13:42	1
Tetrachloro-m-xylene	83		44 - 120	06/12/19 09:51	06/13/19 13:42	1
Tetrachloro-m-xylene	74		44 - 120	06/12/19 09:51	06/13/19 13:42	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:36	1
PCB-1221	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:36	1
PCB-1232	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:36	1
PCB-1242	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:36	1
PCB-1248	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:36	1
PCB-1254	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 17:36	1
PCB-1260	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		36 - 121	06/12/19 15:25	06/13/19 17:36	1
DCB Decachlorobiphenyl	94		36 - 121	06/12/19 15:25	06/13/19 17:36	1
Tetrachloro-m-xylene	95		42 - 135	06/12/19 15:25	06/13/19 17:36	1
Tetrachloro-m-xylene	84		42 - 135	06/12/19 15:25	06/13/19 17:36	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/12/19 09:24	06/18/19 17:07	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 09:24	06/18/19 17:07	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 09:24	06/18/19 17:07	1
Barium	0.99		0.0020	0.00070	mg/L		06/12/19 09:24	06/18/19 17:07	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 09:24	06/18/19 17:07	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 09:24	06/18/19 17:07	1
Calcium	118		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:07	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 09:24	06/18/19 17:07	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 09:24	06/18/19 17:07	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 09:24	06/18/19 17:07	1
Iron	0.87		0.050	0.019	mg/L		06/12/19 09:24	06/18/19 17:07	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 09:24	06/18/19 17:07	1
Magnesium	42.6		0.20	0.043	mg/L		06/12/19 09:24	06/18/19 17:07	1
Manganese	0.076		0.0030	0.00040	mg/L		06/12/19 09:24	06/18/19 17:07	1
Nickel	ND		0.010	0.0013	mg/L		06/12/19 09:24	06/18/19 17:07	1
Potassium	4.7		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:07	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 09:24	06/18/19 17:07	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 09:24	06/18/19 17:07	1
Sodium	122		1.0	0.32	mg/L		06/12/19 09:24	06/18/19 17:07	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 09:24	06/18/19 17:07	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 09:24	06/18/19 17:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: DUP-061019-2

Lab Sample ID: 480-154729-4

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/12/19 09:24	06/18/19 17:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 14:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND	H	0.010	0.0050	mg/L			06/11/19 09:31	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-27

Lab Sample ID: 480-154729-5

Date Collected: 06/10/19 14:30

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/12/19 11:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/12/19 11:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/12/19 11:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/12/19 11:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/12/19 11:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/12/19 11:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/12/19 11:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/12/19 11:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/12/19 11:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/12/19 11:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/12/19 11:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/12/19 11:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/12/19 11:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/12/19 11:56	1
2-Hexanone	ND		5.0	1.2	ug/L			06/12/19 11:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/12/19 11:56	1
Acetone	ND		10	3.0	ug/L			06/12/19 11:56	1
Benzene	ND		1.0	0.41	ug/L			06/12/19 11:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/12/19 11:56	1
Bromoform	ND		1.0	0.26	ug/L			06/12/19 11:56	1
Bromomethane	ND		1.0	0.69	ug/L			06/12/19 11:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/12/19 11:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/12/19 11:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/12/19 11:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/12/19 11:56	1
Chloroethane	ND		1.0	0.32	ug/L			06/12/19 11:56	1
Chloroform	ND		1.0	0.34	ug/L			06/12/19 11:56	1
Chloromethane	ND		1.0	0.35	ug/L			06/12/19 11:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/12/19 11:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/12/19 11:56	1
Cyclohexane	ND		1.0	0.18	ug/L			06/12/19 11:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/12/19 11:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/12/19 11:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/12/19 11:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/12/19 11:56	1
Methyl acetate	ND		2.5	1.3	ug/L			06/12/19 11:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/12/19 11:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/12/19 11:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/12/19 11:56	1
Styrene	ND		1.0	0.73	ug/L			06/12/19 11:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/12/19 11:56	1
Toluene	ND		1.0	0.51	ug/L			06/12/19 11:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/12/19 11:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/12/19 11:56	1
Trichloroethene	ND		1.0	0.46	ug/L			06/12/19 11:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/12/19 11:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/12/19 11:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/12/19 11:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-27

Lab Sample ID: 480-154729-5

Date Collected: 06/10/19 14:30

Matrix: Water

Date Received: 06/11/19 19:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/12/19 11:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120					06/12/19 11:56	1
1,2-Dichloroethane-d4 (Surr)	96		77 - 120					06/12/19 11:56	1
4-Bromofluorobenzene (Surr)	101		73 - 120					06/12/19 11:56	1
Dibromofluoromethane (Surr)	101		75 - 123					06/12/19 11:56	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:58	06/13/19 22:36	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:58	06/13/19 22:36	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 22:36	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:58	06/13/19 22:36	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 22:36	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:58	06/13/19 22:36	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 22:36	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 22:36	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 22:36	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 22:36	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:58	06/13/19 22:36	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 22:36	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:58	06/13/19 22:36	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:58	06/13/19 22:36	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 22:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 22:36	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:58	06/13/19 22:36	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 22:36	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 22:36	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 22:36	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 22:36	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 22:36	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:58	06/13/19 22:36	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:58	06/13/19 22:36	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:58	06/13/19 22:36	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:58	06/13/19 22:36	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:58	06/13/19 22:36	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 22:36	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:58	06/13/19 22:36	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 22:36	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:58	06/13/19 22:36	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 22:36	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 22:36	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 22:36	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 22:36	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:58	06/13/19 22:36	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 22:36	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 22:36	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 22:36	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:58	06/13/19 22:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-27

Lab Sample ID: 480-154729-5

Date Collected: 06/10/19 14:30

Matrix: Water

Date Received: 06/11/19 19:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 22:36	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:58	06/13/19 22:36	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:58	06/13/19 22:36	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:58	06/13/19 22:36	1
Di-n-butyl phthalate	0.56	J	5.0	0.31	ug/L		06/12/19 06:58	06/13/19 22:36	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 22:36	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:58	06/13/19 22:36	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:58	06/13/19 22:36	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 22:36	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 22:36	1
Fluorene	0.59	J B	5.0	0.36	ug/L		06/12/19 06:58	06/13/19 22:36	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 22:36	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:58	06/13/19 22:36	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 22:36	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 22:36	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 22:36	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:58	06/13/19 22:36	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 22:36	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 22:36	1
Naphthalene	0.80	J	5.0	0.76	ug/L		06/12/19 06:58	06/13/19 22:36	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:58	06/13/19 22:36	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 22:36	1
Phenanthrene	2.0	J B	5.0	0.44	ug/L		06/12/19 06:58	06/13/19 22:36	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:58	06/13/19 22:36	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 22:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	84		46 - 120	06/12/19 06:58	06/13/19 22:36	1
Phenol-d5 (Surr)	51		22 - 120	06/12/19 06:58	06/13/19 22:36	1
p-Terphenyl-d14 (Surr)	85		59 - 136	06/12/19 06:58	06/13/19 22:36	1
2,4,6-Tribromophenol (Surr)	77		41 - 120	06/12/19 06:58	06/13/19 22:36	1
2-Fluorobiphenyl	93		48 - 120	06/12/19 06:58	06/13/19 22:36	1
2-Fluorophenol (Surr)	67		35 - 120	06/12/19 06:58	06/13/19 22:36	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.049	0.0079	ug/L		06/12/19 09:51	06/13/19 14:02	1
alpha-BHC	ND		0.049	0.0075	ug/L		06/12/19 09:51	06/13/19 14:02	1
beta-BHC	ND		0.049	0.024	ug/L		06/12/19 09:51	06/13/19 14:02	1
delta-BHC	ND		0.049	0.0097	ug/L		06/12/19 09:51	06/13/19 14:02	1
gamma-BHC (Lindane)	ND		0.049	0.0078	ug/L		06/12/19 09:51	06/13/19 14:02	1
Chlordane (technical)	ND		0.49	0.28	ug/L		06/12/19 09:51	06/13/19 14:02	1
4,4'-DDD	ND		0.049	0.0089	ug/L		06/12/19 09:51	06/13/19 14:02	1
4,4'-DDE	ND		0.049	0.011	ug/L		06/12/19 09:51	06/13/19 14:02	1
4,4'-DDT	ND		0.049	0.011	ug/L		06/12/19 09:51	06/13/19 14:02	1
Dieldrin	ND		0.049	0.0095	ug/L		06/12/19 09:51	06/13/19 14:02	1
Endosulfan I	ND		0.049	0.011	ug/L		06/12/19 09:51	06/13/19 14:02	1
Endosulfan II	ND		0.049	0.012	ug/L		06/12/19 09:51	06/13/19 14:02	1
Endosulfan sulfate	ND	*	0.049	0.015	ug/L		06/12/19 09:51	06/13/19 14:02	1
Endrin	ND		0.049	0.013	ug/L		06/12/19 09:51	06/13/19 14:02	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-27

Lab Sample ID: 480-154729-5

Date Collected: 06/10/19 14:30

Matrix: Water

Date Received: 06/11/19 19:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.049	0.016	ug/L		06/12/19 09:51	06/13/19 14:02	1
Heptachlor	ND		0.049	0.0083	ug/L		06/12/19 09:51	06/13/19 14:02	1
Heptachlor epoxide	ND		0.049	0.0072	ug/L		06/12/19 09:51	06/13/19 14:02	1
Toxaphene	ND		0.49	0.12	ug/L		06/12/19 09:51	06/13/19 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	83		23 - 120				06/12/19 09:51	06/13/19 14:02	1
DCB Decachlorobiphenyl	82		23 - 120				06/12/19 09:51	06/13/19 14:02	1
Tetrachloro-m-xylene	73		44 - 120				06/12/19 09:51	06/13/19 14:02	1
Tetrachloro-m-xylene	58		44 - 120				06/12/19 09:51	06/13/19 14:02	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:48	1
PCB-1221	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:48	1
PCB-1232	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:48	1
PCB-1242	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:48	1
PCB-1248	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 17:48	1
PCB-1254	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 17:48	1
PCB-1260	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		36 - 121				06/12/19 15:25	06/13/19 17:48	1
DCB Decachlorobiphenyl	94		36 - 121				06/12/19 15:25	06/13/19 17:48	1
Tetrachloro-m-xylene	91		42 - 135				06/12/19 15:25	06/13/19 17:48	1
Tetrachloro-m-xylene	74		42 - 135				06/12/19 15:25	06/13/19 17:48	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.096	J	0.20	0.060	mg/L		06/12/19 09:24	06/18/19 17:11	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 09:24	06/18/19 17:11	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 09:24	06/18/19 17:11	1
Barium	0.038		0.0020	0.00070	mg/L		06/12/19 09:24	06/18/19 17:11	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 09:24	06/18/19 17:11	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 09:24	06/18/19 17:11	1
Calcium	150		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:11	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 09:24	06/18/19 17:11	1
Cobalt	0.0062		0.0040	0.00063	mg/L		06/12/19 09:24	06/18/19 17:11	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 09:24	06/18/19 17:11	1
Iron	0.12		0.050	0.019	mg/L		06/12/19 09:24	06/18/19 17:11	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 09:24	06/18/19 17:11	1
Magnesium	39.7		0.20	0.043	mg/L		06/12/19 09:24	06/18/19 17:11	1
Manganese	1.8		0.0030	0.00040	mg/L		06/12/19 09:24	06/18/19 17:11	1
Nickel	0.0079	J	0.010	0.0013	mg/L		06/12/19 09:24	06/18/19 17:11	1
Potassium	2.1		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:11	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 09:24	06/18/19 17:11	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 09:24	06/18/19 17:11	1
Sodium	35.5		1.0	0.32	mg/L		06/12/19 09:24	06/18/19 17:11	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 09:24	06/18/19 17:11	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 09:24	06/18/19 17:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-27

Lab Sample ID: 480-154729-5

Date Collected: 06/10/19 14:30

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/12/19 09:24	06/18/19 17:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 14:32	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-29

Lab Sample ID: 480-154729-6

Date Collected: 06/10/19 15:40

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	1.0	0.82	ug/L			06/13/19 10:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/13/19 10:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/13/19 10:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/13/19 10:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/13/19 10:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/13/19 10:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/13/19 10:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/13/19 10:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/13/19 10:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/13/19 10:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/13/19 10:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/13/19 10:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/13/19 10:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/13/19 10:49	1
2-Hexanone	ND		5.0	1.2	ug/L			06/13/19 10:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/13/19 10:49	1
Acetone	ND		10	3.0	ug/L			06/13/19 10:49	1
Benzene	ND		1.0	0.41	ug/L			06/13/19 10:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/13/19 10:49	1
Bromoform	ND		1.0	0.26	ug/L			06/13/19 10:49	1
Bromomethane	ND		1.0	0.69	ug/L			06/13/19 10:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/13/19 10:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/13/19 10:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/13/19 10:49	1
Dibromochloromethane	ND	F1	1.0	0.32	ug/L			06/13/19 10:49	1
Chloroethane	ND		1.0	0.32	ug/L			06/13/19 10:49	1
Chloroform	ND		1.0	0.34	ug/L			06/13/19 10:49	1
Chloromethane	ND		1.0	0.35	ug/L			06/13/19 10:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/13/19 10:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/13/19 10:49	1
Cyclohexane	ND		1.0	0.18	ug/L			06/13/19 10:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/13/19 10:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/13/19 10:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/13/19 10:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/13/19 10:49	1
Methyl acetate	ND		2.5	1.3	ug/L			06/13/19 10:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/13/19 10:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/13/19 10:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/13/19 10:49	1
Styrene	ND		1.0	0.73	ug/L			06/13/19 10:49	1
Tetrachloroethene	ND	F1	1.0	0.36	ug/L			06/13/19 10:49	1
Toluene	ND		1.0	0.51	ug/L			06/13/19 10:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/13/19 10:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/13/19 10:49	1
Trichloroethene	ND		1.0	0.46	ug/L			06/13/19 10:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/13/19 10:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/13/19 10:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/13/19 10:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-29

Lab Sample ID: 480-154729-6

Date Collected: 06/10/19 15:40

Matrix: Water

Date Received: 06/11/19 19:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/13/19 10:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120					06/13/19 10:49	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					06/13/19 10:49	1
4-Bromofluorobenzene (Surr)	99		73 - 120					06/13/19 10:49	1
Dibromofluoromethane (Surr)	101		75 - 123					06/13/19 10:49	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		06/14/19 06:48	06/14/19 21:23	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	26		15 - 110				06/14/19 06:48	06/14/19 21:23	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.4	0.71	ug/L		06/12/19 06:58	06/13/19 21:10	1
bis (2-chloroisopropyl) ether	ND		5.4	0.57	ug/L		06/12/19 06:58	06/13/19 21:10	1
2,4,5-Trichlorophenol	ND		5.4	0.52	ug/L		06/12/19 06:58	06/13/19 21:10	1
2,4,6-Trichlorophenol	ND		5.4	0.66	ug/L		06/12/19 06:58	06/13/19 21:10	1
2,4-Dichlorophenol	ND		5.4	0.55	ug/L		06/12/19 06:58	06/13/19 21:10	1
2,4-Dimethylphenol	ND		5.4	0.54	ug/L		06/12/19 06:58	06/13/19 21:10	1
2,4-Dinitrophenol	ND		11	2.4	ug/L		06/12/19 06:58	06/13/19 21:10	1
2,4-Dinitrotoluene	ND		5.4	0.49	ug/L		06/12/19 06:58	06/13/19 21:10	1
2,6-Dinitrotoluene	ND		5.4	0.43	ug/L		06/12/19 06:58	06/13/19 21:10	1
2-Chloronaphthalene	ND		5.4	0.50	ug/L		06/12/19 06:58	06/13/19 21:10	1
2-Chlorophenol	ND		5.4	0.58	ug/L		06/12/19 06:58	06/13/19 21:10	1
2-Methylphenol	ND		5.4	0.43	ug/L		06/12/19 06:58	06/13/19 21:10	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		06/12/19 06:58	06/13/19 21:10	1
2-Nitroaniline	ND		11	0.46	ug/L		06/12/19 06:58	06/13/19 21:10	1
2-Nitrophenol	ND		5.4	0.52	ug/L		06/12/19 06:58	06/13/19 21:10	1
3,3'-Dichlorobenzidine	ND		5.4	0.43	ug/L		06/12/19 06:58	06/13/19 21:10	1
3-Nitroaniline	ND		11	0.52	ug/L		06/12/19 06:58	06/13/19 21:10	1
4,6-Dinitro-2-methylphenol	ND		11	2.4	ug/L		06/12/19 06:58	06/13/19 21:10	1
4-Bromophenyl phenyl ether	ND		5.4	0.49	ug/L		06/12/19 06:58	06/13/19 21:10	1
4-Chloro-3-methylphenol	ND		5.4	0.49	ug/L		06/12/19 06:58	06/13/19 21:10	1
4-Chloroaniline	ND		5.4	0.64	ug/L		06/12/19 06:58	06/13/19 21:10	1
4-Chlorophenyl phenyl ether	ND		5.4	0.38	ug/L		06/12/19 06:58	06/13/19 21:10	1
4-Methylphenol	ND		11	0.39	ug/L		06/12/19 06:58	06/13/19 21:10	1
4-Nitroaniline	ND		11	0.27	ug/L		06/12/19 06:58	06/13/19 21:10	1
4-Nitrophenol	ND		11	1.7	ug/L		06/12/19 06:58	06/13/19 21:10	1
Acenaphthene	ND		5.4	0.45	ug/L		06/12/19 06:58	06/13/19 21:10	1
Acenaphthylene	ND		5.4	0.41	ug/L		06/12/19 06:58	06/13/19 21:10	1
Acetophenone	ND		5.4	0.59	ug/L		06/12/19 06:58	06/13/19 21:10	1
Anthracene	ND		5.4	0.30	ug/L		06/12/19 06:58	06/13/19 21:10	1
Atrazine	ND		5.4	0.50	ug/L		06/12/19 06:58	06/13/19 21:10	1
Benzaldehyde	ND		5.4	0.29	ug/L		06/12/19 06:58	06/13/19 21:10	1
Benzo[a]anthracene	ND		5.4	0.39	ug/L		06/12/19 06:58	06/13/19 21:10	1
Benzo[a]pyrene	ND		5.4	0.51	ug/L		06/12/19 06:58	06/13/19 21:10	1
Benzo[b]fluoranthene	ND		5.4	0.37	ug/L		06/12/19 06:58	06/13/19 21:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-29

Lab Sample ID: 480-154729-6

Date Collected: 06/10/19 15:40

Matrix: Water

Date Received: 06/11/19 19:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		5.4	0.38	ug/L		06/12/19 06:58	06/13/19 21:10	1
Benzo[k]fluoranthene	ND		5.4	0.79	ug/L		06/12/19 06:58	06/13/19 21:10	1
Bis(2-chloroethoxy)methane	ND		5.4	0.38	ug/L		06/12/19 06:58	06/13/19 21:10	1
Bis(2-chloroethyl)ether	ND		5.4	0.43	ug/L		06/12/19 06:58	06/13/19 21:10	1
Bis(2-ethylhexyl) phthalate	ND		5.4	2.4	ug/L		06/12/19 06:58	06/13/19 21:10	1
Butyl benzyl phthalate	ND		5.4	1.1	ug/L		06/12/19 06:58	06/13/19 21:10	1
Caprolactam	ND		5.4	2.4	ug/L		06/12/19 06:58	06/13/19 21:10	1
Carbazole	ND		5.4	0.33	ug/L		06/12/19 06:58	06/13/19 21:10	1
Chrysene	ND		5.4	0.36	ug/L		06/12/19 06:58	06/13/19 21:10	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		06/12/19 06:58	06/13/19 21:10	1
Di-n-butyl phthalate	0.72	J	5.4	0.34	ug/L		06/12/19 06:58	06/13/19 21:10	1
Di-n-octyl phthalate	ND		5.4	0.51	ug/L		06/12/19 06:58	06/13/19 21:10	1
Dibenzofuran	ND		11	0.55	ug/L		06/12/19 06:58	06/13/19 21:10	1
Diethyl phthalate	ND		5.4	0.24	ug/L		06/12/19 06:58	06/13/19 21:10	1
Dimethyl phthalate	ND		5.4	0.39	ug/L		06/12/19 06:58	06/13/19 21:10	1
Fluoranthene	ND		5.4	0.43	ug/L		06/12/19 06:58	06/13/19 21:10	1
Fluorene	0.48	J B	5.4	0.39	ug/L		06/12/19 06:58	06/13/19 21:10	1
Hexachlorobenzene	ND		5.4	0.55	ug/L		06/12/19 06:58	06/13/19 21:10	1
Hexachlorobutadiene	ND		5.4	0.74	ug/L		06/12/19 06:58	06/13/19 21:10	1
Hexachlorocyclopentadiene	ND		5.4	0.64	ug/L		06/12/19 06:58	06/13/19 21:10	1
Hexachloroethane	ND		5.4	0.64	ug/L		06/12/19 06:58	06/13/19 21:10	1
Indeno[1,2,3-cd]pyrene	ND		5.4	0.51	ug/L		06/12/19 06:58	06/13/19 21:10	1
Isophorone	ND		5.4	0.47	ug/L		06/12/19 06:58	06/13/19 21:10	1
N-Nitrosodi-n-propylamine	ND		5.4	0.59	ug/L		06/12/19 06:58	06/13/19 21:10	1
N-Nitrosodiphenylamine	ND		5.4	0.55	ug/L		06/12/19 06:58	06/13/19 21:10	1
Naphthalene	ND		5.4	0.83	ug/L		06/12/19 06:58	06/13/19 21:10	1
Nitrobenzene	ND		5.4	0.32	ug/L		06/12/19 06:58	06/13/19 21:10	1
Pentachlorophenol	ND		11	2.4	ug/L		06/12/19 06:58	06/13/19 21:10	1
Phenanthrene	1.8	J B	5.4	0.48	ug/L		06/12/19 06:58	06/13/19 21:10	1
Phenol	ND		5.4	0.42	ug/L		06/12/19 06:58	06/13/19 21:10	1
Pyrene	ND		5.4	0.37	ug/L		06/12/19 06:58	06/13/19 21:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	70		46 - 120	06/12/19 06:58	06/13/19 21:10	1
Phenol-d5 (Surr)	44		22 - 120	06/12/19 06:58	06/13/19 21:10	1
p-Terphenyl-d14 (Surr)	93		59 - 136	06/12/19 06:58	06/13/19 21:10	1
2,4,6-Tribromophenol (Surr)	67		41 - 120	06/12/19 06:58	06/13/19 21:10	1
2-Fluorobiphenyl	77		48 - 120	06/12/19 06:58	06/13/19 21:10	1
2-Fluorophenol (Surr)	56		35 - 120	06/12/19 06:58	06/13/19 21:10	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.049	0.0079	ug/L		06/12/19 09:51	06/13/19 13:59	1
alpha-BHC	ND		0.049	0.0075	ug/L		06/12/19 09:51	06/13/19 13:59	1
beta-BHC	ND		0.049	0.024	ug/L		06/12/19 09:51	06/13/19 13:59	1
delta-BHC	ND		0.049	0.0098	ug/L		06/12/19 09:51	06/13/19 13:59	1
gamma-BHC (Lindane)	ND		0.049	0.0078	ug/L		06/12/19 09:51	06/13/19 13:59	1
Chlordane (technical)	ND		0.49	0.28	ug/L		06/12/19 09:51	06/13/19 13:59	1
4,4'-DDD	ND		0.049	0.0090	ug/L		06/12/19 09:51	06/13/19 13:59	1
4,4'-DDE	ND		0.049	0.011	ug/L		06/12/19 09:51	06/13/19 13:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-29

Lab Sample ID: 480-154729-6

Date Collected: 06/10/19 15:40

Matrix: Water

Date Received: 06/11/19 19:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		0.049	0.011	ug/L		06/12/19 09:51	06/13/19 13:59	1
Dieldrin	ND		0.049	0.0096	ug/L		06/12/19 09:51	06/13/19 13:59	1
Endosulfan I	ND		0.049	0.011	ug/L		06/12/19 09:51	06/13/19 13:59	1
Endosulfan II	ND		0.049	0.012	ug/L		06/12/19 09:51	06/13/19 13:59	1
Endosulfan sulfate	ND	*	0.049	0.015	ug/L		06/12/19 09:51	06/13/19 13:59	1
Endrin	ND		0.049	0.014	ug/L		06/12/19 09:51	06/13/19 13:59	1
Endrin aldehyde	ND		0.049	0.016	ug/L		06/12/19 09:51	06/13/19 13:59	1
Heptachlor	ND		0.049	0.0083	ug/L		06/12/19 09:51	06/13/19 13:59	1
Heptachlor epoxide	ND		0.049	0.0073	ug/L		06/12/19 09:51	06/13/19 13:59	1
Toxaphene	ND		0.49	0.12	ug/L		06/12/19 09:51	06/13/19 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		23 - 120	06/12/19 09:51	06/13/19 13:59	1
DCB Decachlorobiphenyl	69		23 - 120	06/12/19 09:51	06/13/19 13:59	1
Tetrachloro-m-xylene	72		44 - 120	06/12/19 09:51	06/13/19 13:59	1
Tetrachloro-m-xylene	74		44 - 120	06/12/19 09:51	06/13/19 13:59	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.12	0.076	ug/L		06/12/19 15:25	06/13/19 16:44	2
PCB-1221	ND		0.12	0.076	ug/L		06/12/19 15:25	06/13/19 16:44	2
PCB-1232	ND		0.12	0.076	ug/L		06/12/19 15:25	06/13/19 16:44	2
PCB-1242	ND		0.12	0.076	ug/L		06/12/19 15:25	06/13/19 16:44	2
PCB-1248	ND		0.12	0.076	ug/L		06/12/19 15:25	06/13/19 16:44	2
PCB-1254	ND		0.12	0.062	ug/L		06/12/19 15:25	06/13/19 16:44	2
PCB-1260	ND		0.12	0.062	ug/L		06/12/19 15:25	06/13/19 16:44	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		36 - 121	06/12/19 15:25	06/13/19 16:44	2
DCB Decachlorobiphenyl	74		36 - 121	06/12/19 15:25	06/13/19 16:44	2
Tetrachloro-m-xylene	88		42 - 135	06/12/19 15:25	06/13/19 16:44	2
Tetrachloro-m-xylene	71		42 - 135	06/12/19 15:25	06/13/19 16:44	2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/12/19 09:24	06/18/19 17:15	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 09:24	06/18/19 17:15	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 09:24	06/18/19 17:15	1
Barium	0.14	F1	0.0020	0.00070	mg/L		06/12/19 09:24	06/18/19 17:15	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 09:24	06/18/19 17:15	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 09:24	06/18/19 17:15	1
Calcium	104		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:15	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 09:24	06/18/19 17:15	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 09:24	06/18/19 17:15	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 09:24	06/18/19 17:15	1
Iron	0.73		0.050	0.019	mg/L		06/12/19 09:24	06/18/19 17:15	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 09:24	06/18/19 17:15	1
Magnesium	56.6		0.20	0.043	mg/L		06/12/19 09:24	06/18/19 17:15	1
Manganese	0.064		0.0030	0.00040	mg/L		06/12/19 09:24	06/18/19 17:15	1
Nickel	ND		0.010	0.0013	mg/L		06/12/19 09:24	06/18/19 17:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-29

Lab Sample ID: 480-154729-6

Date Collected: 06/10/19 15:40

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	6.6		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:15	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 09:24	06/18/19 17:15	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 09:24	06/18/19 17:15	1
Sodium	35.2	F1	1.0	0.32	mg/L		06/12/19 09:24	06/18/19 17:15	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 09:24	06/18/19 17:15	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 09:24	06/18/19 17:15	1
Zinc	ND		0.010	0.0015	mg/L		06/12/19 09:24	06/18/19 17:15	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 14:36	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-08A

Lab Sample ID: 480-154729-7

Date Collected: 06/10/19 10:45

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/12/19 23:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/12/19 23:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/12/19 23:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/12/19 23:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/12/19 23:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/12/19 23:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/12/19 23:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/12/19 23:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/12/19 23:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/12/19 23:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/12/19 23:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/12/19 23:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/12/19 23:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/12/19 23:24	1
2-Hexanone	ND		5.0	1.2	ug/L			06/12/19 23:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/12/19 23:24	1
Acetone	ND		10	3.0	ug/L			06/12/19 23:24	1
Benzene	ND		1.0	0.41	ug/L			06/12/19 23:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/12/19 23:24	1
Bromoform	ND		1.0	0.26	ug/L			06/12/19 23:24	1
Bromomethane	ND		1.0	0.69	ug/L			06/12/19 23:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/12/19 23:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/12/19 23:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/12/19 23:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/12/19 23:24	1
Chloroethane	ND		1.0	0.32	ug/L			06/12/19 23:24	1
Chloroform	ND		1.0	0.34	ug/L			06/12/19 23:24	1
Chloromethane	ND		1.0	0.35	ug/L			06/12/19 23:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/12/19 23:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/12/19 23:24	1
Cyclohexane	1.6		1.0	0.18	ug/L			06/12/19 23:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/12/19 23:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/12/19 23:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/12/19 23:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/12/19 23:24	1
Methyl acetate	ND		2.5	1.3	ug/L			06/12/19 23:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/12/19 23:24	1
Methylcyclohexane	3.5		1.0	0.16	ug/L			06/12/19 23:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/12/19 23:24	1
Styrene	ND		1.0	0.73	ug/L			06/12/19 23:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/12/19 23:24	1
Toluene	ND		1.0	0.51	ug/L			06/12/19 23:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/12/19 23:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/12/19 23:24	1
Trichloroethene	ND		1.0	0.46	ug/L			06/12/19 23:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/12/19 23:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/12/19 23:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/12/19 23:24	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-08A

Lab Sample ID: 480-154729-7

Date Collected: 06/10/19 10:45

Matrix: Water

Date Received: 06/11/19 19:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/12/19 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120					06/12/19 23:24	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					06/12/19 23:24	1
4-Bromofluorobenzene (Surr)	104		73 - 120					06/12/19 23:24	1
Dibromofluoromethane (Surr)	100		75 - 123					06/12/19 23:24	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:58	06/13/19 23:06	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:58	06/13/19 23:06	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 23:06	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:58	06/13/19 23:06	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 23:06	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:58	06/13/19 23:06	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 23:06	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 23:06	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 23:06	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 23:06	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:58	06/13/19 23:06	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 23:06	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:58	06/13/19 23:06	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:58	06/13/19 23:06	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 23:06	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 23:06	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:58	06/13/19 23:06	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 23:06	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 23:06	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 23:06	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 23:06	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 23:06	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:58	06/13/19 23:06	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:58	06/13/19 23:06	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:58	06/13/19 23:06	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:58	06/13/19 23:06	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:58	06/13/19 23:06	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 23:06	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:58	06/13/19 23:06	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 23:06	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:58	06/13/19 23:06	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 23:06	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 23:06	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 23:06	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 23:06	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:58	06/13/19 23:06	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 23:06	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 23:06	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 23:06	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:58	06/13/19 23:06	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-08A

Lab Sample ID: 480-154729-7

Date Collected: 06/10/19 10:45

Matrix: Water

Date Received: 06/11/19 19:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 23:06	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:58	06/13/19 23:06	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:58	06/13/19 23:06	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:58	06/13/19 23:06	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:58	06/13/19 23:06	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 23:06	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:58	06/13/19 23:06	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:58	06/13/19 23:06	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 23:06	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 23:06	1
Fluorene	0.57	J B	5.0	0.36	ug/L		06/12/19 06:58	06/13/19 23:06	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 23:06	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:58	06/13/19 23:06	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 23:06	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 23:06	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 23:06	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:58	06/13/19 23:06	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 23:06	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 23:06	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:58	06/13/19 23:06	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:58	06/13/19 23:06	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 23:06	1
Phenanthrene	2.1	J B	5.0	0.44	ug/L		06/12/19 06:58	06/13/19 23:06	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:58	06/13/19 23:06	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	71		46 - 120	06/12/19 06:58	06/13/19 23:06	1
Phenol-d5 (Surr)	49		22 - 120	06/12/19 06:58	06/13/19 23:06	1
p-Terphenyl-d14 (Surr)	87		59 - 136	06/12/19 06:58	06/13/19 23:06	1
2,4,6-Tribromophenol (Surr)	76		41 - 120	06/12/19 06:58	06/13/19 23:06	1
2-Fluorobiphenyl	82		48 - 120	06/12/19 06:58	06/13/19 23:06	1
2-Fluorophenol (Surr)	59		35 - 120	06/12/19 06:58	06/13/19 23:06	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0077	ug/L		06/12/19 09:51	06/13/19 14:22	1
alpha-BHC	ND		0.048	0.0073	ug/L		06/12/19 09:51	06/13/19 14:22	1
beta-BHC	ND		0.048	0.024	ug/L		06/12/19 09:51	06/13/19 14:22	1
delta-BHC	ND		0.048	0.0095	ug/L		06/12/19 09:51	06/13/19 14:22	1
gamma-BHC (Lindane)	ND		0.048	0.0076	ug/L		06/12/19 09:51	06/13/19 14:22	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/12/19 09:51	06/13/19 14:22	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/12/19 09:51	06/13/19 14:22	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/12/19 09:51	06/13/19 14:22	1
4,4'-DDT	ND		0.048	0.010	ug/L		06/12/19 09:51	06/13/19 14:22	1
Dieldrin	ND		0.048	0.0093	ug/L		06/12/19 09:51	06/13/19 14:22	1
Endosulfan I	ND		0.048	0.010	ug/L		06/12/19 09:51	06/13/19 14:22	1
Endosulfan II	ND		0.048	0.011	ug/L		06/12/19 09:51	06/13/19 14:22	1
Endosulfan sulfate	ND	*	0.048	0.015	ug/L		06/12/19 09:51	06/13/19 14:22	1
Endrin	ND		0.048	0.013	ug/L		06/12/19 09:51	06/13/19 14:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-08A

Lab Sample ID: 480-154729-7

Date Collected: 06/10/19 10:45

Matrix: Water

Date Received: 06/11/19 19:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.048	0.016	ug/L		06/12/19 09:51	06/13/19 14:22	1
Heptachlor	ND		0.048	0.0081	ug/L		06/12/19 09:51	06/13/19 14:22	1
Heptachlor epoxide	ND		0.048	0.0070	ug/L		06/12/19 09:51	06/13/19 14:22	1
Toxaphene	ND		0.48	0.11	ug/L		06/12/19 09:51	06/13/19 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		23 - 120	06/12/19 09:51	06/13/19 14:22	1
DCB Decachlorobiphenyl	66		23 - 120	06/12/19 09:51	06/13/19 14:22	1
Tetrachloro-m-xylene	74		44 - 120	06/12/19 09:51	06/13/19 14:22	1
Tetrachloro-m-xylene	57		44 - 120	06/12/19 09:51	06/13/19 14:22	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:14	1
PCB-1221	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:14	1
PCB-1232	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:14	1
PCB-1242	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:14	1
PCB-1248	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:14	1
PCB-1254	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 18:14	1
PCB-1260	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		36 - 121	06/12/19 15:25	06/13/19 18:14	1
DCB Decachlorobiphenyl	88		36 - 121	06/12/19 15:25	06/13/19 18:14	1
Tetrachloro-m-xylene	106		42 - 135	06/12/19 15:25	06/13/19 18:14	1
Tetrachloro-m-xylene	90		42 - 135	06/12/19 15:25	06/13/19 18:14	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.49		0.20	0.060	mg/L		06/12/19 09:24	06/18/19 17:36	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 09:24	06/18/19 17:36	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 09:24	06/18/19 17:36	1
Barium	2.9		0.0020	0.00070	mg/L		06/12/19 09:24	06/18/19 17:36	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 09:24	06/18/19 17:36	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 09:24	06/18/19 17:36	1
Calcium	159		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:36	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 09:24	06/18/19 17:36	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 09:24	06/18/19 17:36	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 09:24	06/18/19 17:36	1
Iron	1.8		0.050	0.019	mg/L		06/12/19 09:24	06/18/19 17:36	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 09:24	06/18/19 17:36	1
Magnesium	55.7		0.20	0.043	mg/L		06/12/19 09:24	06/18/19 17:36	1
Manganese	0.099		0.0030	0.00040	mg/L		06/12/19 09:24	06/18/19 17:36	1
Nickel	ND		0.010	0.0013	mg/L		06/12/19 09:24	06/18/19 17:36	1
Potassium	6.2		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:36	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 09:24	06/18/19 17:36	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 09:24	06/18/19 17:36	1
Sodium	227		1.0	0.32	mg/L		06/12/19 09:24	06/18/19 17:36	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 09:24	06/18/19 17:36	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 09:24	06/18/19 17:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-08A

Lab Sample ID: 480-154729-7

Date Collected: 06/10/19 10:45

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/12/19 09:24	06/18/19 17:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 14:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.010	0.0050	mg/L			06/11/19 09:31	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-11

Lab Sample ID: 480-154729-8

Date Collected: 06/10/19 15:45

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			06/13/19 11:14	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			06/13/19 11:14	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			06/13/19 11:14	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			06/13/19 11:14	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			06/13/19 11:14	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			06/13/19 11:14	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			06/13/19 11:14	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			06/13/19 11:14	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			06/13/19 11:14	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			06/13/19 11:14	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			06/13/19 11:14	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			06/13/19 11:14	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			06/13/19 11:14	2
2-Butanone (MEK)	ND		20	2.6	ug/L			06/13/19 11:14	2
2-Hexanone	ND		10	2.5	ug/L			06/13/19 11:14	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			06/13/19 11:14	2
Acetone	ND		20	6.0	ug/L			06/13/19 11:14	2
Benzene	ND		2.0	0.82	ug/L			06/13/19 11:14	2
Bromodichloromethane	ND		2.0	0.78	ug/L			06/13/19 11:14	2
Bromoform	ND		2.0	0.52	ug/L			06/13/19 11:14	2
Bromomethane	ND		2.0	1.4	ug/L			06/13/19 11:14	2
Carbon disulfide	ND		2.0	0.38	ug/L			06/13/19 11:14	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			06/13/19 11:14	2
Chlorobenzene	ND		2.0	1.5	ug/L			06/13/19 11:14	2
Dibromochloromethane	ND		2.0	0.64	ug/L			06/13/19 11:14	2
Chloroethane	ND		2.0	0.64	ug/L			06/13/19 11:14	2
Chloroform	ND		2.0	0.68	ug/L			06/13/19 11:14	2
Chloromethane	ND		2.0	0.70	ug/L			06/13/19 11:14	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			06/13/19 11:14	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			06/13/19 11:14	2
Cyclohexane	ND		2.0	0.36	ug/L			06/13/19 11:14	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			06/13/19 11:14	2
Ethylbenzene	ND		2.0	1.5	ug/L			06/13/19 11:14	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			06/13/19 11:14	2
Isopropylbenzene	ND		2.0	1.6	ug/L			06/13/19 11:14	2
Methyl acetate	ND		5.0	2.6	ug/L			06/13/19 11:14	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			06/13/19 11:14	2
Methylcyclohexane	ND		2.0	0.32	ug/L			06/13/19 11:14	2
Methylene Chloride	ND		2.0	0.88	ug/L			06/13/19 11:14	2
Styrene	ND		2.0	1.5	ug/L			06/13/19 11:14	2
Tetrachloroethene	ND		2.0	0.72	ug/L			06/13/19 11:14	2
Toluene	ND		2.0	1.0	ug/L			06/13/19 11:14	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			06/13/19 11:14	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			06/13/19 11:14	2
Trichloroethene	ND		2.0	0.92	ug/L			06/13/19 11:14	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			06/13/19 11:14	2
Vinyl chloride	ND		2.0	1.8	ug/L			06/13/19 11:14	2
Xylenes, Total	ND		4.0	1.3	ug/L			06/13/19 11:14	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-11

Lab Sample ID: 480-154729-8

Date Collected: 06/10/19 15:45

Matrix: Water

Date Received: 06/11/19 19:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/13/19 11:14	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120					06/13/19 11:14	2
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					06/13/19 11:14	2
4-Bromofluorobenzene (Surr)	109		73 - 120					06/13/19 11:14	2
Dibromofluoromethane (Surr)	101		75 - 123					06/13/19 11:14	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:58	06/13/19 23:35	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:58	06/13/19 23:35	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 23:35	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:58	06/13/19 23:35	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 23:35	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:58	06/13/19 23:35	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 23:35	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 23:35	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 23:35	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 23:35	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:58	06/13/19 23:35	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 23:35	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:58	06/13/19 23:35	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:58	06/13/19 23:35	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 23:35	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 23:35	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:58	06/13/19 23:35	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 23:35	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 23:35	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 23:35	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 23:35	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 23:35	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:58	06/13/19 23:35	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:58	06/13/19 23:35	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:58	06/13/19 23:35	1
Acenaphthene	0.45	J	5.0	0.41	ug/L		06/12/19 06:58	06/13/19 23:35	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:58	06/13/19 23:35	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 23:35	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:58	06/13/19 23:35	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 23:35	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:58	06/13/19 23:35	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 23:35	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 23:35	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 23:35	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 23:35	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:58	06/13/19 23:35	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 23:35	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 23:35	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 23:35	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:58	06/13/19 23:35	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-11

Lab Sample ID: 480-154729-8

Date Collected: 06/10/19 15:45

Matrix: Water

Date Received: 06/11/19 19:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 23:35	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:58	06/13/19 23:35	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:58	06/13/19 23:35	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:58	06/13/19 23:35	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:58	06/13/19 23:35	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 23:35	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:58	06/13/19 23:35	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:58	06/13/19 23:35	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 23:35	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 23:35	1
Fluorene	0.70	J B	5.0	0.36	ug/L		06/12/19 06:58	06/13/19 23:35	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 23:35	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:58	06/13/19 23:35	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 23:35	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 23:35	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 23:35	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:58	06/13/19 23:35	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 23:35	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 23:35	1
Naphthalene	0.84	J	5.0	0.76	ug/L		06/12/19 06:58	06/13/19 23:35	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:58	06/13/19 23:35	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 23:35	1
Phenanthrene	2.5	J B	5.0	0.44	ug/L		06/12/19 06:58	06/13/19 23:35	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:58	06/13/19 23:35	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	73		46 - 120	06/12/19 06:58	06/13/19 23:35	1
Phenol-d5 (Surr)	50		22 - 120	06/12/19 06:58	06/13/19 23:35	1
p-Terphenyl-d14 (Surr)	90		59 - 136	06/12/19 06:58	06/13/19 23:35	1
2,4,6-Tribromophenol (Surr)	86		41 - 120	06/12/19 06:58	06/13/19 23:35	1
2-Fluorobiphenyl	82		48 - 120	06/12/19 06:58	06/13/19 23:35	1
2-Fluorophenol (Surr)	61		35 - 120	06/12/19 06:58	06/13/19 23:35	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.049	0.0079	ug/L		06/12/19 09:51	06/13/19 14:41	1
alpha-BHC	ND		0.049	0.0075	ug/L		06/12/19 09:51	06/13/19 14:41	1
beta-BHC	ND		0.049	0.024	ug/L		06/12/19 09:51	06/13/19 14:41	1
delta-BHC	ND		0.049	0.0098	ug/L		06/12/19 09:51	06/13/19 14:41	1
gamma-BHC (Lindane)	ND		0.049	0.0078	ug/L		06/12/19 09:51	06/13/19 14:41	1
Chlordane (technical)	ND		0.49	0.28	ug/L		06/12/19 09:51	06/13/19 14:41	1
4,4'-DDD	ND		0.049	0.0090	ug/L		06/12/19 09:51	06/13/19 14:41	1
4,4'-DDE	ND		0.049	0.011	ug/L		06/12/19 09:51	06/13/19 14:41	1
4,4'-DDT	ND		0.049	0.011	ug/L		06/12/19 09:51	06/13/19 14:41	1
Dieldrin	ND		0.049	0.0096	ug/L		06/12/19 09:51	06/13/19 14:41	1
Endosulfan I	ND		0.049	0.011	ug/L		06/12/19 09:51	06/13/19 14:41	1
Endosulfan II	ND		0.049	0.012	ug/L		06/12/19 09:51	06/13/19 14:41	1
Endosulfan sulfate	ND	*	0.049	0.015	ug/L		06/12/19 09:51	06/13/19 14:41	1
Endrin	ND		0.049	0.014	ug/L		06/12/19 09:51	06/13/19 14:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-11

Lab Sample ID: 480-154729-8

Date Collected: 06/10/19 15:45

Matrix: Water

Date Received: 06/11/19 19:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.049	0.016	ug/L		06/12/19 09:51	06/13/19 14:41	1
Heptachlor	ND		0.049	0.0083	ug/L		06/12/19 09:51	06/13/19 14:41	1
Heptachlor epoxide	ND		0.049	0.0073	ug/L		06/12/19 09:51	06/13/19 14:41	1
Toxaphene	ND		0.49	0.12	ug/L		06/12/19 09:51	06/13/19 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		23 - 120				06/12/19 09:51	06/13/19 14:41	1
DCB Decachlorobiphenyl	58		23 - 120				06/12/19 09:51	06/13/19 14:41	1
Tetrachloro-m-xylene	76		44 - 120				06/12/19 09:51	06/13/19 14:41	1
Tetrachloro-m-xylene	58		44 - 120				06/12/19 09:51	06/13/19 14:41	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:27	1
PCB-1221	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:27	1
PCB-1232	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:27	1
PCB-1242	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:27	1
PCB-1248	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:27	1
PCB-1254	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 18:27	1
PCB-1260	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		36 - 121				06/12/19 15:25	06/13/19 18:27	1
DCB Decachlorobiphenyl	97		36 - 121				06/12/19 15:25	06/13/19 18:27	1
Tetrachloro-m-xylene	98		42 - 135				06/12/19 15:25	06/13/19 18:27	1
Tetrachloro-m-xylene	77		42 - 135				06/12/19 15:25	06/13/19 18:27	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/12/19 09:24	06/18/19 17:40	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 09:24	06/18/19 17:40	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 09:24	06/18/19 17:40	1
Barium	0.30		0.0020	0.00070	mg/L		06/12/19 09:24	06/18/19 17:40	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 09:24	06/18/19 17:40	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 09:24	06/18/19 17:40	1
Calcium	166		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:40	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 09:24	06/18/19 17:40	1
Cobalt	0.00082	J	0.0040	0.00063	mg/L		06/12/19 09:24	06/18/19 17:40	1
Copper	0.0016	J	0.010	0.0016	mg/L		06/12/19 09:24	06/18/19 17:40	1
Iron	8.3		0.050	0.019	mg/L		06/12/19 09:24	06/18/19 17:40	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 09:24	06/18/19 17:40	1
Magnesium	20.8		0.20	0.043	mg/L		06/12/19 09:24	06/18/19 17:40	1
Manganese	1.4		0.0030	0.00040	mg/L		06/12/19 09:24	06/18/19 17:40	1
Nickel	0.018		0.010	0.0013	mg/L		06/12/19 09:24	06/18/19 17:40	1
Potassium	2.3		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:40	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 09:24	06/18/19 17:40	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 09:24	06/18/19 17:40	1
Sodium	7.6		1.0	0.32	mg/L		06/12/19 09:24	06/18/19 17:40	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 09:24	06/18/19 17:40	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 09:24	06/18/19 17:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-11

Lab Sample ID: 480-154729-8

Date Collected: 06/10/19 15:45

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/12/19 09:24	06/18/19 17:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 14:39	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-18

Lab Sample ID: 480-154729-9

Date Collected: 06/10/19 13:00

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/12/19 12:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/12/19 12:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/12/19 12:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/12/19 12:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/12/19 12:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/12/19 12:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/12/19 12:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/12/19 12:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/12/19 12:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/12/19 12:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/12/19 12:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/12/19 12:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/12/19 12:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/12/19 12:45	1
2-Hexanone	ND		5.0	1.2	ug/L			06/12/19 12:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/12/19 12:45	1
Acetone	ND		10	3.0	ug/L			06/12/19 12:45	1
Benzene	ND		1.0	0.41	ug/L			06/12/19 12:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/12/19 12:45	1
Bromoform	ND		1.0	0.26	ug/L			06/12/19 12:45	1
Bromomethane	ND		1.0	0.69	ug/L			06/12/19 12:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/12/19 12:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/12/19 12:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/12/19 12:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/12/19 12:45	1
Chloroethane	ND		1.0	0.32	ug/L			06/12/19 12:45	1
Chloroform	ND		1.0	0.34	ug/L			06/12/19 12:45	1
Chloromethane	ND		1.0	0.35	ug/L			06/12/19 12:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/12/19 12:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/12/19 12:45	1
Cyclohexane	ND		1.0	0.18	ug/L			06/12/19 12:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/12/19 12:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/12/19 12:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/12/19 12:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/12/19 12:45	1
Methyl acetate	ND		2.5	1.3	ug/L			06/12/19 12:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/12/19 12:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/12/19 12:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/12/19 12:45	1
Styrene	ND		1.0	0.73	ug/L			06/12/19 12:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/12/19 12:45	1
Toluene	ND		1.0	0.51	ug/L			06/12/19 12:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/12/19 12:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/12/19 12:45	1
Trichloroethene	ND		1.0	0.46	ug/L			06/12/19 12:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/12/19 12:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/12/19 12:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/12/19 12:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-18

Lab Sample ID: 480-154729-9

Date Collected: 06/10/19 13:00

Matrix: Water

Date Received: 06/11/19 19:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/12/19 12:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120					06/12/19 12:45	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					06/12/19 12:45	1
4-Bromofluorobenzene (Surr)	100		73 - 120					06/12/19 12:45	1
Dibromofluoromethane (Surr)	102		75 - 123					06/12/19 12:45	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:58	06/14/19 00:03	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:58	06/14/19 00:03	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/14/19 00:03	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:58	06/14/19 00:03	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:58	06/14/19 00:03	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:58	06/14/19 00:03	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/14/19 00:03	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:58	06/14/19 00:03	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/14/19 00:03	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:58	06/14/19 00:03	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:58	06/14/19 00:03	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:58	06/14/19 00:03	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:58	06/14/19 00:03	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:58	06/14/19 00:03	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/14/19 00:03	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:58	06/14/19 00:03	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:58	06/14/19 00:03	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:58	06/14/19 00:03	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:58	06/14/19 00:03	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:58	06/14/19 00:03	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:58	06/14/19 00:03	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:58	06/14/19 00:03	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:58	06/14/19 00:03	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:58	06/14/19 00:03	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:58	06/14/19 00:03	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:58	06/14/19 00:03	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:58	06/14/19 00:03	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:58	06/14/19 00:03	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:58	06/14/19 00:03	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:58	06/14/19 00:03	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:58	06/14/19 00:03	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:58	06/14/19 00:03	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/14/19 00:03	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/14/19 00:03	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:58	06/14/19 00:03	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:58	06/14/19 00:03	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:58	06/14/19 00:03	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:58	06/14/19 00:03	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:58	06/14/19 00:03	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:58	06/14/19 00:03	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-18

Lab Sample ID: 480-154729-9

Date Collected: 06/10/19 13:00

Matrix: Water

Date Received: 06/11/19 19:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:58	06/14/19 00:03	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:58	06/14/19 00:03	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:58	06/14/19 00:03	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:58	06/14/19 00:03	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:58	06/14/19 00:03	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:58	06/14/19 00:03	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:58	06/14/19 00:03	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:58	06/14/19 00:03	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:58	06/14/19 00:03	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/14/19 00:03	1
Fluorene	0.55	J B	5.0	0.36	ug/L		06/12/19 06:58	06/14/19 00:03	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:58	06/14/19 00:03	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:58	06/14/19 00:03	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:58	06/14/19 00:03	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:58	06/14/19 00:03	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/14/19 00:03	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:58	06/14/19 00:03	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:58	06/14/19 00:03	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:58	06/14/19 00:03	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:58	06/14/19 00:03	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:58	06/14/19 00:03	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/14/19 00:03	1
Phenanthrene	2.1	J B	5.0	0.44	ug/L		06/12/19 06:58	06/14/19 00:03	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:58	06/14/19 00:03	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/14/19 00:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	67		46 - 120	06/12/19 06:58	06/14/19 00:03	1
Phenol-d5 (Surr)	46		22 - 120	06/12/19 06:58	06/14/19 00:03	1
p-Terphenyl-d14 (Surr)	101		59 - 136	06/12/19 06:58	06/14/19 00:03	1
2,4,6-Tribromophenol (Surr)	75		41 - 120	06/12/19 06:58	06/14/19 00:03	1
2-Fluorobiphenyl	76		48 - 120	06/12/19 06:58	06/14/19 00:03	1
2-Fluorophenol (Surr)	55		35 - 120	06/12/19 06:58	06/14/19 00:03	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.50	0.080	ug/L		06/12/19 09:51	06/13/19 16:00	10
alpha-BHC	ND		0.50	0.076	ug/L		06/12/19 09:51	06/13/19 16:00	10
beta-BHC	ND		0.50	0.25	ug/L		06/12/19 09:51	06/13/19 16:00	10
delta-BHC	ND		0.50	0.099	ug/L		06/12/19 09:51	06/13/19 16:00	10
gamma-BHC (Lindane)	ND		0.50	0.079	ug/L		06/12/19 09:51	06/13/19 16:00	10
Chlordane (technical)	ND		5.0	2.9	ug/L		06/12/19 09:51	06/13/19 16:00	10
4,4'-DDD	ND		0.50	0.091	ug/L		06/12/19 09:51	06/13/19 16:00	10
4,4'-DDE	ND		0.50	0.11	ug/L		06/12/19 09:51	06/13/19 16:00	10
4,4'-DDT	ND		0.50	0.11	ug/L		06/12/19 09:51	06/13/19 16:00	10
Dieldrin	ND		0.50	0.097	ug/L		06/12/19 09:51	06/13/19 16:00	10
Endosulfan I	ND		0.50	0.11	ug/L		06/12/19 09:51	06/13/19 16:00	10
Endosulfan II	ND		0.50	0.12	ug/L		06/12/19 09:51	06/13/19 16:00	10
Endosulfan sulfate	ND	*	0.50	0.16	ug/L		06/12/19 09:51	06/13/19 16:00	10
Endrin	ND		0.50	0.14	ug/L		06/12/19 09:51	06/13/19 16:00	10

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-18

Lab Sample ID: 480-154729-9

Date Collected: 06/10/19 13:00

Matrix: Water

Date Received: 06/11/19 19:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.50	0.16	ug/L		06/12/19 09:51	06/13/19 16:00	10
Heptachlor	ND		0.50	0.084	ug/L		06/12/19 09:51	06/13/19 16:00	10
Heptachlor epoxide	ND		0.50	0.073	ug/L		06/12/19 09:51	06/13/19 16:00	10
Toxaphene	ND		5.0	1.2	ug/L		06/12/19 09:51	06/13/19 16:00	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	109		23 - 120				06/12/19 09:51	06/13/19 16:00	10
DCB Decachlorobiphenyl	119		23 - 120				06/12/19 09:51	06/13/19 16:00	10
Tetrachloro-m-xylene	0	X	44 - 120				06/12/19 09:51	06/13/19 16:00	10
Tetrachloro-m-xylene	0	X	44 - 120				06/12/19 09:51	06/13/19 16:00	10

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:40	1
PCB-1221	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:40	1
PCB-1232	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:40	1
PCB-1242	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:40	1
PCB-1248	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:40	1
PCB-1254	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 18:40	1
PCB-1260	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	103		36 - 121				06/12/19 15:25	06/13/19 18:40	1
DCB Decachlorobiphenyl	103		36 - 121				06/12/19 15:25	06/13/19 18:40	1
Tetrachloro-m-xylene	77		42 - 135				06/12/19 15:25	06/13/19 18:40	1
Tetrachloro-m-xylene	60		42 - 135				06/12/19 15:25	06/13/19 18:40	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/12/19 09:24	06/18/19 17:44	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 09:24	06/18/19 17:44	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 09:24	06/18/19 17:44	1
Barium	0.099		0.0020	0.00070	mg/L		06/12/19 09:24	06/18/19 17:44	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 09:24	06/18/19 17:44	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 09:24	06/18/19 17:44	1
Calcium	220		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:44	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 09:24	06/18/19 17:44	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 09:24	06/18/19 17:44	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 09:24	06/18/19 17:44	1
Iron	0.41		0.050	0.019	mg/L		06/12/19 09:24	06/18/19 17:44	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 09:24	06/18/19 17:44	1
Magnesium	88.1		0.20	0.043	mg/L		06/12/19 09:24	06/18/19 17:44	1
Manganese	0.21		0.0030	0.00040	mg/L		06/12/19 09:24	06/18/19 17:44	1
Nickel	ND		0.010	0.0013	mg/L		06/12/19 09:24	06/18/19 17:44	1
Potassium	5.6		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:44	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 09:24	06/18/19 17:44	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 09:24	06/18/19 17:44	1
Sodium	288		1.0	0.32	mg/L		06/12/19 09:24	06/18/19 17:44	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 09:24	06/18/19 17:44	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 09:24	06/18/19 17:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-18

Lab Sample ID: 480-154729-9

Date Collected: 06/10/19 13:00

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/12/19 09:24	06/18/19 17:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 14:40	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: DUP-061019-3

Lab Sample ID: 480-154729-10

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/13/19 11:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/13/19 11:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/13/19 11:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/13/19 11:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/13/19 11:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/13/19 11:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/13/19 11:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/13/19 11:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/13/19 11:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/13/19 11:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/13/19 11:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/13/19 11:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/13/19 11:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/13/19 11:38	1
2-Hexanone	ND		5.0	1.2	ug/L			06/13/19 11:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/13/19 11:38	1
Acetone	ND		10	3.0	ug/L			06/13/19 11:38	1
Benzene	ND		1.0	0.41	ug/L			06/13/19 11:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/13/19 11:38	1
Bromoform	ND		1.0	0.26	ug/L			06/13/19 11:38	1
Bromomethane	ND		1.0	0.69	ug/L			06/13/19 11:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/13/19 11:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/13/19 11:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/13/19 11:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/13/19 11:38	1
Chloroethane	ND		1.0	0.32	ug/L			06/13/19 11:38	1
Chloroform	ND		1.0	0.34	ug/L			06/13/19 11:38	1
Chloromethane	ND		1.0	0.35	ug/L			06/13/19 11:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/13/19 11:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/13/19 11:38	1
Cyclohexane	ND		1.0	0.18	ug/L			06/13/19 11:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/13/19 11:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/13/19 11:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/13/19 11:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/13/19 11:38	1
Methyl acetate	ND		2.5	1.3	ug/L			06/13/19 11:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/13/19 11:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/13/19 11:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/13/19 11:38	1
Styrene	ND		1.0	0.73	ug/L			06/13/19 11:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/13/19 11:38	1
Toluene	ND		1.0	0.51	ug/L			06/13/19 11:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/13/19 11:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/13/19 11:38	1
Trichloroethene	ND		1.0	0.46	ug/L			06/13/19 11:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/13/19 11:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/13/19 11:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/13/19 11:38	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: DUP-061019-3

Lab Sample ID: 480-154729-10

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/13/19 11:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120					06/13/19 11:38	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					06/13/19 11:38	1
4-Bromofluorobenzene (Surr)	106		73 - 120					06/13/19 11:38	1
Dibromofluoromethane (Surr)	99		75 - 123					06/13/19 11:38	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.19	0.095	ug/L		06/14/19 06:48	06/14/19 22:12	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	26		15 - 110				06/14/19 06:48	06/14/19 22:12	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:58	06/14/19 00:32	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:58	06/14/19 00:32	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/14/19 00:32	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:58	06/14/19 00:32	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:58	06/14/19 00:32	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:58	06/14/19 00:32	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/14/19 00:32	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:58	06/14/19 00:32	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/14/19 00:32	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:58	06/14/19 00:32	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:58	06/14/19 00:32	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:58	06/14/19 00:32	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:58	06/14/19 00:32	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:58	06/14/19 00:32	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/14/19 00:32	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:58	06/14/19 00:32	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:58	06/14/19 00:32	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:58	06/14/19 00:32	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:58	06/14/19 00:32	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:58	06/14/19 00:32	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:58	06/14/19 00:32	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:58	06/14/19 00:32	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:58	06/14/19 00:32	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:58	06/14/19 00:32	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:58	06/14/19 00:32	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:58	06/14/19 00:32	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:58	06/14/19 00:32	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:58	06/14/19 00:32	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:58	06/14/19 00:32	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:58	06/14/19 00:32	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:58	06/14/19 00:32	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:58	06/14/19 00:32	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/14/19 00:32	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/14/19 00:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: DUP-061019-3

Lab Sample ID: 480-154729-10

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:58	06/14/19 00:32	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:58	06/14/19 00:32	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:58	06/14/19 00:32	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:58	06/14/19 00:32	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:58	06/14/19 00:32	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:58	06/14/19 00:32	1
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:58	06/14/19 00:32	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:58	06/14/19 00:32	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:58	06/14/19 00:32	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:58	06/14/19 00:32	1
Di-n-butyl phthalate	0.62	J	5.0	0.31	ug/L		06/12/19 06:58	06/14/19 00:32	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:58	06/14/19 00:32	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:58	06/14/19 00:32	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:58	06/14/19 00:32	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:58	06/14/19 00:32	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/14/19 00:32	1
Fluorene	0.54	J B	5.0	0.36	ug/L		06/12/19 06:58	06/14/19 00:32	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:58	06/14/19 00:32	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:58	06/14/19 00:32	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:58	06/14/19 00:32	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:58	06/14/19 00:32	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/14/19 00:32	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:58	06/14/19 00:32	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:58	06/14/19 00:32	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:58	06/14/19 00:32	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:58	06/14/19 00:32	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:58	06/14/19 00:32	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/14/19 00:32	1
Phenanthrene	2.0	J B	5.0	0.44	ug/L		06/12/19 06:58	06/14/19 00:32	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:58	06/14/19 00:32	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/14/19 00:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	79		46 - 120	06/12/19 06:58	06/14/19 00:32	1
Phenol-d5 (Surr)	53		22 - 120	06/12/19 06:58	06/14/19 00:32	1
p-Terphenyl-d14 (Surr)	92		59 - 136	06/12/19 06:58	06/14/19 00:32	1
2,4,6-Tribromophenol (Surr)	56		41 - 120	06/12/19 06:58	06/14/19 00:32	1
2-Fluorobiphenyl	89		48 - 120	06/12/19 06:58	06/14/19 00:32	1
2-Fluorophenol (Surr)	65		35 - 120	06/12/19 06:58	06/14/19 00:32	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.048	0.0078	ug/L		06/12/19 09:51	06/13/19 15:21	1
alpha-BHC	ND		0.048	0.0074	ug/L		06/12/19 09:51	06/13/19 15:21	1
beta-BHC	ND		0.048	0.024	ug/L		06/12/19 09:51	06/13/19 15:21	1
delta-BHC	ND		0.048	0.0096	ug/L		06/12/19 09:51	06/13/19 15:21	1
gamma-BHC (Lindane)	ND		0.048	0.0077	ug/L		06/12/19 09:51	06/13/19 15:21	1
Chlordane (technical)	ND		0.48	0.28	ug/L		06/12/19 09:51	06/13/19 15:21	1
4,4'-DDD	ND		0.048	0.0088	ug/L		06/12/19 09:51	06/13/19 15:21	1
4,4'-DDE	ND		0.048	0.011	ug/L		06/12/19 09:51	06/13/19 15:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: DUP-061019-3

Lab Sample ID: 480-154729-10

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		0.048	0.011	ug/L		06/12/19 09:51	06/13/19 15:21	1
Dieldrin	ND		0.048	0.0094	ug/L		06/12/19 09:51	06/13/19 15:21	1
Endosulfan I	ND		0.048	0.011	ug/L		06/12/19 09:51	06/13/19 15:21	1
Endosulfan II	ND		0.048	0.012	ug/L		06/12/19 09:51	06/13/19 15:21	1
Endosulfan sulfate	ND	*	0.048	0.015	ug/L		06/12/19 09:51	06/13/19 15:21	1
Endrin	ND		0.048	0.013	ug/L		06/12/19 09:51	06/13/19 15:21	1
Endrin aldehyde	ND		0.048	0.016	ug/L		06/12/19 09:51	06/13/19 15:21	1
Heptachlor	ND		0.048	0.0082	ug/L		06/12/19 09:51	06/13/19 15:21	1
Heptachlor epoxide	ND		0.048	0.0071	ug/L		06/12/19 09:51	06/13/19 15:21	1
Toxaphene	ND		0.48	0.12	ug/L		06/12/19 09:51	06/13/19 15:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		23 - 120	06/12/19 09:51	06/13/19 15:21	1
DCB Decachlorobiphenyl	75		23 - 120	06/12/19 09:51	06/13/19 15:21	1
Tetrachloro-m-xylene	73		44 - 120	06/12/19 09:51	06/13/19 15:21	1
Tetrachloro-m-xylene	62		44 - 120	06/12/19 09:51	06/13/19 15:21	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:53	1
PCB-1221	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:53	1
PCB-1232	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:53	1
PCB-1242	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:53	1
PCB-1248	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 18:53	1
PCB-1254	0.076	p	0.060	0.031	ug/L		06/12/19 15:25	06/13/19 18:53	1
PCB-1260	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		36 - 121	06/12/19 15:25	06/13/19 18:53	1
DCB Decachlorobiphenyl	88		36 - 121	06/12/19 15:25	06/13/19 18:53	1
Tetrachloro-m-xylene	101		42 - 135	06/12/19 15:25	06/13/19 18:53	1
Tetrachloro-m-xylene	79		42 - 135	06/12/19 15:25	06/13/19 18:53	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/12/19 09:24	06/18/19 17:48	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 09:24	06/18/19 17:48	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 09:24	06/18/19 17:48	1
Barium	0.044		0.0020	0.00070	mg/L		06/12/19 09:24	06/18/19 17:48	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 09:24	06/18/19 17:48	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 09:24	06/18/19 17:48	1
Calcium	122		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:48	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 09:24	06/18/19 17:48	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 09:24	06/18/19 17:48	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 09:24	06/18/19 17:48	1
Iron	1.5		0.050	0.019	mg/L		06/12/19 09:24	06/18/19 17:48	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 09:24	06/18/19 17:48	1
Magnesium	52.4		0.20	0.043	mg/L		06/12/19 09:24	06/18/19 17:48	1
Manganese	0.38		0.0030	0.00040	mg/L		06/12/19 09:24	06/18/19 17:48	1
Nickel	ND		0.010	0.0013	mg/L		06/12/19 09:24	06/18/19 17:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: DUP-061019-3

Lab Sample ID: 480-154729-10

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	6.0		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 17:48	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 09:24	06/18/19 17:48	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 09:24	06/18/19 17:48	1
Sodium	45.8		1.0	0.32	mg/L		06/12/19 09:24	06/18/19 17:48	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 09:24	06/18/19 17:48	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 09:24	06/18/19 17:48	1
Zinc	0.0016	J	0.010	0.0015	mg/L		06/12/19 09:24	06/18/19 17:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 14:50	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-154729-11

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/12/19 13:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/12/19 13:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/12/19 13:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/12/19 13:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/12/19 13:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/12/19 13:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/12/19 13:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/12/19 13:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/12/19 13:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/12/19 13:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/12/19 13:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/12/19 13:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/12/19 13:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/12/19 13:09	1
2-Hexanone	ND		5.0	1.2	ug/L			06/12/19 13:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/12/19 13:09	1
Acetone	ND		10	3.0	ug/L			06/12/19 13:09	1
Benzene	ND		1.0	0.41	ug/L			06/12/19 13:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/12/19 13:09	1
Bromoform	ND		1.0	0.26	ug/L			06/12/19 13:09	1
Bromomethane	ND		1.0	0.69	ug/L			06/12/19 13:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/12/19 13:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/12/19 13:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/12/19 13:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/12/19 13:09	1
Chloroethane	ND		1.0	0.32	ug/L			06/12/19 13:09	1
Chloroform	ND		1.0	0.34	ug/L			06/12/19 13:09	1
Chloromethane	ND		1.0	0.35	ug/L			06/12/19 13:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/12/19 13:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/12/19 13:09	1
Cyclohexane	ND		1.0	0.18	ug/L			06/12/19 13:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/12/19 13:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/12/19 13:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/12/19 13:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/12/19 13:09	1
Methyl acetate	ND		2.5	1.3	ug/L			06/12/19 13:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/12/19 13:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/12/19 13:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/12/19 13:09	1
Styrene	ND		1.0	0.73	ug/L			06/12/19 13:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/12/19 13:09	1
Toluene	ND		1.0	0.51	ug/L			06/12/19 13:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/12/19 13:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/12/19 13:09	1
Trichloroethene	ND		1.0	0.46	ug/L			06/12/19 13:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/12/19 13:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/12/19 13:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/12/19 13:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-154729-11

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>06/12/19 13:09</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	<i>97</i>		<i>80 - 120</i>					<i>06/12/19 13:09</i>	<i>1</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>103</i>		<i>77 - 120</i>					<i>06/12/19 13:09</i>	<i>1</i>
<i>4-Bromofluorobenzene (Surr)</i>	<i>101</i>		<i>73 - 120</i>					<i>06/12/19 13:09</i>	<i>1</i>
<i>Dibromofluoromethane (Surr)</i>	<i>102</i>		<i>75 - 123</i>					<i>06/12/19 13:09</i>	<i>1</i>

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-154729-1	TW-5A	96	94	105	98
480-154729-2	LAE-4	90	100	98	105
480-154729-3	MW-6	93	107	105	103
480-154729-3 MS	MW-6	96	108	99	106
480-154729-3 MSD	MW-6	98	101	98	101
480-154729-4	DUP-061019-2	94	96	100	101
480-154729-5	RFI-27	95	96	101	101
480-154729-6	RFI-29	94	100	99	101
480-154729-6 MS	RFI-29	97	105	98	102
480-154729-6 MSD	RFI-29	99	96	100	98
480-154729-7	RFI-08A	97	101	104	100
480-154729-8	RFI-11	96	101	109	101
480-154729-9	RFI-18	95	99	100	102
480-154729-10	DUP-061019-3	93	101	106	99
480-154729-11	TRIP BLANK	97	103	101	102
LCS 480-477323/5	Lab Control Sample	94	101	99	102
LCS 480-477516/5	Lab Control Sample	97	98	98	105
LCS 480-477537/5	Lab Control Sample	98	103	103	97
LCS 480-477714/5	Lab Control Sample	99	97	99	98
MB 480-477323/7	Method Blank	97	97	104	103
MB 480-477516/7	Method Blank	96	101	103	100
MB 480-477537/7	Method Blank	97	99	105	96
MB 480-477714/7	Method Blank	95	102	99	104

Surrogate Legend

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (46-120)	PHL (22-120)	TPHd14 (59-136)	TBP (41-120)	FBP (48-120)	2FP (35-120)
480-154729-1	TW-5A	79	53	69	85	88	67
480-154729-2	LAE-4	76	48	77	72	86	61
480-154729-3	MW-6	92	55	93	81	97	71
480-154729-3 MS	MW-6	89	59	94	90	91	72
480-154729-3 MSD	MW-6	92	58	94	90	93	73
480-154729-4	DUP-061019-2	78	53	86	64	84	66
480-154729-5	RFI-27	84	51	85	77	93	67
480-154729-6	RFI-29	70	44	93	67	77	56
480-154729-6 MS	RFI-29	82	53	92	89	85	63
480-154729-6 MSD	RFI-29	77	50	93	87	80	61
480-154729-7	RFI-08A	71	49	87	76	82	59
480-154729-8	RFI-11	73	50	90	86	82	61
480-154729-9	RFI-18	67	46	101	75	76	55
480-154729-10	DUP-061019-3	79	53	92	56	89	65

Eurofins TestAmerica, Buffalo

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (46-120)	PHL (22-120)	TPHd14 (59-136)	TBP (41-120)	FBP (48-120)	2FP (35-120)
LCS 480-477322/2-A	Lab Control Sample	91	60	101	91	95	75
MB 480-477322/1-A	Method Blank	84	51	99	60	91	63
Surrogate Legend							
NBZ = Nitrobenzene-d5 (Surr)							
PHL = Phenol-d5 (Surr)							
TPHd14 = p-Terphenyl-d14 (Surr)							
TBP = 2,4,6-Tribromophenol (Surr)							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol (Surr)							

Method: 608.3 - Organochlorine Pesticides in Water

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (23-120)	DCBP2 (23-120)	TCX1 (44-120)	TCX2 (44-120)
480-154729-1	TW-5A	46	44	71	74
480-154729-2	LAE-4	69	66	76	74
480-154729-3	MW-6	71	68	82	78
480-154729-3 MS	MW-6	65	62	81	78
480-154729-3 MSD	MW-6	68	63	78	76
480-154729-4	DUP-061019-2	91	86	83	74
480-154729-5	RFI-27	83	82	73	58
480-154729-6	RFI-29	73	69	72	74
480-154729-6 MS	RFI-29	72	68	69	68
480-154729-6 MSD	RFI-29	69	63	76	75
480-154729-7	RFI-08A	63	66	74	57
480-154729-8	RFI-11	60	58	76	58
480-154729-9	RFI-18	109	119	0 X	0 X
480-154729-10	DUP-061019-3	79	75	73	62
LCS 480-477362/2-A	Lab Control Sample	50	48	83	81
LCSD 480-477362/27-A	Lab Control Sample Dup	54	51	84	81
MB 480-477362/1-A	Method Blank	53	49	85	80
Surrogate Legend					
DCBP = DCB Decachlorobiphenyl					
TCX = Tetrachloro-m-xylene					

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (36-121)	DCBP2 (36-121)	TCX1 (42-135)	TCX2 (42-135)
480-154729-1	TW-5A	47	47	90	70
480-154729-2	LAE-4	84	90	92	80
480-154729-3	MW-6	93	95	111	84
480-154729-3 MS	MW-6	66	69	92	69
480-154729-3 MSD	MW-6	68	80	100	76
480-154729-4	DUP-061019-2	84	94	95	84
480-154729-5	RFI-27	92	94	91	74

Eurofins TestAmerica, Buffalo

Surrogate Summary

Client: New York State D.E.C.

Job ID: 480-154729-1

Project/Site: Altech Specialty Steel #907022

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (36-121)	DCBP2 (36-121)	TCX1 (42-135)	TCX2 (42-135)
480-154729-6	RFI-29	62	74	88	71
480-154729-6 MS	RFI-29	62	76	97	82
480-154729-6 MSD	RFI-29	65	68	88	70
480-154729-7	RFI-08A	87	88	106	90
480-154729-8	RFI-11	100	97	98	77
480-154729-9	RFI-18	103	103	77	60
480-154729-10	DUP-061019-3	86	88	101	79
LCS 480-477477/2-A	Lab Control Sample	54	57	106	81
MB 480-477477/1-A	Method Blank	50	56	95	81

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: MB 480-477323/7

Matrix: Water

Analysis Batch: 477323

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-Trichloroethane	ND		1.0	0.82	ug/L			06/12/19 10:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/12/19 10:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/12/19 10:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/12/19 10:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/12/19 10:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/12/19 10:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/12/19 10:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/12/19 10:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/12/19 10:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/12/19 10:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/12/19 10:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/12/19 10:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/12/19 10:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/12/19 10:02	1
2-Hexanone	ND		5.0	1.2	ug/L			06/12/19 10:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/12/19 10:02	1
Acetone	ND		10	3.0	ug/L			06/12/19 10:02	1
Benzene	ND		1.0	0.41	ug/L			06/12/19 10:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/12/19 10:02	1
Bromoform	ND		1.0	0.26	ug/L			06/12/19 10:02	1
Bromomethane	ND		1.0	0.69	ug/L			06/12/19 10:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/12/19 10:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/12/19 10:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/12/19 10:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/12/19 10:02	1
Chloroethane	ND		1.0	0.32	ug/L			06/12/19 10:02	1
Chloroform	ND		1.0	0.34	ug/L			06/12/19 10:02	1
Chloromethane	ND		1.0	0.35	ug/L			06/12/19 10:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/12/19 10:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/12/19 10:02	1
Cyclohexane	ND		1.0	0.18	ug/L			06/12/19 10:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/12/19 10:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/12/19 10:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/12/19 10:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/12/19 10:02	1
Methyl acetate	ND		2.5	1.3	ug/L			06/12/19 10:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/12/19 10:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/12/19 10:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/12/19 10:02	1
Styrene	ND		1.0	0.73	ug/L			06/12/19 10:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/12/19 10:02	1
Toluene	ND		1.0	0.51	ug/L			06/12/19 10:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/12/19 10:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/12/19 10:02	1
Trichloroethene	ND		1.0	0.46	ug/L			06/12/19 10:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/12/19 10:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/12/19 10:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/12/19 10:02	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: MB 480-477323/7

Matrix: Water

Analysis Batch: 477323

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Tentatively Identified Compound</i>	<i>MB</i> <i>Est. Result</i>	<i>MB</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		ug/L					06/12/19 10:02	1
<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Toluene-d8 (Surr)	97		80 - 120					06/12/19 10:02	1
1,2-Dichloroethane-d4 (Surr)	97		77 - 120					06/12/19 10:02	1
4-Bromofluorobenzene (Surr)	104		73 - 120					06/12/19 10:02	1
Dibromofluoromethane (Surr)	103		75 - 123					06/12/19 10:02	1

Lab Sample ID: LCS 480-477323/5

Matrix: Water

Analysis Batch: 477323

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1,1-Trichloroethane	25.0	23.7		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		92	76 - 120
1,1,2-Trichloroethane	25.0	21.6		ug/L		86	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	18.8		ug/L		75	61 - 148
1,1-Dichloroethane	25.0	22.3		ug/L		89	77 - 120
1,1-Dichloroethene	25.0	19.5		ug/L		78	66 - 127
1,2,4-Trichlorobenzene	25.0	22.2		ug/L		89	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.1		ug/L		100	56 - 134
1,2-Dichlorobenzene	25.0	23.4		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	24.0		ug/L		96	75 - 120
1,2-Dichloropropane	25.0	23.2		ug/L		93	76 - 120
1,3-Dichlorobenzene	25.0	22.9		ug/L		91	77 - 120
1,4-Dichlorobenzene	25.0	22.8		ug/L		91	80 - 120
2-Butanone (MEK)	125	102		ug/L		82	57 - 140
2-Hexanone	125	106		ug/L		85	65 - 127
4-Methyl-2-pentanone (MIBK)	125	106		ug/L		85	71 - 125
Acetone	125	104		ug/L		83	56 - 142
Benzene	25.0	22.5		ug/L		90	71 - 124
Bromodichloromethane	25.0	24.9		ug/L		100	80 - 122
Bromoform	25.0	26.5		ug/L		106	61 - 132
Bromomethane	25.0	24.4		ug/L		98	55 - 144
Carbon disulfide	25.0	21.3		ug/L		85	59 - 134
Carbon tetrachloride	25.0	22.9		ug/L		92	72 - 134
Chlorobenzene	25.0	22.7		ug/L		91	80 - 120
Dibromochloromethane	25.0	25.4		ug/L		102	75 - 125
Chloroethane	25.0	24.8		ug/L		99	69 - 136
Chloroform	25.0	20.4		ug/L		82	73 - 127
Chloromethane	25.0	21.7		ug/L		87	68 - 124
cis-1,2-Dichloroethene	25.0	21.8		ug/L		87	74 - 124
cis-1,3-Dichloropropene	25.0	26.2		ug/L		105	74 - 124
Cyclohexane	25.0	17.2		ug/L		69	59 - 135
Dichlorodifluoromethane	25.0	25.3		ug/L		101	59 - 135
Ethylbenzene	25.0	21.4		ug/L		85	77 - 123
1,2-Dibromoethane	25.0	23.1		ug/L		92	77 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: LCS 480-477323/5

Matrix: Water

Analysis Batch: 477323

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	25.0	21.3		ug/L		85	77 - 122
Methyl acetate	50.0	41.9		ug/L		84	74 - 133
Methyl tert-butyl ether	25.0	25.5		ug/L		102	77 - 120
Methylcyclohexane	25.0	18.6		ug/L		74	68 - 134
Methylene Chloride	25.0	21.0		ug/L		84	75 - 124
Styrene	25.0	23.5		ug/L		94	80 - 120
Tetrachloroethene	25.0	21.3		ug/L		85	74 - 122
Toluene	25.0	21.6		ug/L		86	80 - 122
trans-1,2-Dichloroethene	25.0	21.0		ug/L		84	73 - 127
trans-1,3-Dichloropropene	25.0	25.7		ug/L		103	80 - 120
Trichloroethene	25.0	22.4		ug/L		89	74 - 123
Trichlorofluoromethane	25.0	23.6		ug/L		94	62 - 150
Vinyl chloride	25.0	23.7		ug/L		95	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	94		80 - 120
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	102		75 - 123

Lab Sample ID: MB 480-477516/7

Matrix: Water

Analysis Batch: 477516

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-Trichloroethane	ND		1.0	0.82	ug/L			06/12/19 21:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/12/19 21:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/12/19 21:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/12/19 21:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/12/19 21:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/12/19 21:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/12/19 21:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/12/19 21:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/12/19 21:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/12/19 21:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/12/19 21:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/12/19 21:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/12/19 21:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/12/19 21:31	1
2-Hexanone	ND		5.0	1.2	ug/L			06/12/19 21:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/12/19 21:31	1
Acetone	ND		10	3.0	ug/L			06/12/19 21:31	1
Benzene	ND		1.0	0.41	ug/L			06/12/19 21:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/12/19 21:31	1
Bromoform	ND		1.0	0.26	ug/L			06/12/19 21:31	1
Bromomethane	ND		1.0	0.69	ug/L			06/12/19 21:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/12/19 21:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/12/19 21:31	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: MB 480-477516/7

Matrix: Water

Analysis Batch: 477516

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.75	ug/L			06/12/19 21:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/12/19 21:31	1
Chloroethane	ND		1.0	0.32	ug/L			06/12/19 21:31	1
Chloroform	ND		1.0	0.34	ug/L			06/12/19 21:31	1
Chloromethane	ND		1.0	0.35	ug/L			06/12/19 21:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/12/19 21:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/12/19 21:31	1
Cyclohexane	ND		1.0	0.18	ug/L			06/12/19 21:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/12/19 21:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/12/19 21:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/12/19 21:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/12/19 21:31	1
Methyl acetate	ND		2.5	1.3	ug/L			06/12/19 21:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/12/19 21:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/12/19 21:31	1
Methylene Chloride	0.476	J	1.0	0.44	ug/L			06/12/19 21:31	1
Styrene	ND		1.0	0.73	ug/L			06/12/19 21:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/12/19 21:31	1
Toluene	ND		1.0	0.51	ug/L			06/12/19 21:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/12/19 21:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/12/19 21:31	1
Trichloroethene	ND		1.0	0.46	ug/L			06/12/19 21:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/12/19 21:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/12/19 21:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/12/19 21:31	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/12/19 21:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		06/12/19 21:31	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		06/12/19 21:31	1
4-Bromofluorobenzene (Surr)	103		73 - 120		06/12/19 21:31	1
Dibromofluoromethane (Surr)	100		75 - 123		06/12/19 21:31	1

Lab Sample ID: LCS 480-477516/5

Matrix: Water

Analysis Batch: 477516

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.8		ug/L		107	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.0		ug/L		92	76 - 120
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.3		ug/L		93	61 - 148
1,1-Dichloroethane	25.0	22.6		ug/L		90	77 - 120
1,1-Dichloroethene	25.0	23.5		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	25.0	24.4		ug/L		98	79 - 122

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: LCS 480-477516/5

Matrix: Water

Analysis Batch: 477516

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	25.0	25.2		ug/L		101	56 - 134
1,2-Dichlorobenzene	25.0	24.9		ug/L		100	80 - 124
1,2-Dichloroethane	25.0	25.3		ug/L		101	75 - 120
1,2-Dichloropropane	25.0	23.1		ug/L		92	76 - 120
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	77 - 120
1,4-Dichlorobenzene	25.0	24.4		ug/L		97	80 - 120
2-Butanone (MEK)	125	95.5		ug/L		76	57 - 140
2-Hexanone	125	105		ug/L		84	65 - 127
4-Methyl-2-pentanone (MIBK)	125	107		ug/L		85	71 - 125
Acetone	125	102		ug/L		82	56 - 142
Benzene	25.0	23.1		ug/L		92	71 - 124
Bromodichloromethane	25.0	25.3		ug/L		101	80 - 122
Bromoform	25.0	25.6		ug/L		102	61 - 132
Bromomethane	25.0	23.8		ug/L		95	55 - 144
Carbon disulfide	25.0	24.1		ug/L		96	59 - 134
Carbon tetrachloride	25.0	26.9		ug/L		108	72 - 134
Chlorobenzene	25.0	23.6		ug/L		94	80 - 120
Dibromochloromethane	25.0	27.0		ug/L		108	75 - 125
Chloroethane	25.0	25.5		ug/L		102	69 - 136
Chloroform	25.0	21.8		ug/L		87	73 - 127
Chloromethane	25.0	22.9		ug/L		92	68 - 124
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
cis-1,3-Dichloropropene	25.0	25.5		ug/L		102	74 - 124
Cyclohexane	25.0	20.9		ug/L		84	59 - 135
Dichlorodifluoromethane	25.0	26.5		ug/L		106	59 - 135
Ethylbenzene	25.0	23.7		ug/L		95	77 - 123
1,2-Dibromoethane	25.0	23.2		ug/L		93	77 - 120
Isopropylbenzene	25.0	25.3		ug/L		101	77 - 122
Methyl acetate	50.0	39.0		ug/L		78	74 - 133
Methyl tert-butyl ether	25.0	25.2		ug/L		101	77 - 120
Methylcyclohexane	25.0	23.3		ug/L		93	68 - 134
Methylene Chloride	25.0	22.0		ug/L		88	75 - 124
Styrene	25.0	25.1		ug/L		100	80 - 120
Tetrachloroethene	25.0	25.8		ug/L		103	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	25.2		ug/L		101	80 - 120
Trichloroethene	25.0	23.3		ug/L		93	74 - 123
Trichlorofluoromethane	25.0	24.7		ug/L		99	62 - 150
Vinyl chloride	25.0	25.5		ug/L		102	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	105		75 - 123

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: 480-154729-3 MS

Matrix: Water

Analysis Batch: 477516

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	27.7		ug/L		111	73 - 126
1,1,1,2-Tetrachloroethane	ND		25.0	21.5		ug/L		86	76 - 120
1,1,2-Trichloroethane	ND		25.0	22.2		ug/L		89	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.2		ug/L		85	61 - 148
1,1-Dichloroethane	ND		25.0	23.5		ug/L		94	77 - 120
1,1-Dichloroethene	ND		25.0	23.4		ug/L		94	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	23.3		ug/L		93	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	26.1		ug/L		104	56 - 134
1,2-Dichlorobenzene	ND		25.0	23.6		ug/L		94	80 - 124
1,2-Dichloroethane	ND		25.0	24.2		ug/L		97	75 - 120
1,2-Dichloropropane	ND		25.0	21.8		ug/L		87	76 - 120
1,3-Dichlorobenzene	ND		25.0	23.5		ug/L		94	77 - 120
1,4-Dichlorobenzene	ND		25.0	22.3		ug/L		89	78 - 124
2-Butanone (MEK)	ND		125	98.2		ug/L		79	57 - 140
2-Hexanone	ND		125	108		ug/L		87	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	106		ug/L		85	71 - 125
Acetone	ND		125	92.6		ug/L		74	56 - 142
Benzene	ND		25.0	22.9		ug/L		91	71 - 124
Bromodichloromethane	ND		25.0	24.7		ug/L		99	80 - 122
Bromoform	ND		25.0	25.0		ug/L		100	61 - 132
Bromomethane	ND		25.0	23.2		ug/L		93	55 - 144
Carbon disulfide	ND		25.0	23.0		ug/L		92	59 - 134
Carbon tetrachloride	ND		25.0	28.2		ug/L		113	72 - 134
Chlorobenzene	ND		25.0	22.6		ug/L		90	80 - 120
Dibromochloromethane	ND		25.0	25.8		ug/L		103	75 - 125
Chloroethane	ND		25.0	25.3		ug/L		101	69 - 136
Chloroform	ND		25.0	20.9		ug/L		84	73 - 127
Chloromethane	ND		25.0	20.5		ug/L		82	68 - 124
cis-1,2-Dichloroethene	ND		25.0	23.3		ug/L		93	74 - 124
cis-1,3-Dichloropropene	ND		25.0	22.8		ug/L		91	74 - 124
Cyclohexane	0.93	J	25.0	21.7		ug/L		83	59 - 135
Dichlorodifluoromethane	ND		25.0	27.7		ug/L		111	59 - 135
Ethylbenzene	ND		25.0	23.0		ug/L		92	77 - 123
1,2-Dibromoethane	ND		25.0	21.7		ug/L		87	77 - 120
Isopropylbenzene	ND		25.0	24.2		ug/L		97	77 - 122
Methyl acetate	ND		50.0	40.1		ug/L		80	74 - 133
Methyl tert-butyl ether	ND		25.0	22.7		ug/L		91	77 - 120
Methylcyclohexane	1.9		25.0	26.8		ug/L		100	68 - 134
Methylene Chloride	ND		25.0	20.1		ug/L		80	75 - 124
Styrene	ND		25.0	23.3		ug/L		93	80 - 120
Tetrachloroethene	ND		25.0	23.9		ug/L		96	74 - 122
Toluene	ND		25.0	23.4		ug/L		94	80 - 122
trans-1,2-Dichloroethene	ND		25.0	23.8		ug/L		95	73 - 127
trans-1,3-Dichloropropene	ND		25.0	23.8		ug/L		95	80 - 120
Trichloroethene	ND		25.0	22.6		ug/L		90	74 - 123
Trichlorofluoromethane	ND		25.0	26.8		ug/L		107	62 - 150
Vinyl chloride	ND		25.0	27.3		ug/L		109	65 - 133

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: 480-154729-3 MS

Matrix: Water

Analysis Batch: 477516

Client Sample ID: MW-6

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	96		80 - 120
1,2-Dichloroethane-d4 (Surr)	108		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	106		75 - 123

Lab Sample ID: 480-154729-3 MSD

Matrix: Water

Analysis Batch: 477516

Client Sample ID: MW-6

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-Trichloroethane	ND		25.0	27.7		ug/L		111	73 - 126	0	15
1,1,2,2-Tetrachloroethane	ND		25.0	20.7		ug/L		83	76 - 120	4	15
1,1,2-Trichloroethane	ND		25.0	22.0		ug/L		88	76 - 122	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.4		ug/L		86	61 - 148	1	20
1,1-Dichloroethane	ND		25.0	22.5		ug/L		90	77 - 120	4	20
1,1-Dichloroethene	ND		25.0	23.8		ug/L		95	66 - 127	2	16
1,2,4-Trichlorobenzene	ND		25.0	23.5		ug/L		94	79 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.1		ug/L		100	56 - 134	4	15
1,2-Dichlorobenzene	ND		25.0	21.7		ug/L		87	80 - 124	8	20
1,2-Dichloroethane	ND		25.0	23.2		ug/L		93	75 - 120	4	20
1,2-Dichloropropane	ND		25.0	21.7		ug/L		87	76 - 120	0	20
1,3-Dichlorobenzene	ND		25.0	22.1		ug/L		88	77 - 120	6	20
1,4-Dichlorobenzene	ND		25.0	22.0		ug/L		88	78 - 124	1	20
2-Butanone (MEK)	ND		125	89.0		ug/L		71	57 - 140	10	20
2-Hexanone	ND		125	101		ug/L		81	65 - 127	7	15
4-Methyl-2-pentanone (MIBK)	ND		125	101		ug/L		80	71 - 125	5	35
Acetone	ND		125	91.9		ug/L		74	56 - 142	1	15
Benzene	ND		25.0	22.5		ug/L		90	71 - 124	1	13
Bromodichloromethane	ND		25.0	24.4		ug/L		98	80 - 122	1	15
Bromoform	ND		25.0	25.4		ug/L		102	61 - 132	1	15
Bromomethane	ND		25.0	24.8		ug/L		99	55 - 144	7	15
Carbon disulfide	ND		25.0	22.7		ug/L		91	59 - 134	1	15
Carbon tetrachloride	ND		25.0	28.3		ug/L		113	72 - 134	1	15
Chlorobenzene	ND		25.0	22.4		ug/L		89	80 - 120	1	25
Dibromochloromethane	ND		25.0	26.2		ug/L		105	75 - 125	2	15
Chloroethane	ND		25.0	26.5		ug/L		106	69 - 136	5	15
Chloroform	ND		25.0	20.9		ug/L		83	73 - 127	0	20
Chloromethane	ND		25.0	23.4		ug/L		94	68 - 124	14	15
cis-1,2-Dichloroethene	ND		25.0	22.7		ug/L		91	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	22.4		ug/L		89	74 - 124	2	15
Cyclohexane	0.93	J	25.0	20.0		ug/L		76	59 - 135	8	20
Dichlorodifluoromethane	ND		25.0	28.1		ug/L		112	59 - 135	1	20
Ethylbenzene	ND		25.0	23.4		ug/L		93	77 - 123	2	15
1,2-Dibromoethane	ND		25.0	22.8		ug/L		91	77 - 120	5	15
Isopropylbenzene	ND		25.0	24.7		ug/L		99	77 - 122	2	20
Methyl acetate	ND		50.0	38.1		ug/L		76	74 - 133	5	20
Methyl tert-butyl ether	ND		25.0	23.2		ug/L		93	77 - 120	2	37
Methylcyclohexane	1.9		25.0	25.7		ug/L		95	68 - 134	4	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: 480-154729-3 MSD

Matrix: Water

Analysis Batch: 477516

Client Sample ID: MW-6

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylene Chloride	ND		25.0	20.6		ug/L		82	75 - 124	3	15
Styrene	ND		25.0	23.5		ug/L		94	80 - 120	1	20
Tetrachloroethene	ND		25.0	25.7		ug/L		103	74 - 122	7	20
Toluene	ND		25.0	22.9		ug/L		91	80 - 122	3	15
trans-1,2-Dichloroethene	ND		25.0	24.5		ug/L		98	73 - 127	3	20
trans-1,3-Dichloropropene	ND		25.0	23.5		ug/L		94	80 - 120	1	15
Trichloroethene	ND		25.0	22.9		ug/L		92	74 - 123	1	16
Trichlorofluoromethane	ND		25.0	27.6		ug/L		110	62 - 150	3	20
Vinyl chloride	ND		25.0	28.2		ug/L		113	65 - 133	3	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	101		75 - 123

Lab Sample ID: MB 480-477537/7

Matrix: Water

Analysis Batch: 477537

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-Trichloroethane	ND		1.0	0.82	ug/L			06/13/19 09:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/13/19 09:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/13/19 09:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/13/19 09:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/13/19 09:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/13/19 09:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/13/19 09:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/13/19 09:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/13/19 09:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/13/19 09:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/13/19 09:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/13/19 09:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/13/19 09:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/13/19 09:50	1
2-Hexanone	ND		5.0	1.2	ug/L			06/13/19 09:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/13/19 09:50	1
Acetone	ND		10	3.0	ug/L			06/13/19 09:50	1
Benzene	ND		1.0	0.41	ug/L			06/13/19 09:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/13/19 09:50	1
Bromoform	ND		1.0	0.26	ug/L			06/13/19 09:50	1
Bromomethane	ND		1.0	0.69	ug/L			06/13/19 09:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/13/19 09:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/13/19 09:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/13/19 09:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/13/19 09:50	1
Chloroethane	ND		1.0	0.32	ug/L			06/13/19 09:50	1
Chloroform	ND		1.0	0.34	ug/L			06/13/19 09:50	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: MB 480-477537/7

Matrix: Water

Analysis Batch: 477537

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			06/13/19 09:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/13/19 09:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/13/19 09:50	1
Cyclohexane	ND		1.0	0.18	ug/L			06/13/19 09:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/13/19 09:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/13/19 09:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/13/19 09:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/13/19 09:50	1
Methyl acetate	ND		2.5	1.3	ug/L			06/13/19 09:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/13/19 09:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/13/19 09:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/13/19 09:50	1
Styrene	ND		1.0	0.73	ug/L			06/13/19 09:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/13/19 09:50	1
Toluene	ND		1.0	0.51	ug/L			06/13/19 09:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/13/19 09:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/13/19 09:50	1
Trichloroethene	ND		1.0	0.46	ug/L			06/13/19 09:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/13/19 09:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/13/19 09:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/13/19 09:50	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/13/19 09:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		06/13/19 09:50	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		06/13/19 09:50	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/13/19 09:50	1
Dibromofluoromethane (Surr)	96		75 - 123		06/13/19 09:50	1

Lab Sample ID: LCS 480-477537/5

Matrix: Water

Analysis Batch: 477537

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.8		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/L		90	76 - 120
1,1,2-Trichloroethane	25.0	23.4		ug/L		93	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	19.7		ug/L		79	61 - 148
1,1-Dichloroethane	25.0	21.9		ug/L		88	77 - 120
1,1-Dichloroethene	25.0	21.0		ug/L		84	66 - 127
1,2,4-Trichlorobenzene	25.0	23.3		ug/L		93	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.6		ug/L		98	56 - 134
1,2-Dichlorobenzene	25.0	22.6		ug/L		90	80 - 124
1,2-Dichloroethane	25.0	24.9		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	21.7		ug/L		87	76 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: LCS 480-477537/5

Matrix: Water

Analysis Batch: 477537

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
2-Butanone (MEK)	125	94.9		ug/L		76	57 - 140
2-Hexanone	125	95.4		ug/L		76	65 - 127
4-Methyl-2-pentanone (MIBK)	125	103		ug/L		82	71 - 125
Acetone	125	95.5		ug/L		76	56 - 142
Benzene	25.0	21.6		ug/L		86	71 - 124
Bromodichloromethane	25.0	24.9		ug/L		100	80 - 122
Bromoform	25.0	26.1		ug/L		104	61 - 132
Bromomethane	25.0	22.2		ug/L		89	55 - 144
Carbon disulfide	25.0	21.3		ug/L		85	59 - 134
Carbon tetrachloride	25.0	25.2		ug/L		101	72 - 134
Chlorobenzene	25.0	23.2		ug/L		93	80 - 120
Dibromochloromethane	25.0	27.8		ug/L		111	75 - 125
Chloroethane	25.0	21.4		ug/L		86	69 - 136
Chloroform	25.0	20.9		ug/L		83	73 - 127
Chloromethane	25.0	19.6		ug/L		78	68 - 124
cis-1,2-Dichloroethene	25.0	22.6		ug/L		90	74 - 124
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	74 - 124
Cyclohexane	25.0	18.2		ug/L		73	59 - 135
Dichlorodifluoromethane	25.0	19.5		ug/L		78	59 - 135
Ethylbenzene	25.0	22.6		ug/L		90	77 - 123
1,2-Dibromoethane	25.0	23.8		ug/L		95	77 - 120
Isopropylbenzene	25.0	23.9		ug/L		96	77 - 122
Methyl acetate	50.0	38.7		ug/L		77	74 - 133
Methyl tert-butyl ether	25.0	24.7		ug/L		99	77 - 120
Methylcyclohexane	25.0	19.6		ug/L		78	68 - 134
Methylene Chloride	25.0	20.3		ug/L		81	75 - 124
Styrene	25.0	24.2		ug/L		97	80 - 120
Tetrachloroethene	25.0	25.6		ug/L		103	74 - 122
Toluene	25.0	22.9		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	23.4		ug/L		93	73 - 127
trans-1,3-Dichloropropene	25.0	25.6		ug/L		102	80 - 120
Trichloroethene	25.0	21.5		ug/L		86	74 - 123
Trichlorofluoromethane	25.0	18.9		ug/L		75	62 - 150
Vinyl chloride	25.0	20.2		ug/L		81	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Dibromofluoromethane (Surr)	97		75 - 123

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: 480-154729-6 MS

Matrix: Water

Analysis Batch: 477537

Client Sample ID: RFI-29

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND	F1	25.0	31.7	F1	ug/L		127	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	23.7		ug/L		95	76 - 120
1,1,2-Trichloroethane	ND		25.0	25.4		ug/L		102	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.3		ug/L		105	61 - 148
1,1-Dichloroethane	ND		25.0	27.7		ug/L		111	77 - 120
1,1-Dichloroethene	ND		25.0	28.5		ug/L		114	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	26.3		ug/L		105	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	27.6		ug/L		110	56 - 134
1,2-Dichlorobenzene	ND		25.0	25.7		ug/L		103	80 - 124
1,2-Dichloroethane	ND		25.0	27.9		ug/L		112	75 - 120
1,2-Dichloropropane	ND		25.0	24.9		ug/L		100	76 - 120
1,3-Dichlorobenzene	ND		25.0	26.9		ug/L		108	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.1		ug/L		104	78 - 124
2-Butanone (MEK)	ND		125	103		ug/L		82	57 - 140
2-Hexanone	ND		125	116		ug/L		93	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	116		ug/L		93	71 - 125
Acetone	ND		125	108		ug/L		86	56 - 142
Benzene	ND		25.0	26.8		ug/L		107	71 - 124
Bromodichloromethane	ND		25.0	29.6		ug/L		118	80 - 122
Bromoform	ND		25.0	28.6		ug/L		114	61 - 132
Bromomethane	ND		25.0	29.1		ug/L		116	55 - 144
Carbon disulfide	ND		25.0	27.1		ug/L		108	59 - 134
Carbon tetrachloride	ND		25.0	33.1		ug/L		132	72 - 134
Chlorobenzene	ND		25.0	26.7		ug/L		107	80 - 120
Dibromochloromethane	ND	F1	25.0	29.7		ug/L		119	75 - 125
Chloroethane	ND		25.0	30.6		ug/L		122	69 - 136
Chloroform	ND		25.0	24.9		ug/L		99	73 - 127
Chloromethane	ND		25.0	26.8		ug/L		107	68 - 124
cis-1,2-Dichloroethene	ND		25.0	28.0		ug/L		112	74 - 124
cis-1,3-Dichloropropene	ND		25.0	26.8		ug/L		107	74 - 124
Cyclohexane	ND		25.0	23.1		ug/L		92	59 - 135
Dichlorodifluoromethane	ND		25.0	31.5		ug/L		126	59 - 135
Ethylbenzene	ND		25.0	27.4		ug/L		110	77 - 123
1,2-Dibromoethane	ND		25.0	26.4		ug/L		106	77 - 120
Isopropylbenzene	ND		25.0	27.3		ug/L		109	77 - 122
Methyl acetate	ND		50.0	42.2		ug/L		84	74 - 133
Methyl tert-butyl ether	ND		25.0	27.8		ug/L		111	77 - 120
Methylcyclohexane	ND		25.0	25.9		ug/L		103	68 - 134
Methylene Chloride	ND		25.0	25.0		ug/L		100	75 - 124
Styrene	ND		25.0	26.8		ug/L		107	80 - 120
Tetrachloroethene	ND	F1	25.0	29.1		ug/L		116	74 - 122
Toluene	ND		25.0	28.2		ug/L		113	80 - 122
trans-1,2-Dichloroethene	ND		25.0	28.1		ug/L		112	73 - 127
trans-1,3-Dichloropropene	ND		25.0	27.0		ug/L		108	80 - 120
Trichloroethene	ND		25.0	26.8		ug/L		107	74 - 123
Trichlorofluoromethane	ND		25.0	30.2		ug/L		121	62 - 150
Vinyl chloride	ND		25.0	30.6		ug/L		122	65 - 133

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: 480-154729-6 MS

Matrix: Water

Analysis Batch: 477537

Client Sample ID: RFI-29

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	102		75 - 123

Lab Sample ID: 480-154729-6 MSD

Matrix: Water

Analysis Batch: 477537

Client Sample ID: RFI-29

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-Trichloroethane	ND	F1	25.0	32.3	F1	ug/L		129	73 - 126	2	15
1,1,1,2,2-Tetrachloroethane	ND		25.0	25.5		ug/L		102	76 - 120	7	15
1,1,1,2-Trichloroethane	ND		25.0	26.6		ug/L		107	76 - 122	5	15
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	24.6		ug/L		98	61 - 148	7	20
1,1-Dichloroethane	ND		25.0	26.9		ug/L		108	77 - 120	3	20
1,1-Dichloroethene	ND		25.0	28.1		ug/L		112	66 - 127	2	16
1,2,4-Trichlorobenzene	ND		25.0	27.1		ug/L		108	79 - 122	3	20
1,2-Dibromo-3-Chloropropane	ND		25.0	29.1		ug/L		117	56 - 134	5	15
1,2-Dichlorobenzene	ND		25.0	27.9		ug/L		111	80 - 124	8	20
1,2-Dichloroethane	ND		25.0	27.4		ug/L		110	75 - 120	2	20
1,2-Dichloropropane	ND		25.0	24.6		ug/L		99	76 - 120	1	20
1,3-Dichlorobenzene	ND		25.0	28.0		ug/L		112	77 - 120	4	20
1,4-Dichlorobenzene	ND		25.0	27.5		ug/L		110	78 - 124	5	20
2-Butanone (MEK)	ND		125	100		ug/L		80	57 - 140	2	20
2-Hexanone	ND		125	121		ug/L		97	65 - 127	4	15
4-Methyl-2-pentanone (MIBK)	ND		125	119		ug/L		96	71 - 125	3	35
Acetone	ND		125	102		ug/L		81	56 - 142	6	15
Benzene	ND		25.0	26.4		ug/L		106	71 - 124	2	13
Bromodichloromethane	ND		25.0	27.7		ug/L		111	80 - 122	6	15
Bromoform	ND		25.0	31.8		ug/L		127	61 - 132	11	15
Bromomethane	ND		25.0	28.1		ug/L		112	55 - 144	3	15
Carbon disulfide	ND		25.0	26.6		ug/L		107	59 - 134	2	15
Carbon tetrachloride	ND		25.0	32.8		ug/L		131	72 - 134	1	15
Chlorobenzene	ND		25.0	27.9		ug/L		111	80 - 120	4	25
Dibromochloromethane	ND	F1	25.0	31.9	F1	ug/L		128	75 - 125	7	15
Chloroethane	ND		25.0	28.4		ug/L		114	69 - 136	7	15
Chloroform	ND		25.0	24.6		ug/L		98	73 - 127	1	20
Chloromethane	ND		25.0	26.5		ug/L		106	68 - 124	1	15
cis-1,2-Dichloroethene	ND		25.0	27.2		ug/L		109	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	25.6		ug/L		102	74 - 124	5	15
Cyclohexane	ND		25.0	22.1		ug/L		88	59 - 135	5	20
Dichlorodifluoromethane	ND		25.0	28.4		ug/L		114	59 - 135	10	20
Ethylbenzene	ND		25.0	28.9		ug/L		115	77 - 123	5	15
1,2-Dibromoethane	ND		25.0	26.7		ug/L		107	77 - 120	1	15
Isopropylbenzene	ND		25.0	29.2		ug/L		117	77 - 122	7	20
Methyl acetate	ND		50.0	41.5		ug/L		83	74 - 133	2	20
Methyl tert-butyl ether	ND		25.0	26.9		ug/L		108	77 - 120	3	37
Methylcyclohexane	ND		25.0	25.1		ug/L		101	68 - 134	3	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: 480-154729-6 MSD

Matrix: Water

Analysis Batch: 477537

Client Sample ID: RFI-29

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylene Chloride	ND		25.0	23.9		ug/L		95	75 - 124	5	15
Styrene	ND		25.0	28.6		ug/L		114	80 - 120	6	20
Tetrachloroethene	ND	F1	25.0	31.6	F1	ug/L		127	74 - 122	8	20
Toluene	ND		25.0	28.2		ug/L		113	80 - 122	0	15
trans-1,2-Dichloroethene	ND		25.0	27.5		ug/L		110	73 - 127	2	20
trans-1,3-Dichloropropene	ND		25.0	27.8		ug/L		111	80 - 120	3	15
Trichloroethene	ND		25.0	28.4		ug/L		113	74 - 123	6	16
Trichlorofluoromethane	ND		25.0	28.8		ug/L		115	62 - 150	5	20
Vinyl chloride	ND		25.0	30.4		ug/L		122	65 - 133	0	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	96		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Lab Sample ID: MB 480-477714/7

Matrix: Water

Analysis Batch: 477714

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-Trichloroethane	ND		1.0	0.82	ug/L			06/13/19 22:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/13/19 22:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/13/19 22:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/13/19 22:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/13/19 22:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/13/19 22:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/13/19 22:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/13/19 22:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/13/19 22:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/13/19 22:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/13/19 22:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/13/19 22:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/13/19 22:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/13/19 22:05	1
2-Hexanone	ND		5.0	1.2	ug/L			06/13/19 22:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/13/19 22:05	1
Acetone	ND		10	3.0	ug/L			06/13/19 22:05	1
Benzene	ND		1.0	0.41	ug/L			06/13/19 22:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/13/19 22:05	1
Bromoform	ND		1.0	0.26	ug/L			06/13/19 22:05	1
Bromomethane	ND		1.0	0.69	ug/L			06/13/19 22:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/13/19 22:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/13/19 22:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/13/19 22:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/13/19 22:05	1
Chloroethane	ND		1.0	0.32	ug/L			06/13/19 22:05	1
Chloroform	ND		1.0	0.34	ug/L			06/13/19 22:05	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: MB 480-477714/7

Matrix: Water

Analysis Batch: 477714

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			06/13/19 22:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/13/19 22:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/13/19 22:05	1
Cyclohexane	ND		1.0	0.18	ug/L			06/13/19 22:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/13/19 22:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/13/19 22:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/13/19 22:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/13/19 22:05	1
Methyl acetate	ND		2.5	1.3	ug/L			06/13/19 22:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/13/19 22:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/13/19 22:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/13/19 22:05	1
Styrene	ND		1.0	0.73	ug/L			06/13/19 22:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/13/19 22:05	1
Toluene	ND		1.0	0.51	ug/L			06/13/19 22:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/13/19 22:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/13/19 22:05	1
Trichloroethene	ND		1.0	0.46	ug/L			06/13/19 22:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/13/19 22:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/13/19 22:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/13/19 22:05	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/13/19 22:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		06/13/19 22:05	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		06/13/19 22:05	1
4-Bromofluorobenzene (Surr)	99		73 - 120		06/13/19 22:05	1
Dibromofluoromethane (Surr)	104		75 - 123		06/13/19 22:05	1

Lab Sample ID: LCS 480-477714/5

Matrix: Water

Analysis Batch: 477714

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	27.8		ug/L		111	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		92	76 - 120
1,1,2-Trichloroethane	25.0	23.8		ug/L		95	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.0		ug/L		92	61 - 148
1,1-Dichloroethane	25.0	24.0		ug/L		96	77 - 120
1,1-Dichloroethene	25.0	23.2		ug/L		93	66 - 127
1,2,4-Trichlorobenzene	25.0	25.5		ug/L		102	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.8		ug/L		111	56 - 134
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	24.7		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	22.1		ug/L		88	76 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: LCS 480-477714/5

Matrix: Water

Analysis Batch: 477714

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	25.0	25.9		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 120
2-Butanone (MEK)	125	93.8		ug/L		75	57 - 140
2-Hexanone	125	102		ug/L		81	65 - 127
4-Methyl-2-pentanone (MIBK)	125	105		ug/L		84	71 - 125
Acetone	125	99.9		ug/L		80	56 - 142
Benzene	25.0	22.9		ug/L		92	71 - 124
Bromodichloromethane	25.0	25.4		ug/L		101	80 - 122
Bromoform	25.0	28.0		ug/L		112	61 - 132
Bromomethane	25.0	24.9		ug/L		100	55 - 144
Carbon disulfide	25.0	24.3		ug/L		97	59 - 134
Carbon tetrachloride	25.0	27.3		ug/L		109	72 - 134
Chlorobenzene	25.0	24.1		ug/L		96	80 - 120
Dibromochloromethane	25.0	27.8		ug/L		111	75 - 125
Chloroethane	25.0	25.2		ug/L		101	69 - 136
Chloroform	25.0	21.7		ug/L		87	73 - 127
Chloromethane	25.0	23.1		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	23.4		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	24.1		ug/L		96	74 - 124
Cyclohexane	25.0	20.0		ug/L		80	59 - 135
Dichlorodifluoromethane	25.0	25.5		ug/L		102	59 - 135
Ethylbenzene	25.0	25.9		ug/L		104	77 - 123
1,2-Dibromoethane	25.0	24.2		ug/L		97	77 - 120
Isopropylbenzene	25.0	26.4		ug/L		106	77 - 122
Methyl acetate	50.0	39.4		ug/L		79	74 - 133
Methyl tert-butyl ether	25.0	24.4		ug/L		98	77 - 120
Methylcyclohexane	25.0	23.5		ug/L		94	68 - 134
Methylene Chloride	25.0	21.9		ug/L		88	75 - 124
Styrene	25.0	25.9		ug/L		103	80 - 120
Tetrachloroethene	25.0	27.2		ug/L		109	74 - 122
Toluene	25.0	24.3		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	73 - 127
trans-1,3-Dichloropropene	25.0	26.3		ug/L		105	80 - 120
Trichloroethene	25.0	23.0		ug/L		92	74 - 123
Trichlorofluoromethane	25.0	26.1		ug/L		104	62 - 150
Vinyl chloride	25.0	25.6		ug/L		103	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	97		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Dibromofluoromethane (Surr)	98		75 - 123

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-477322/1-A

Matrix: Water

Analysis Batch: 477685

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477322

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/12/19 06:58	06/13/19 17:47	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/12/19 06:58	06/13/19 17:47	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 17:47	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/12/19 06:58	06/13/19 17:47	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 17:47	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/12/19 06:58	06/13/19 17:47	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 17:47	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 17:47	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 17:47	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 17:47	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/12/19 06:58	06/13/19 17:47	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 17:47	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/12/19 06:58	06/13/19 17:47	1
2-Nitroaniline	ND		10	0.42	ug/L		06/12/19 06:58	06/13/19 17:47	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/12/19 06:58	06/13/19 17:47	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 17:47	1
3-Nitroaniline	ND		10	0.48	ug/L		06/12/19 06:58	06/13/19 17:47	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 17:47	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 17:47	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/12/19 06:58	06/13/19 17:47	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 17:47	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 17:47	1
4-Methylphenol	ND		10	0.36	ug/L		06/12/19 06:58	06/13/19 17:47	1
4-Nitroaniline	ND		10	0.25	ug/L		06/12/19 06:58	06/13/19 17:47	1
4-Nitrophenol	ND		10	1.5	ug/L		06/12/19 06:58	06/13/19 17:47	1
Acenaphthene	ND		5.0	0.41	ug/L		06/12/19 06:58	06/13/19 17:47	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/12/19 06:58	06/13/19 17:47	1
Acetophenone	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 17:47	1
Anthracene	ND		5.0	0.28	ug/L		06/12/19 06:58	06/13/19 17:47	1
Atrazine	ND		5.0	0.46	ug/L		06/12/19 06:58	06/13/19 17:47	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/12/19 06:58	06/13/19 17:47	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 17:47	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 17:47	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 17:47	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 17:47	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/12/19 06:58	06/13/19 17:47	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/12/19 06:58	06/13/19 17:47	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 17:47	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 17:47	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/12/19 06:58	06/13/19 17:47	1
Caprolactam	ND		5.0	2.2	ug/L		06/12/19 06:58	06/13/19 17:47	1
Carbazole	ND		5.0	0.30	ug/L		06/12/19 06:58	06/13/19 17:47	1
Chrysene	ND		5.0	0.33	ug/L		06/12/19 06:58	06/13/19 17:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/12/19 06:58	06/13/19 17:47	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/12/19 06:58	06/13/19 17:47	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 17:47	1
Dibenzofuran	ND		10	0.51	ug/L		06/12/19 06:58	06/13/19 17:47	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/12/19 06:58	06/13/19 17:47	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-477322/1-A

Matrix: Water

Analysis Batch: 477685

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477322

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/12/19 06:58	06/13/19 17:47	1
Fluoranthene	ND		5.0	0.40	ug/L		06/12/19 06:58	06/13/19 17:47	1
Fluorene	0.550	J	5.0	0.36	ug/L		06/12/19 06:58	06/13/19 17:47	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 17:47	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/12/19 06:58	06/13/19 17:47	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 17:47	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/12/19 06:58	06/13/19 17:47	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/12/19 06:58	06/13/19 17:47	1
Isophorone	ND		5.0	0.43	ug/L		06/12/19 06:58	06/13/19 17:47	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/12/19 06:58	06/13/19 17:47	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/12/19 06:58	06/13/19 17:47	1
Naphthalene	ND		5.0	0.76	ug/L		06/12/19 06:58	06/13/19 17:47	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/12/19 06:58	06/13/19 17:47	1
Pentachlorophenol	ND		10	2.2	ug/L		06/12/19 06:58	06/13/19 17:47	1
Phenanthrene	2.10	J	5.0	0.44	ug/L		06/12/19 06:58	06/13/19 17:47	1
Phenol	ND		5.0	0.39	ug/L		06/12/19 06:58	06/13/19 17:47	1
Pyrene	ND		5.0	0.34	ug/L		06/12/19 06:58	06/13/19 17:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	84		46 - 120	06/12/19 06:58	06/13/19 17:47	1
Phenol-d5 (Surr)	51		22 - 120	06/12/19 06:58	06/13/19 17:47	1
p-Terphenyl-d14 (Surr)	99		59 - 136	06/12/19 06:58	06/13/19 17:47	1
2,4,6-Tribromophenol (Surr)	60		41 - 120	06/12/19 06:58	06/13/19 17:47	1
2-Fluorobiphenyl	91		48 - 120	06/12/19 06:58	06/13/19 17:47	1
2-Fluorophenol (Surr)	63		35 - 120	06/12/19 06:58	06/13/19 17:47	1

Lab Sample ID: LCS 480-477322/2-A

Matrix: Water

Analysis Batch: 477685

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biphenyl	32.0	29.9		ug/L		94	59 - 120
bis (2-chloroisopropyl) ether	32.0	26.0		ug/L		81	21 - 136
2,4,5-Trichlorophenol	32.0	33.0		ug/L		103	65 - 126
2,4,6-Trichlorophenol	32.0	31.5		ug/L		98	64 - 120
2,4-Dichlorophenol	32.0	30.4		ug/L		95	63 - 120
2,4-Dimethylphenol	32.0	30.5		ug/L		95	47 - 120
2,4-Dinitrophenol	64.0	70.0		ug/L		109	31 - 137
2,4-Dinitrotoluene	32.0	35.4		ug/L		111	69 - 120
2,6-Dinitrotoluene	32.0	34.0		ug/L		106	68 - 120
2-Chloronaphthalene	32.0	29.1		ug/L		91	58 - 120
2-Chlorophenol	32.0	29.0		ug/L		91	48 - 120
2-Methylphenol	32.0	27.6		ug/L		86	39 - 120
2-Methylnaphthalene	32.0	29.3		ug/L		92	59 - 120
2-Nitroaniline	32.0	33.7		ug/L		105	54 - 127
2-Nitrophenol	32.0	32.5		ug/L		101	52 - 125
3,3'-Dichlorobenzidine	64.0	68.8		ug/L		107	49 - 135
3-Nitroaniline	32.0	29.3		ug/L		92	51 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-477322/2-A

Matrix: Water

Analysis Batch: 477685

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,6-Dinitro-2-methylphenol	64.0	71.5		ug/L		112	46 - 136
4-Bromophenyl phenyl ether	32.0	30.4		ug/L		95	65 - 120
4-Chloro-3-methylphenol	32.0	32.6		ug/L		102	61 - 123
4-Chloroaniline	32.0	27.1		ug/L		85	30 - 120
4-Chlorophenyl phenyl ether	32.0	32.0		ug/L		100	62 - 120
4-Methylphenol	32.0	27.1		ug/L		85	29 - 131
4-Nitroaniline	32.0	33.7		ug/L		105	65 - 120
4-Nitrophenol	64.0	58.5		ug/L		91	45 - 120
Acenaphthene	32.0	30.8		ug/L		96	60 - 120
Acenaphthylene	32.0	33.0		ug/L		103	63 - 120
Acetophenone	32.0	29.7		ug/L		93	45 - 120
Anthracene	32.0	31.7		ug/L		99	67 - 120
Atrazine	64.0	79.3		ug/L		124	71 - 130
Benzaldehyde	64.0	56.3		ug/L		88	10 - 140
Benzo[a]anthracene	32.0	33.3		ug/L		104	70 - 121
Benzo[a]pyrene	32.0	31.3		ug/L		98	60 - 123
Benzo[b]fluoranthene	32.0	34.8		ug/L		109	66 - 126
Benzo[g,h,i]perylene	32.0	32.2		ug/L		101	66 - 150
Benzo[k]fluoranthene	32.0	34.4		ug/L		107	65 - 124
Bis(2-chloroethoxy)methane	32.0	28.9		ug/L		90	50 - 128
Bis(2-chloroethyl)ether	32.0	27.9		ug/L		87	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	35.8		ug/L		112	63 - 139
Butyl benzyl phthalate	32.0	34.3		ug/L		107	70 - 129
Caprolactam	64.0	24.7		ug/L		39	22 - 120
Carbazole	32.0	33.6		ug/L		105	66 - 123
Chrysene	32.0	32.8		ug/L		103	69 - 120
Dibenz(a,h)anthracene	32.0	31.6		ug/L		99	65 - 135
Di-n-butyl phthalate	32.0	35.0		ug/L		109	69 - 131
Di-n-octyl phthalate	32.0	36.9		ug/L		115	63 - 140
Dibenzofuran	32.0	32.2		ug/L		101	66 - 120
Diethyl phthalate	32.0	35.4		ug/L		111	59 - 127
Dimethyl phthalate	32.0	34.1		ug/L		107	68 - 120
Fluoranthene	32.0	34.2		ug/L		107	69 - 126
Fluorene	32.0	32.7		ug/L		102	66 - 120
Hexachlorobenzene	32.0	29.7		ug/L		93	61 - 120
Hexachlorobutadiene	32.0	24.6		ug/L		77	35 - 120
Hexachlorocyclopentadiene	32.0	20.8		ug/L		65	31 - 120
Hexachloroethane	32.0	23.4		ug/L		73	43 - 120
Indeno[1,2,3-cd]pyrene	32.0	31.8		ug/L		99	69 - 146
Isophorone	32.0	30.5		ug/L		95	55 - 120
N-Nitrosodi-n-propylamine	32.0	29.1		ug/L		91	32 - 140
N-Nitrosodiphenylamine	32.0	30.7		ug/L		96	61 - 120
Naphthalene	32.0	28.1		ug/L		88	57 - 120
Nitrobenzene	32.0	30.6		ug/L		96	53 - 123
Pentachlorophenol	64.0	43.9		ug/L		69	29 - 136
Phenanthrene	32.0	33.1		ug/L		104	68 - 120
Phenol	32.0	20.1		ug/L		63	17 - 120
Pyrene	32.0	34.5		ug/L		108	70 - 125

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-477322/2-A

Matrix: Water

Analysis Batch: 477685

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477322

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	91		46 - 120
Phenol-d5 (Surr)	60		22 - 120
p-Terphenyl-d14 (Surr)	101		59 - 136
2,4,6-Tribromophenol (Surr)	91		41 - 120
2-Fluorobiphenyl	95		48 - 120
2-Fluorophenol (Surr)	75		35 - 120

Lab Sample ID: 480-154729-3 MS

Matrix: Water

Analysis Batch: 477685

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477322

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Biphenyl	ND		34.8	31.1		ug/L		89	57 - 120	
bis (2-chloroisopropyl) ether	ND		34.8	27.0		ug/L		78	28 - 121	
2,4,5-Trichlorophenol	ND		34.8	32.8		ug/L		94	65 - 126	
2,4,6-Trichlorophenol	ND		34.8	32.4		ug/L		93	64 - 120	
2,4-Dichlorophenol	ND		34.8	31.8		ug/L		91	48 - 132	
2,4-Dimethylphenol	ND		34.8	32.6		ug/L		94	39 - 130	
2,4-Dinitrophenol	ND		69.6	73.4		ug/L		106	21 - 150	
2,4-Dinitrotoluene	ND		34.8	37.6		ug/L		108	54 - 138	
2,6-Dinitrotoluene	ND		34.8	36.1		ug/L		104	17 - 150	
2-Chloronaphthalene	ND		34.8	30.4		ug/L		87	52 - 124	
2-Chlorophenol	ND		34.8	30.1		ug/L		86	48 - 120	
2-Methylphenol	ND		34.8	30.2		ug/L		87	46 - 120	
2-Methylnaphthalene	ND		34.8	30.8		ug/L		89	34 - 140	
2-Nitroaniline	ND		34.8	35.4		ug/L		102	44 - 136	
2-Nitrophenol	ND		34.8	34.4		ug/L		99	38 - 141	
3,3'-Dichlorobenzidine	ND		69.6	71.7		ug/L		103	10 - 150	
3-Nitroaniline	ND		34.8	30.8		ug/L		88	32 - 150	
4,6-Dinitro-2-methylphenol	ND		69.6	77.9		ug/L		112	38 - 150	
4-Bromophenyl phenyl ether	ND		34.8	31.8		ug/L		91	63 - 126	
4-Chloro-3-methylphenol	ND		34.8	34.4		ug/L		99	64 - 127	
4-Chloroaniline	ND		34.8	28.9		ug/L		83	16 - 124	
4-Chlorophenyl phenyl ether	ND		34.8	33.2		ug/L		96	61 - 120	
4-Methylphenol	ND		34.8	28.6		ug/L		82	36 - 120	
4-Nitroaniline	ND		34.8	35.2		ug/L		101	32 - 150	
4-Nitrophenol	ND		69.6	63.5		ug/L		91	23 - 132	
Acenaphthene	ND		34.8	32.2		ug/L		93	48 - 120	
Acenaphthylene	ND		34.8	34.4		ug/L		99	63 - 120	
Acetophenone	ND		34.8	30.6		ug/L		88	53 - 120	
Anthracene	ND		34.8	33.7		ug/L		97	65 - 122	
Atrazine	ND		69.6	82.4		ug/L		118	50 - 150	
Benzaldehyde	ND		69.6	57.5		ug/L		83	10 - 150	
Benzo[a]anthracene	ND		34.8	35.0		ug/L		101	43 - 124	
Benzo[a]pyrene	ND		34.8	32.7		ug/L		94	23 - 125	
Benzo[b]fluoranthene	ND		34.8	36.6		ug/L		105	27 - 127	
Benzo[g,h,i]perylene	ND		34.8	33.4		ug/L		96	16 - 147	
Benzo[k]fluoranthene	ND		34.8	36.4		ug/L		105	20 - 124	

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-154729-3 MS

Matrix: Water

Analysis Batch: 477685

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethoxy)methane	ND		34.8	30.3		ug/L		87	44 - 128
Bis(2-chloroethyl)ether	ND		34.8	29.0		ug/L		83	45 - 120
Bis(2-ethylhexyl) phthalate	ND		34.8	37.3		ug/L		107	16 - 150
Butyl benzyl phthalate	ND		34.8	37.1		ug/L		107	51 - 140
Caprolactam	ND		69.6	27.5		ug/L		39	10 - 120
Carbazole	ND		34.8	36.6		ug/L		105	16 - 148
Chrysene	ND		34.8	34.3		ug/L		99	44 - 122
Dibenz(a,h)anthracene	ND		34.8	32.6		ug/L		94	16 - 139
Di-n-butyl phthalate	ND		34.8	36.7		ug/L		106	65 - 129
Di-n-octyl phthalate	ND		34.8	38.7		ug/L		111	16 - 150
Dibenzofuran	ND		34.8	33.2		ug/L		96	60 - 120
Diethyl phthalate	ND		34.8	36.8		ug/L		106	53 - 133
Dimethyl phthalate	ND		34.8	35.1		ug/L		101	59 - 123
Fluoranthene	ND		34.8	35.7		ug/L		103	63 - 129
Fluorene	0.59	J B	34.8	33.7		ug/L		95	62 - 120
Hexachlorobenzene	ND		34.8	31.0		ug/L		89	57 - 121
Hexachlorobutadiene	ND		34.8	26.4		ug/L		76	37 - 120
Hexachlorocyclopentadiene	ND		34.8	22.7		ug/L		65	21 - 120
Hexachloroethane	ND		34.8	25.5		ug/L		73	16 - 130
Indeno[1,2,3-cd]pyrene	ND		34.8	32.7		ug/L		94	16 - 140
Isophorone	ND		34.8	32.0		ug/L		92	48 - 133
N-Nitrosodi-n-propylamine	ND		34.8	29.9		ug/L		86	49 - 120
N-Nitrosodiphenylamine	ND		34.8	32.7		ug/L		94	39 - 138
Naphthalene	ND		34.8	29.6		ug/L		85	45 - 120
Nitrobenzene	ND		34.8	31.7		ug/L		91	45 - 123
Pentachlorophenol	ND		69.6	46.1		ug/L		66	23 - 149
Phenanthrene	2.1	J B	34.8	34.8		ug/L		94	65 - 122
Phenol	ND		34.8	21.8		ug/L		63	16 - 120
Pyrene	ND		34.8	36.8		ug/L		106	58 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
Nitrobenzene-d5 (Surr)	89		46 - 120
Phenol-d5 (Surr)	59		22 - 120
p-Terphenyl-d14 (Surr)	94		59 - 136
2,4,6-Tribromophenol (Surr)	90		41 - 120
2-Fluorobiphenyl	91		48 - 120
2-Fluorophenol (Surr)	72		35 - 120

Lab Sample ID: 480-154729-3 MSD

Matrix: Water

Analysis Batch: 477685

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477322

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Biphenyl	ND		32.0	29.4		ug/L		92	57 - 120	6	20
bis (2-chloroisopropyl) ether	ND		32.0	25.2		ug/L		79	28 - 121	7	24
2,4,5-Trichlorophenol	ND		32.0	32.1		ug/L		100	65 - 126	2	18
2,4,6-Trichlorophenol	ND		32.0	30.2		ug/L		94	64 - 120	7	19
2,4-Dichlorophenol	ND		32.0	30.2		ug/L		94	48 - 132	5	19

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-154729-3 MSD

Matrix: Water

Analysis Batch: 477685

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477322

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dimethylphenol	ND		32.0	30.5		ug/L		95	39 - 130	7	42
2,4-Dinitrophenol	ND		64.0	72.6		ug/L		114	21 - 150	1	22
2,4-Dinitrotoluene	ND		32.0	35.4		ug/L		111	54 - 138	6	20
2,6-Dinitrotoluene	ND		32.0	34.1		ug/L		107	17 - 150	6	15
2-Chloronaphthalene	ND		32.0	28.9		ug/L		90	52 - 124	5	21
2-Chlorophenol	ND		32.0	28.2		ug/L		88	48 - 120	6	25
2-Methylphenol	ND		32.0	27.4		ug/L		86	46 - 120	10	27
2-Methylnaphthalene	ND		32.0	29.2		ug/L		91	34 - 140	5	21
2-Nitroaniline	ND		32.0	33.4		ug/L		104	44 - 136	6	15
2-Nitrophenol	ND		32.0	33.2		ug/L		104	38 - 141	3	18
3,3'-Dichlorobenzidine	ND		64.0	66.8		ug/L		104	10 - 150	7	25
3-Nitroaniline	ND		32.0	29.4		ug/L		92	32 - 150	5	19
4,6-Dinitro-2-methylphenol	ND		64.0	74.6		ug/L		117	38 - 150	4	15
4-Bromophenyl phenyl ether	ND		32.0	30.5		ug/L		95	63 - 126	4	15
4-Chloro-3-methylphenol	ND		32.0	32.4		ug/L		101	64 - 127	6	27
4-Chloroaniline	ND		32.0	28.1		ug/L		88	16 - 124	3	22
4-Chlorophenyl phenyl ether	ND		32.0	31.4		ug/L		98	61 - 120	6	16
4-Methylphenol	ND		32.0	26.3		ug/L		82	36 - 120	8	24
4-Nitroaniline	ND		32.0	33.4		ug/L		104	32 - 150	5	24
4-Nitrophenol	ND		64.0	58.7		ug/L		92	23 - 132	8	48
Acenaphthene	ND		32.0	30.2		ug/L		94	48 - 120	6	24
Acenaphthylene	ND		32.0	32.5		ug/L		102	63 - 120	6	18
Acetophenone	ND		32.0	28.6		ug/L		89	53 - 120	7	20
Anthracene	ND		32.0	31.5		ug/L		98	65 - 122	7	15
Atrazine	ND		64.0	76.3		ug/L		119	50 - 150	8	20
Benzaldehyde	ND		64.0	54.5		ug/L		85	10 - 150	5	20
Benzo[a]anthracene	ND		32.0	32.8		ug/L		102	43 - 124	6	15
Benzo[a]pyrene	ND		32.0	30.3		ug/L		95	23 - 125	8	15
Benzo[b]fluoranthene	ND		32.0	33.4		ug/L		104	27 - 127	9	15
Benzo[g,h,i]perylene	ND		32.0	30.4		ug/L		95	16 - 147	9	15
Benzo[k]fluoranthene	ND		32.0	33.6		ug/L		105	20 - 124	8	22
Bis(2-chloroethoxy)methane	ND		32.0	28.8		ug/L		90	44 - 128	5	17
Bis(2-chloroethyl)ether	ND		32.0	27.6		ug/L		86	45 - 120	5	21
Bis(2-ethylhexyl) phthalate	ND		32.0	34.4		ug/L		107	16 - 150	8	15
Butyl benzyl phthalate	ND		32.0	34.2		ug/L		107	51 - 140	8	16
Caprolactam	ND		64.0	24.7		ug/L		39	10 - 120	11	20
Carbazole	ND		32.0	35.0		ug/L		109	16 - 148	5	20
Chrysene	ND		32.0	32.2		ug/L		101	44 - 122	6	15
Dibenz(a,h)anthracene	ND		32.0	30.1		ug/L		94	16 - 139	8	15
Di-n-butyl phthalate	ND		32.0	33.5		ug/L		105	65 - 129	9	15
Di-n-octyl phthalate	ND		32.0	35.7		ug/L		112	16 - 150	8	16
Dibenzofuran	ND		32.0	31.2		ug/L		97	60 - 120	6	15
Diethyl phthalate	ND		32.0	34.8		ug/L		109	53 - 133	5	15
Dimethyl phthalate	ND		32.0	33.7		ug/L		105	59 - 123	4	15
Fluoranthene	ND		32.0	33.4		ug/L		104	63 - 129	7	15
Fluorene	0.59	J B	32.0	31.8		ug/L		98	62 - 120	6	15
Hexachlorobenzene	ND		32.0	29.5		ug/L		92	57 - 121	5	15
Hexachlorobutadiene	ND		32.0	25.0		ug/L		78	37 - 120	6	44
Hexachlorocyclopentadiene	ND		32.0	21.4		ug/L		67	21 - 120	6	49

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-154729-3 MSD

Matrix: Water

Analysis Batch: 477685

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477322

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachloroethane	ND		32.0	23.9		ug/L		75	16 - 130	7	46
Indeno[1,2,3-cd]pyrene	ND		32.0	30.2		ug/L		94	16 - 140	8	15
Isophorone	ND		32.0	30.4		ug/L		95	48 - 133	5	17
N-Nitrosodi-n-propylamine	ND		32.0	28.3		ug/L		89	49 - 120	6	31
N-Nitrosodiphenylamine	ND		32.0	30.4		ug/L		95	39 - 138	7	15
Naphthalene	ND		32.0	28.1		ug/L		88	45 - 120	5	29
Nitrobenzene	ND		32.0	30.4		ug/L		95	45 - 123	4	24
Pentachlorophenol	ND		64.0	43.3		ug/L		68	23 - 149	6	37
Phenanthrene	2.1	J B	32.0	32.5		ug/L		95	65 - 122	7	15
Phenol	ND		32.0	19.5		ug/L		61	16 - 120	11	34
Pyrene	ND		32.0	34.4		ug/L		108	58 - 128	7	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	92		46 - 120
Phenol-d5 (Surr)	58		22 - 120
p-Terphenyl-d14 (Surr)	94		59 - 136
2,4,6-Tribromophenol (Surr)	90		41 - 120
2-Fluorobiphenyl	93		48 - 120
2-Fluorophenol (Surr)	73		35 - 120

Lab Sample ID: 480-154729-6 MS

Matrix: Water

Analysis Batch: 477685

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Biphenyl	ND		32.0	27.5		ug/L		86	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	22.3		ug/L		70	28 - 121
2,4,5-Trichlorophenol	ND		32.0	30.8		ug/L		96	65 - 126
2,4,6-Trichlorophenol	ND		32.0	28.5		ug/L		89	64 - 120
2,4-Dichlorophenol	ND		32.0	28.0		ug/L		88	48 - 132
2,4-Dimethylphenol	ND		32.0	28.2		ug/L		88	39 - 130
2,4-Dinitrophenol	ND		64.0	70.3		ug/L		110	21 - 150
2,4-Dinitrotoluene	ND		32.0	34.0		ug/L		106	54 - 138
2,6-Dinitrotoluene	ND		32.0	32.6		ug/L		102	17 - 150
2-Chloronaphthalene	ND		32.0	26.9		ug/L		84	52 - 124
2-Chlorophenol	ND		32.0	25.2		ug/L		79	48 - 120
2-Methylphenol	ND		32.0	26.1		ug/L		82	46 - 120
2-Methylnaphthalene	ND		32.0	27.2		ug/L		85	34 - 140
2-Nitroaniline	ND		32.0	32.0		ug/L		100	44 - 136
2-Nitrophenol	ND		32.0	30.2		ug/L		94	38 - 141
3,3'-Dichlorobenzidine	ND		64.0	72.0		ug/L		112	10 - 150
3-Nitroaniline	ND		32.0	29.7		ug/L		93	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	72.8		ug/L		114	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	29.4		ug/L		92	63 - 126
4-Chloro-3-methylphenol	ND		32.0	30.8		ug/L		96	64 - 127
4-Chloroaniline	ND		32.0	26.4		ug/L		83	16 - 124
4-Chlorophenyl phenyl ether	ND		32.0	29.6		ug/L		92	61 - 120
4-Methylphenol	ND		32.0	24.3		ug/L		76	36 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-154729-6 MS

Matrix: Water

Analysis Batch: 477685

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Nitroaniline	ND		32.0	32.8		ug/L		103	32 - 150
4-Nitrophenol	ND		64.0	56.4		ug/L		88	23 - 132
Acenaphthene	ND		32.0	28.4		ug/L		89	48 - 120
Acenaphthylene	ND		32.0	30.5		ug/L		95	63 - 120
Acetophenone	ND		32.0	26.1		ug/L		81	53 - 120
Anthracene	ND		32.0	30.9		ug/L		96	65 - 122
Atrazine	ND		64.0	74.9		ug/L		117	50 - 150
Benzaldehyde	ND		64.0	48.0		ug/L		75	10 - 150
Benzo[a]anthracene	ND		32.0	32.2		ug/L		101	43 - 124
Benzo[a]pyrene	ND		32.0	30.7		ug/L		96	23 - 125
Benzo[b]fluoranthene	ND		32.0	34.5		ug/L		108	27 - 127
Benzo[g,h,i]perylene	ND		32.0	31.0		ug/L		97	16 - 147
Benzo[k]fluoranthene	ND		32.0	33.8		ug/L		106	20 - 124
Bis(2-chloroethoxy)methane	ND		32.0	26.5		ug/L		83	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	24.0		ug/L		75	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	34.8		ug/L		109	16 - 150
Butyl benzyl phthalate	ND		32.0	33.8		ug/L		106	51 - 140
Caprolactam	ND		64.0	24.1		ug/L		38	10 - 120
Carbazole	ND		32.0	34.2		ug/L		107	16 - 148
Chrysene	ND		32.0	31.8		ug/L		99	44 - 122
Dibenz(a,h)anthracene	ND		32.0	29.9		ug/L		93	16 - 139
Di-n-butyl phthalate	0.72	J	32.0	34.5		ug/L		106	65 - 129
Di-n-octyl phthalate	ND		32.0	35.3		ug/L		110	16 - 150
Dibenzofuran	ND		32.0	29.7		ug/L		93	60 - 120
Diethyl phthalate	ND		32.0	33.3		ug/L		104	53 - 133
Dimethyl phthalate	ND		32.0	32.2		ug/L		101	59 - 123
Fluoranthene	ND		32.0	32.9		ug/L		103	63 - 129
Fluorene	0.48	J B	32.0	30.4		ug/L		94	62 - 120
Hexachlorobenzene	ND		32.0	28.9		ug/L		90	57 - 121
Hexachlorobutadiene	ND		32.0	22.0		ug/L		69	37 - 120
Hexachlorocyclopentadiene	ND		32.0	19.7		ug/L		61	21 - 120
Hexachloroethane	ND		32.0	20.1		ug/L		63	16 - 130
Indeno[1,2,3-cd]pyrene	ND		32.0	30.2		ug/L		95	16 - 140
Isophorone	ND		32.0	28.1		ug/L		88	48 - 133
N-Nitrosodi-n-propylamine	ND		32.0	25.7		ug/L		80	49 - 120
N-Nitrosodiphenylamine	ND		32.0	29.5		ug/L		92	39 - 138
Naphthalene	ND		32.0	26.0		ug/L		81	45 - 120
Nitrobenzene	ND		32.0	27.4		ug/L		86	45 - 123
Pentachlorophenol	ND		64.0	46.6		ug/L		73	23 - 149
Phenanthrene	1.8	J B	32.0	31.7		ug/L		93	65 - 122
Phenol	ND		32.0	17.8		ug/L		56	16 - 120
Pyrene	ND		32.0	33.4		ug/L		104	58 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
Nitrobenzene-d5 (Surr)	82		46 - 120
Phenol-d5 (Surr)	53		22 - 120
p-Terphenyl-d14 (Surr)	92		59 - 136
2,4,6-Tribromophenol (Surr)	89		41 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-154729-6 MS

Matrix: Water

Analysis Batch: 477685

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477322

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl	85		48 - 120
2-Fluorophenol (Surr)	63		35 - 120

Lab Sample ID: 480-154729-6 MSD

Matrix: Water

Analysis Batch: 477685

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477322

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Biphenyl	ND		32.0	25.9		ug/L		81	57 - 120	6	20
bis (2-chloroisopropyl) ether	ND		32.0	21.0		ug/L		66	28 - 121	6	24
2,4,5-Trichlorophenol	ND		32.0	29.2		ug/L		91	65 - 126	5	18
2,4,6-Trichlorophenol	ND		32.0	27.0		ug/L		84	64 - 120	5	19
2,4-Dichlorophenol	ND		32.0	25.8		ug/L		81	48 - 132	8	19
2,4-Dimethylphenol	ND		32.0	26.4		ug/L		83	39 - 130	7	42
2,4-Dinitrophenol	ND		64.0	70.1		ug/L		110	21 - 150	0	22
2,4-Dinitrotoluene	ND		32.0	33.6		ug/L		105	54 - 138	1	20
2,6-Dinitrotoluene	ND		32.0	31.5		ug/L		98	17 - 150	3	15
2-Chloronaphthalene	ND		32.0	25.1		ug/L		79	52 - 124	7	21
2-Chlorophenol	ND		32.0	23.7		ug/L		74	48 - 120	6	25
2-Methylphenol	ND		32.0	24.6		ug/L		77	46 - 120	6	27
2-Methylnaphthalene	ND		32.0	25.5		ug/L		80	34 - 140	6	21
2-Nitroaniline	ND		32.0	30.4		ug/L		95	44 - 136	5	15
2-Nitrophenol	ND		32.0	28.2		ug/L		88	38 - 141	7	18
3,3'-Dichlorobenzidine	ND		64.0	70.8		ug/L		111	10 - 150	2	25
3-Nitroaniline	ND		32.0	29.3		ug/L		91	32 - 150	1	19
4,6-Dinitro-2-methylphenol	ND		64.0	72.6		ug/L		113	38 - 150	0	15
4-Bromophenyl phenyl ether	ND		32.0	28.3		ug/L		88	63 - 126	4	15
4-Chloro-3-methylphenol	ND		32.0	28.9		ug/L		90	64 - 127	6	27
4-Chloroaniline	ND		32.0	24.8		ug/L		77	16 - 124	6	22
4-Chlorophenyl phenyl ether	ND		32.0	28.7		ug/L		90	61 - 120	3	16
4-Methylphenol	ND		32.0	22.8		ug/L		71	36 - 120	6	24
4-Nitroaniline	ND		32.0	33.1		ug/L		104	32 - 150	1	24
4-Nitrophenol	ND		64.0	58.2		ug/L		91	23 - 132	3	48
Acenaphthene	ND		32.0	26.7		ug/L		83	48 - 120	6	24
Acenaphthylene	ND		32.0	28.8		ug/L		90	63 - 120	6	18
Acetophenone	ND		32.0	24.6		ug/L		77	53 - 120	6	20
Anthracene	ND		32.0	30.5		ug/L		95	65 - 122	1	15
Atrazine	ND		64.0	75.9		ug/L		119	50 - 150	1	20
Benzaldehyde	ND		64.0	45.8		ug/L		72	10 - 150	5	20
Benzo[a]anthracene	ND		32.0	32.5		ug/L		102	43 - 124	1	15
Benzo[a]pyrene	ND		32.0	30.8		ug/L		96	23 - 125	0	15
Benzo[b]fluoranthene	ND		32.0	34.8		ug/L		109	27 - 127	1	15
Benzo[g,h,i]perylene	ND		32.0	30.9		ug/L		97	16 - 147	0	15
Benzo[k]fluoranthene	ND		32.0	34.0		ug/L		106	20 - 124	1	22
Bis(2-chloroethoxy)methane	ND		32.0	24.7		ug/L		77	44 - 128	7	17
Bis(2-chloroethyl)ether	ND		32.0	22.4		ug/L		70	45 - 120	7	21
Bis(2-ethylhexyl) phthalate	ND		32.0	34.6		ug/L		108	16 - 150	1	15
Butyl benzyl phthalate	ND		32.0	34.5		ug/L		108	51 - 140	2	16

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-154729-6 MSD

Matrix: Water

Analysis Batch: 477685

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477322

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Caprolactam	ND		64.0	24.0		ug/L		37	10 - 120	1	20
Carbazole	ND		32.0	34.5		ug/L		108	16 - 148	1	20
Chrysene	ND		32.0	32.5		ug/L		102	44 - 122	2	15
Dibenz(a,h)anthracene	ND		32.0	30.2		ug/L		95	16 - 139	1	15
Di-n-butyl phthalate	0.72	J	32.0	34.5		ug/L		105	65 - 129	0	15
Di-n-octyl phthalate	ND		32.0	35.2		ug/L		110	16 - 150	0	16
Dibenzofuran	ND		32.0	28.4		ug/L		89	60 - 120	4	15
Diethyl phthalate	ND		32.0	32.8		ug/L		103	53 - 133	2	15
Dimethyl phthalate	ND		32.0	31.2		ug/L		97	59 - 123	3	15
Fluoranthene	ND		32.0	33.0		ug/L		103	63 - 129	0	15
Fluorene	0.48	J B	32.0	28.9		ug/L		89	62 - 120	5	15
Hexachlorobenzene	ND		32.0	27.8		ug/L		87	57 - 121	4	15
Hexachlorobutadiene	ND		32.0	20.9		ug/L		65	37 - 120	5	44
Hexachlorocyclopentadiene	ND		32.0	17.7		ug/L		55	21 - 120	11	49
Hexachloroethane	ND		32.0	19.2		ug/L		60	16 - 130	5	46
Indeno[1,2,3-cd]pyrene	ND		32.0	30.6		ug/L		96	16 - 140	1	15
Isophorone	ND		32.0	26.3		ug/L		82	48 - 133	7	17
N-Nitrosodi-n-propylamine	ND		32.0	24.1		ug/L		75	49 - 120	6	31
N-Nitrosodiphenylamine	ND		32.0	28.3		ug/L		89	39 - 138	4	15
Naphthalene	ND		32.0	23.9		ug/L		75	45 - 120	8	29
Nitrobenzene	ND		32.0	25.5		ug/L		80	45 - 123	7	24
Pentachlorophenol	ND		64.0	45.0		ug/L		70	23 - 149	4	37
Phenanthrene	1.8	J B	32.0	30.8		ug/L		91	65 - 122	3	15
Phenol	ND		32.0	16.8		ug/L		52	16 - 120	6	34
Pyrene	ND		32.0	33.2		ug/L		104	58 - 128	0	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	77		46 - 120
Phenol-d5 (Surr)	50		22 - 120
p-Terphenyl-d14 (Surr)	93		59 - 136
2,4,6-Tribromophenol (Surr)	87		41 - 120
2-Fluorobiphenyl	80		48 - 120
2-Fluorophenol (Surr)	61		35 - 120

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 480-477730/1-A

Matrix: Water

Analysis Batch: 477902

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477730

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		06/14/19 06:48	06/14/19 18:58	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	28		15 - 110				06/14/19 06:48	06/14/19 18:58	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

(Continued)

Lab Sample ID: LCS 480-477730/2-A

Matrix: Water

Analysis Batch: 477902

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477730

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane			1.00	1.12		ug/L		112	40 - 140
	LCS	LCS							
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	28		15 - 110						

Lab Sample ID: 480-154729-6 MS

Matrix: Water

Analysis Batch: 477902

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	ND		1.02	1.23	E	ug/L		120	40 - 140
	MS	MS							
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	30		15 - 110						

Lab Sample ID: 480-154729-6 MSD

Matrix: Water

Analysis Batch: 477902

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477730

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	ND		0.962	1.20	E	ug/L		125	40 - 140	2	20
	MSD	MSD									
Isotope Dilution	%Recovery	Qualifier	Limits								
1,4-Dioxane-d8	29		15 - 110								

Method: 608.3 - Organochlorine Pesticides in Water

Lab Sample ID: MB 480-477362/1-A

Matrix: Water

Analysis Batch: 477550

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477362

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/12/19 09:51	06/13/19 11:22	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/12/19 09:51	06/13/19 11:22	1
beta-BHC	ND		0.050	0.025	ug/L		06/12/19 09:51	06/13/19 11:22	1
delta-BHC	ND		0.050	0.010	ug/L		06/12/19 09:51	06/13/19 11:22	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/12/19 09:51	06/13/19 11:22	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/12/19 09:51	06/13/19 11:22	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/12/19 09:51	06/13/19 11:22	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/12/19 09:51	06/13/19 11:22	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/12/19 09:51	06/13/19 11:22	1
Dieldrin	ND		0.050	0.0098	ug/L		06/12/19 09:51	06/13/19 11:22	1
Endosulfan I	ND		0.050	0.011	ug/L		06/12/19 09:51	06/13/19 11:22	1
Endosulfan II	ND		0.050	0.012	ug/L		06/12/19 09:51	06/13/19 11:22	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/12/19 09:51	06/13/19 11:22	1
Endrin	ND		0.050	0.014	ug/L		06/12/19 09:51	06/13/19 11:22	1
Endrin aldehyde	ND		0.050	0.016	ug/L		06/12/19 09:51	06/13/19 11:22	1
Heptachlor	ND		0.050	0.0085	ug/L		06/12/19 09:51	06/13/19 11:22	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: MB 480-477362/1-A

Matrix: Water

Analysis Batch: 477550

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477362

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/12/19 09:51	06/13/19 11:22	1
Toxaphene	ND		0.50	0.12	ug/L		06/12/19 09:51	06/13/19 11:22	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	53		23 - 120				06/12/19 09:51	06/13/19 11:22	1
DCB Decachlorobiphenyl	49		23 - 120				06/12/19 09:51	06/13/19 11:22	1
Tetrachloro-m-xylene	85		44 - 120				06/12/19 09:51	06/13/19 11:22	1
Tetrachloro-m-xylene	80		44 - 120				06/12/19 09:51	06/13/19 11:22	1

Lab Sample ID: LCS 480-477362/2-A

Matrix: Water

Analysis Batch: 477550

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477362

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.500	0.337		ug/L		67	40 - 125
alpha-BHC	0.500	0.396		ug/L		79	52 - 125
beta-BHC	0.500	0.426		ug/L		85	52 - 120
delta-BHC	0.500	0.496		ug/L		99	51 - 120
gamma-BHC (Lindane)	0.500	0.470		ug/L		94	56 - 120
4,4'-DDD	0.500	0.548		ug/L		110	64 - 129
4,4'-DDE	0.500	0.480		ug/L		96	50 - 120
4,4'-DDT	0.500	0.544		ug/L		109	59 - 120
Dieldrin	0.500	0.519		ug/L		104	66 - 128
Endosulfan I	0.500	0.491		ug/L		98	57 - 120
Endosulfan II	0.500	0.501		ug/L		100	66 - 131
Endosulfan sulfate	0.500	0.646		ug/L		129	66 - 131
Endrin	0.500	0.539		ug/L		108	65 - 135
Endrin aldehyde	0.500	0.415		ug/L		83	61 - 134
Heptachlor	0.500	0.466		ug/L		93	58 - 120
Heptachlor epoxide	0.500	0.502		ug/L		100	65 - 125
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	50		23 - 120				
DCB Decachlorobiphenyl	48		23 - 120				
Tetrachloro-m-xylene	83		44 - 120				
Tetrachloro-m-xylene	81		44 - 120				

Lab Sample ID: LCSD 480-477362/27-A

Matrix: Water

Analysis Batch: 477550

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 477362

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aldrin	0.500	0.312		ug/L		62	40 - 125	8	50
alpha-BHC	0.500	0.424		ug/L		85	52 - 125	7	50
beta-BHC	0.500	0.448		ug/L		90	52 - 120	5	50
delta-BHC	0.500	0.518		ug/L		104	51 - 120	4	50
gamma-BHC (Lindane)	0.500	0.504		ug/L		101	56 - 120	7	50
4,4'-DDD	0.500	0.563		ug/L		113	64 - 129	3	50

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: LCSD 480-477362/27-A

Matrix: Water

Analysis Batch: 477550

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 477362

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDE	0.500	0.504		ug/L		101	50 - 120	5	50
4,4'-DDT	0.500	0.592		ug/L		118	59 - 120	8	50
Dieldrin	0.500	0.560		ug/L		112	66 - 128	8	50
Endosulfan I	0.500	0.520		ug/L		104	57 - 120	6	50
Endosulfan II	0.500	0.519		ug/L		104	66 - 131	3	50
Endosulfan sulfate	0.500	0.663	*	ug/L		133	66 - 131	3	50
Endrin	0.500	0.562		ug/L		112	65 - 135	4	50
Endrin aldehyde	0.500	0.437		ug/L		87	61 - 134	5	50
Heptachlor	0.500	0.484		ug/L		97	58 - 120	4	50
Heptachlor epoxide	0.500	0.528		ug/L		106	65 - 125	5	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	54		23 - 120
DCB Decachlorobiphenyl	51		23 - 120
Tetrachloro-m-xylene	84		44 - 120
Tetrachloro-m-xylene	81		44 - 120

Lab Sample ID: 480-154729-3 MS

Matrix: Water

Analysis Batch: 477550

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477362

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	ND		0.476	0.360		ug/L		76	16 - 128
alpha-BHC	ND		0.476	0.383		ug/L		80	48 - 120
beta-BHC	ND		0.476	0.399		ug/L		84	41 - 147
delta-BHC	0.016	J	0.476	0.473		ug/L		96	29 - 152
gamma-BHC (Lindane)	ND		0.476	0.438		ug/L		92	58 - 120
4,4'-DDD	ND		0.476	0.513		ug/L		108	57 - 130
4,4'-DDE	ND		0.476	0.457		ug/L		96	39 - 120
4,4'-DDT	0.011	J	0.476	0.526		ug/L		108	37 - 130
Dieldrin	ND		0.476	0.495		ug/L		104	56 - 130
Endosulfan I	ND		0.476	0.462		ug/L		97	40 - 126
Endosulfan II	ND		0.476	0.472		ug/L		99	59 - 140
Endosulfan sulfate	ND	*	0.476	0.605		ug/L		127	60 - 134
Endrin	ND		0.476	0.503		ug/L		106	54 - 135
Endrin aldehyde	ND		0.476	0.406		ug/L		85	50 - 142
Heptachlor	ND		0.476	0.431		ug/L		90	56 - 120
Heptachlor epoxide	ND		0.476	0.464		ug/L		97	58 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	65		23 - 120
DCB Decachlorobiphenyl	62		23 - 120
Tetrachloro-m-xylene	81		44 - 120
Tetrachloro-m-xylene	78		44 - 120

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: 480-154729-3 MSD

Matrix: Water

Analysis Batch: 477550

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477362

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	ND		0.476	0.379		ug/L		80	16 - 128	5	50
alpha-BHC	ND		0.476	0.361		ug/L		76	48 - 120	6	50
beta-BHC	ND		0.476	0.405		ug/L		85	41 - 147	1	50
delta-BHC	0.016	J	0.476	0.462		ug/L		94	29 - 152	2	50
gamma-BHC (Lindane)	ND		0.476	0.419		ug/L		88	58 - 120	5	50
4,4'-DDD	ND		0.476	0.509		ug/L		107	57 - 130	1	50
4,4'-DDE	ND		0.476	0.447		ug/L		94	39 - 120	2	50
4,4'-DDT	0.011	J	0.476	0.504		ug/L		103	37 - 130	4	50
Dieldrin	ND		0.476	0.474		ug/L		100	56 - 130	4	50
Endosulfan I	ND		0.476	0.453		ug/L		95	40 - 126	2	50
Endosulfan II	ND		0.476	0.467		ug/L		98	59 - 140	1	50
Endosulfan sulfate	ND	*	0.476	0.609		ug/L		128	60 - 134	1	50
Endrin	ND		0.476	0.500		ug/L		105	54 - 135	1	50
Endrin aldehyde	ND		0.476	0.368		ug/L		77	50 - 142	10	50
Heptachlor	ND		0.476	0.411		ug/L		86	56 - 120	5	50
Heptachlor epoxide	ND		0.476	0.459		ug/L		96	58 - 125	1	50

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	68		23 - 120
DCB Decachlorobiphenyl	63		23 - 120
Tetrachloro-m-xylene	78		44 - 120
Tetrachloro-m-xylene	76		44 - 120

Lab Sample ID: 480-154729-6 MS

Matrix: Water

Analysis Batch: 477550

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477362

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	ND		0.490	0.318		ug/L		65	16 - 128
alpha-BHC	ND		0.490	0.325		ug/L		66	48 - 120
beta-BHC	ND		0.490	0.395		ug/L		81	41 - 147
delta-BHC	ND		0.490	0.436		ug/L		89	29 - 152
gamma-BHC (Lindane)	ND		0.490	0.402		ug/L		82	58 - 120
4,4'-DDD	ND		0.490	0.524		ug/L		107	57 - 130
4,4'-DDE	ND		0.490	0.438		ug/L		89	39 - 120
4,4'-DDT	ND		0.490	0.541		ug/L		110	37 - 130
Dieldrin	ND		0.490	0.481		ug/L		98	56 - 130
Endosulfan I	ND		0.490	0.420		ug/L		86	40 - 126
Endosulfan II	ND		0.490	0.447		ug/L		91	59 - 140
Endosulfan sulfate	ND	*	0.490	0.631		ug/L		129	60 - 134
Endrin	ND		0.490	0.506		ug/L		103	54 - 135
Endrin aldehyde	ND		0.490	0.392		ug/L		80	50 - 142
Heptachlor	ND		0.490	0.385		ug/L		79	56 - 120
Heptachlor epoxide	ND		0.490	0.449		ug/L		92	58 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	72		23 - 120
DCB Decachlorobiphenyl	68		23 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: 480-154729-6 MS

Matrix: Water

Analysis Batch: 477550

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477362

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	69		44 - 120
Tetrachloro-m-xylene	68		44 - 120

Lab Sample ID: 480-154729-6 MSD

Matrix: Water

Analysis Batch: 477550

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477362

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	ND		0.495	0.337		ug/L		68	16 - 128	6	50
alpha-BHC	ND		0.495	0.362		ug/L		73	48 - 120	11	50
beta-BHC	ND		0.495	0.417		ug/L		84	41 - 147	5	50
delta-BHC	ND		0.495	0.471		ug/L		95	29 - 152	8	50
gamma-BHC (Lindane)	ND		0.495	0.442		ug/L		89	58 - 120	10	50
4,4'-DDD	ND		0.495	0.545		ug/L		110	57 - 130	4	50
4,4'-DDE	ND		0.495	0.463		ug/L		93	39 - 120	5	50
4,4'-DDT	ND		0.495	0.555		ug/L		112	37 - 130	3	50
Dieldrin	ND		0.495	0.498		ug/L		101	56 - 130	4	50
Endosulfan I	ND		0.495	0.465		ug/L		94	40 - 126	10	50
Endosulfan II	ND		0.495	0.478		ug/L		97	59 - 140	7	50
Endosulfan sulfate	ND *		0.495	0.648		ug/L		131	60 - 134	3	50
Endrin	ND		0.495	0.535		ug/L		108	54 - 135	6	50
Endrin aldehyde	ND		0.495	0.430		ug/L		87	50 - 142	9	50
Heptachlor	ND		0.495	0.423		ug/L		86	56 - 120	9	50
Heptachlor epoxide	ND		0.495	0.488		ug/L		99	58 - 125	8	50

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	69		23 - 120
DCB Decachlorobiphenyl	63		23 - 120
Tetrachloro-m-xylene	76		44 - 120
Tetrachloro-m-xylene	75		44 - 120

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-477477/1-A

Matrix: Water

Analysis Batch: 477635

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 15:15	1
PCB-1221	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 15:15	1
PCB-1232	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 15:15	1
PCB-1242	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 15:15	1
PCB-1248	ND		0.060	0.038	ug/L		06/12/19 15:25	06/13/19 15:15	1
PCB-1254	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 15:15	1
PCB-1260	ND		0.060	0.031	ug/L		06/12/19 15:25	06/13/19 15:15	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
DCB Decachlorobiphenyl	50		36 - 121	06/12/19 15:25	06/13/19 15:15	1			

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: MB 480-477477/1-A

Matrix: Water

Analysis Batch: 477635

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477477

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		36 - 121	06/12/19 15:25	06/13/19 15:15	1
Tetrachloro-m-xylene	95		42 - 135	06/12/19 15:25	06/13/19 15:15	1
Tetrachloro-m-xylene	81		42 - 135	06/12/19 15:25	06/13/19 15:15	1

Lab Sample ID: LCS 480-477477/2-A

Matrix: Water

Analysis Batch: 477635

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	1.08		ug/L		108	69 - 123
PCB-1260	1.00	0.949		ug/L		95	69 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	54		36 - 121
DCB Decachlorobiphenyl	57		36 - 121
Tetrachloro-m-xylene	106		42 - 135
Tetrachloro-m-xylene	81		42 - 135

Lab Sample ID: 480-154729-3 MS

Matrix: Water

Analysis Batch: 477635

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477477

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		1.00	0.994		ug/L		99	43 - 150
PCB-1260	ND		1.00	0.912		ug/L		91	21 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	66		36 - 121
DCB Decachlorobiphenyl	69		36 - 121
Tetrachloro-m-xylene	92		42 - 135
Tetrachloro-m-xylene	69		42 - 135

Lab Sample ID: 480-154729-3 MSD

Matrix: Water

Analysis Batch: 477635

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477477

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		1.00	1.09		ug/L		109	43 - 150	9	30
PCB-1260	ND		1.00	1.01		ug/L		101	21 - 150	11	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	68		36 - 121
DCB Decachlorobiphenyl	80		36 - 121
Tetrachloro-m-xylene	100		42 - 135
Tetrachloro-m-xylene	76		42 - 135

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: 480-154729-6 MS

Matrix: Water

Analysis Batch: 477635

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477477

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		1.00	1.06		ug/L		106	43 - 150
PCB-1260	ND		1.00	0.858		ug/L		86	21 - 150
Surrogate	MS %Recovery	MS Qualifier	Limits						
DCB Decachlorobiphenyl	62		36 - 121						
DCB Decachlorobiphenyl	76		36 - 121						
Tetrachloro-m-xylene	97		42 - 135						
Tetrachloro-m-xylene	82		42 - 135						

Lab Sample ID: 480-154729-6 MSD

Matrix: Water

Analysis Batch: 477635

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477477

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		1.00	0.999		ug/L		100	43 - 150	6	30
PCB-1260	ND		1.00	0.885		ug/L		89	21 - 150	3	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
DCB Decachlorobiphenyl	65		36 - 121								
DCB Decachlorobiphenyl	68		36 - 121								
Tetrachloro-m-xylene	88		42 - 135								
Tetrachloro-m-xylene	70		42 - 135								

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-477332/1-A

Matrix: Water

Analysis Batch: 478452

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/12/19 09:24	06/18/19 16:16	1
Antimony	ND		0.020	0.0068	mg/L		06/12/19 09:24	06/18/19 16:16	1
Arsenic	ND		0.015	0.0056	mg/L		06/12/19 09:24	06/18/19 16:16	1
Barium	ND		0.0020	0.00070	mg/L		06/12/19 09:24	06/18/19 16:16	1
Beryllium	ND		0.0020	0.00030	mg/L		06/12/19 09:24	06/18/19 16:16	1
Cadmium	ND		0.0020	0.00050	mg/L		06/12/19 09:24	06/18/19 16:16	1
Calcium	ND		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 16:16	1
Chromium	ND		0.0040	0.0010	mg/L		06/12/19 09:24	06/18/19 16:16	1
Cobalt	ND		0.0040	0.00063	mg/L		06/12/19 09:24	06/18/19 16:16	1
Copper	ND		0.010	0.0016	mg/L		06/12/19 09:24	06/18/19 16:16	1
Iron	ND		0.050	0.019	mg/L		06/12/19 09:24	06/18/19 16:16	1
Lead	ND		0.010	0.0030	mg/L		06/12/19 09:24	06/18/19 16:16	1
Magnesium	ND		0.20	0.043	mg/L		06/12/19 09:24	06/18/19 16:16	1
Manganese	ND		0.0030	0.00040	mg/L		06/12/19 09:24	06/18/19 16:16	1
Nickel	ND		0.010	0.0013	mg/L		06/12/19 09:24	06/18/19 16:16	1
Potassium	ND		0.50	0.10	mg/L		06/12/19 09:24	06/18/19 16:16	1
Selenium	ND		0.025	0.0087	mg/L		06/12/19 09:24	06/18/19 16:16	1
Silver	ND		0.0060	0.0017	mg/L		06/12/19 09:24	06/18/19 16:16	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: MB 480-477332/1-A

Matrix: Water

Analysis Batch: 478452

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		1.0	0.32	mg/L		06/12/19 09:24	06/18/19 16:16	1
Thallium	ND		0.020	0.010	mg/L		06/12/19 09:24	06/18/19 16:16	1
Vanadium	ND		0.0050	0.0015	mg/L		06/12/19 09:24	06/18/19 16:16	1
Zinc	ND		0.010	0.0015	mg/L		06/12/19 09:24	06/18/19 16:16	1

Lab Sample ID: LCS 480-477332/2-A

Matrix: Water

Analysis Batch: 478452

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.78		mg/L		98	80 - 120
Antimony	0.200	0.224		mg/L		112	80 - 120
Arsenic	0.200	0.200		mg/L		100	80 - 120
Barium	0.200	0.205		mg/L		102	80 - 120
Beryllium	0.200	0.206		mg/L		103	80 - 120
Cadmium	0.200	0.204		mg/L		102	80 - 120
Calcium	10.0	10.05		mg/L		101	80 - 120
Chromium	0.200	0.203		mg/L		101	80 - 120
Cobalt	0.200	0.192		mg/L		96	80 - 120
Copper	0.200	0.193		mg/L		97	80 - 120
Iron	10.0	10.02		mg/L		100	80 - 120
Lead	0.200	0.196		mg/L		98	80 - 120
Magnesium	10.0	9.83		mg/L		98	80 - 120
Manganese	0.200	0.199		mg/L		100	80 - 120
Nickel	0.200	0.199		mg/L		99	80 - 120
Potassium	10.0	9.78		mg/L		98	80 - 120
Selenium	0.200	0.197		mg/L		98	80 - 120
Silver	0.0500	0.0512		mg/L		102	80 - 120
Sodium	10.0	9.51		mg/L		95	80 - 120
Thallium	0.200	0.200		mg/L		100	80 - 120
Vanadium	0.200	0.200		mg/L		100	80 - 120
Zinc	0.200	0.200		mg/L		100	80 - 120

Lab Sample ID: 480-154729-3 MS

Matrix: Water

Analysis Batch: 478452

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	11.03		mg/L		110	75 - 125
Antimony	ND	F1	0.200	0.239		mg/L		120	75 - 125
Arsenic	ND		0.200	0.219		mg/L		109	75 - 125
Barium	1.6		0.200	1.54	4	mg/L		-23	75 - 125
Beryllium	ND		0.200	0.218		mg/L		109	75 - 125
Cadmium	ND		0.200	0.218		mg/L		109	75 - 125
Calcium	119		10.0	123.3	4	mg/L		42	75 - 125
Chromium	ND		0.200	0.213		mg/L		106	75 - 125
Cobalt	ND		0.200	0.205		mg/L		103	75 - 125
Copper	ND		0.200	0.205		mg/L		103	75 - 125
Iron	0.12	F1	10.0	13.09	F1	mg/L		130	75 - 125

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: 480-154729-3 MS

Matrix: Water

Analysis Batch: 478452

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		0.200	0.211		mg/L		106	75 - 125
Magnesium	42.8		10.0	50.61	4	mg/L		78	75 - 125
Manganese	0.043		0.200	0.256		mg/L		107	75 - 125
Nickel	ND		0.200	0.214		mg/L		107	75 - 125
Potassium	4.7		10.0	15.23		mg/L		105	75 - 125
Selenium	ND		0.200	0.205		mg/L		103	75 - 125
Silver	ND		0.0500	0.0553		mg/L		111	75 - 125
Sodium	139		10.0	137.3	4	mg/L		-16	75 - 125
Thallium	ND		0.200	0.210		mg/L		105	75 - 125
Vanadium	ND		0.200	0.212		mg/L		106	75 - 125
Zinc	ND		0.200	0.213		mg/L		106	75 - 125

Lab Sample ID: 480-154729-3 MSD

Matrix: Water

Analysis Batch: 478452

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477332

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	11.00		mg/L		110	75 - 125	0	20
Antimony	ND	F1	0.200	0.255	F1	mg/L		128	75 - 125	6	20
Arsenic	ND		0.200	0.232		mg/L		116	75 - 125	6	20
Barium	1.6		0.200	1.67	4	mg/L		42	75 - 125	8	20
Beryllium	ND		0.200	0.232		mg/L		116	75 - 125	6	20
Cadmium	ND		0.200	0.232		mg/L		116	75 - 125	6	20
Calcium	119		10.0	129.4	4	mg/L		102	75 - 125	5	20
Chromium	ND		0.200	0.223		mg/L		112	75 - 125	5	20
Cobalt	ND		0.200	0.217		mg/L		108	75 - 125	5	20
Copper	ND		0.200	0.216		mg/L		108	75 - 125	5	20
Iron	0.12	F1	10.0	11.08		mg/L		110	75 - 125	17	20
Lead	ND		0.200	0.221		mg/L		111	75 - 125	5	20
Magnesium	42.8		10.0	53.80	4	mg/L		110	75 - 125	6	20
Manganese	0.043		0.200	0.262		mg/L		109	75 - 125	2	20
Nickel	ND		0.200	0.225		mg/L		112	75 - 125	5	20
Potassium	4.7		10.0	15.95		mg/L		112	75 - 125	5	20
Selenium	ND		0.200	0.218		mg/L		109	75 - 125	6	20
Silver	ND		0.0500	0.0583		mg/L		117	75 - 125	5	20
Sodium	139		10.0	148.3	4	mg/L		93	75 - 125	8	20
Thallium	ND		0.200	0.223		mg/L		111	75 - 125	6	20
Vanadium	ND		0.200	0.225		mg/L		113	75 - 125	6	20
Zinc	ND		0.200	0.221		mg/L		111	75 - 125	4	20

Lab Sample ID: 480-154729-6 MS

Matrix: Water

Analysis Batch: 478452

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	10.56		mg/L		106	75 - 125
Antimony	ND		0.200	0.248		mg/L		124	75 - 125
Arsenic	ND		0.200	0.221		mg/L		111	75 - 125
Barium	0.14	F1	0.200	0.318		mg/L		87	75 - 125

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: 480-154729-6 MS

Matrix: Water

Analysis Batch: 478452

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	ND		0.200	0.223		mg/L		112	75 - 125
Cadmium	ND		0.200	0.224		mg/L		112	75 - 125
Calcium	104		10.0	125.6	4	mg/L		218	75 - 125
Chromium	ND		0.200	0.218		mg/L		109	75 - 125
Cobalt	ND		0.200	0.208		mg/L		104	75 - 125
Copper	ND		0.200	0.208		mg/L		104	75 - 125
Iron	0.73		10.0	11.11		mg/L		104	75 - 125
Lead	ND		0.200	0.215		mg/L		108	75 - 125
Magnesium	56.6		10.0	68.19	4	mg/L		116	75 - 125
Manganese	0.064		0.200	0.281		mg/L		109	75 - 125
Nickel	ND		0.200	0.215		mg/L		108	75 - 125
Potassium	6.6		10.0	17.37		mg/L		108	75 - 125
Selenium	ND		0.200	0.211		mg/L		105	75 - 125
Silver	ND		0.0500	0.0560		mg/L		112	75 - 125
Sodium	35.2	F1	10.0	47.65		mg/L		125	75 - 125
Thallium	ND		0.200	0.217		mg/L		109	75 - 125
Vanadium	ND		0.200	0.219		mg/L		110	75 - 125
Zinc	ND		0.200	0.216		mg/L		108	75 - 125

Lab Sample ID: 480-154729-6 MSD

Matrix: Water

Analysis Batch: 478452

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477332

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	ND		10.0	10.56		mg/L		106	75 - 125	0	20
Antimony	ND		0.200	0.249		mg/L		124	75 - 125	0	20
Arsenic	ND		0.200	0.224		mg/L		112	75 - 125	1	20
Barium	0.14	F1	0.200	0.281	F1	mg/L		69	75 - 125	12	20
Beryllium	ND		0.200	0.223		mg/L		112	75 - 125	0	20
Cadmium	ND		0.200	0.225		mg/L		113	75 - 125	0	20
Calcium	104		10.0	130.6	4	mg/L		268	75 - 125	4	20
Chromium	ND		0.200	0.217		mg/L		109	75 - 125	0	20
Cobalt	ND		0.200	0.208		mg/L		104	75 - 125	0	20
Copper	ND		0.200	0.210		mg/L		105	75 - 125	1	20
Iron	0.73		10.0	11.19		mg/L		105	75 - 125	1	20
Lead	ND		0.200	0.216		mg/L		108	75 - 125	0	20
Magnesium	56.6		10.0	66.64	4	mg/L		100	75 - 125	2	20
Manganese	0.064		0.200	0.304		mg/L		120	75 - 125	8	20
Nickel	ND		0.200	0.216		mg/L		108	75 - 125	0	20
Potassium	6.6		10.0	17.13		mg/L		105	75 - 125	1	20
Selenium	ND		0.200	0.212		mg/L		106	75 - 125	0	20
Silver	ND		0.0500	0.0561		mg/L		112	75 - 125	0	20
Sodium	35.2	F1	10.0	49.56	F1	mg/L		144	75 - 125	4	20
Thallium	ND		0.200	0.218		mg/L		109	75 - 125	0	20
Vanadium	ND		0.200	0.219		mg/L		109	75 - 125	0	20
Zinc	ND		0.200	0.213		mg/L		106	75 - 125	2	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: MB 480-477893/1-A

Matrix: Water

Analysis Batch: 478451

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477893

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/17/19 07:06	06/18/19 14:11	1
Antimony	ND		0.020	0.0068	mg/L		06/17/19 07:06	06/18/19 14:11	1
Arsenic	ND		0.015	0.0056	mg/L		06/17/19 07:06	06/18/19 14:11	1
Barium	ND		0.0020	0.00070	mg/L		06/17/19 07:06	06/18/19 14:11	1
Beryllium	ND		0.0020	0.00030	mg/L		06/17/19 07:06	06/18/19 14:11	1
Cadmium	ND		0.0020	0.00050	mg/L		06/17/19 07:06	06/18/19 14:11	1
Calcium	ND		0.50	0.10	mg/L		06/17/19 07:06	06/18/19 14:11	1
Chromium	ND		0.0040	0.0010	mg/L		06/17/19 07:06	06/18/19 14:11	1
Cobalt	ND		0.0040	0.00063	mg/L		06/17/19 07:06	06/18/19 14:11	1
Iron	0.0232	J	0.050	0.019	mg/L		06/17/19 07:06	06/18/19 14:11	1
Magnesium	ND		0.20	0.043	mg/L		06/17/19 07:06	06/18/19 14:11	1
Manganese	ND		0.0030	0.00040	mg/L		06/17/19 07:06	06/18/19 14:11	1
Nickel	ND		0.010	0.0013	mg/L		06/17/19 07:06	06/18/19 14:11	1
Potassium	ND		0.50	0.10	mg/L		06/17/19 07:06	06/18/19 14:11	1
Selenium	ND		0.025	0.0087	mg/L		06/17/19 07:06	06/18/19 14:11	1
Silver	ND		0.0060	0.0017	mg/L		06/17/19 07:06	06/18/19 14:11	1
Sodium	ND		1.0	0.32	mg/L		06/17/19 07:06	06/18/19 14:11	1
Thallium	ND		0.020	0.010	mg/L		06/17/19 07:06	06/18/19 14:11	1
Vanadium	ND		0.0050	0.0015	mg/L		06/17/19 07:06	06/18/19 14:11	1

Lab Sample ID: MB 480-477893/1-A

Matrix: Water

Analysis Batch: 479154

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477893

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.010	0.0016	mg/L		06/17/19 07:06	06/21/19 16:13	1
Lead	ND		0.010	0.0030	mg/L		06/17/19 07:06	06/21/19 16:13	1
Zinc	0.00385	J	0.010	0.0015	mg/L		06/17/19 07:06	06/21/19 16:13	1

Lab Sample ID: LCS 480-477893/2-A

Matrix: Water

Analysis Batch: 478451

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.66		mg/L		97	80 - 120
Antimony	0.200	0.221		mg/L		111	80 - 120
Arsenic	0.200	0.200		mg/L		100	80 - 120
Barium	0.200	0.201		mg/L		100	80 - 120
Beryllium	0.200	0.204		mg/L		102	80 - 120
Cadmium	0.200	0.202		mg/L		101	80 - 120
Calcium	10.0	9.94		mg/L		99	80 - 120
Chromium	0.200	0.200		mg/L		100	80 - 120
Cobalt	0.200	0.190		mg/L		95	80 - 120
Iron	10.0	9.89		mg/L		99	80 - 120
Magnesium	10.0	9.73		mg/L		97	80 - 120
Manganese	0.200	0.197		mg/L		99	80 - 120
Nickel	0.200	0.197		mg/L		98	80 - 120
Potassium	10.0	9.55		mg/L		95	80 - 120
Selenium	0.200	0.191		mg/L		95	80 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: LCS 480-477893/2-A

Matrix: Water

Analysis Batch: 478451

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.0500	0.0503		mg/L		101	80 - 120
Sodium	10.0	9.43		mg/L		94	80 - 120
Thallium	0.200	0.197		mg/L		99	80 - 120
Vanadium	0.200	0.196		mg/L		98	80 - 120

Lab Sample ID: LCS 480-477893/2-A

Matrix: Water

Analysis Batch: 479154

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	0.200	0.176		mg/L		88	80 - 120
Lead	0.200	0.190		mg/L		95	80 - 120
Zinc	0.200	0.193		mg/L		96	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-477192/1-A

Matrix: Water

Analysis Batch: 477479

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 13:49	1

Lab Sample ID: LCS 480-477192/2-A

Matrix: Water

Analysis Batch: 477479

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00700		mg/L		105	80 - 120

Lab Sample ID: 480-154729-3 MS

Matrix: Water

Analysis Batch: 477479

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00703		mg/L		105	80 - 120

Lab Sample ID: 480-154729-3 MSD

Matrix: Water

Analysis Batch: 477479

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 477192

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00680		mg/L		102	80 - 120	3	20

Lab Sample ID: MB 480-477388/1-A

Matrix: Water

Analysis Batch: 477479

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/12/19 11:13	06/12/19 14:28	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

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

Lab Sample ID: LCS 480-477388/2-A

Matrix: Water

Analysis Batch: 477479

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477388

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury			0.00667	0.00688		mg/L		103	80 - 120

Lab Sample ID: 480-154729-6 MS

Matrix: Water

Analysis Batch: 477479

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477388

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00685		mg/L		103	80 - 120

Lab Sample ID: 480-154729-6 MSD

Matrix: Water

Analysis Batch: 477479

Client Sample ID: RFI-29

Prep Type: Total/NA

Prep Batch: 477388

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	ND		0.00667	0.00653		mg/L		98	80 - 120	5	20

Lab Sample ID: MB 480-480759/1-A

Matrix: Water

Analysis Batch: 480846

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 480759

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/03/19 11:36	07/03/19 15:07	1

Lab Sample ID: LCS 480-480759/2-A

Matrix: Water

Analysis Batch: 480846

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 480759

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury			0.00667	0.00688		mg/L		103	80 - 120

Lab Sample ID: 480-154729-2 MS

Matrix: Water

Analysis Batch: 480846

Client Sample ID: LAE-4

Prep Type: Total/NA

Prep Batch: 480759

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00695		mg/L		104	80 - 120

Lab Sample ID: 480-154729-2 MSD

Matrix: Water

Analysis Batch: 480846

Client Sample ID: LAE-4

Prep Type: Total/NA

Prep Batch: 480759

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	ND		0.00667	0.00692		mg/L		104	80 - 120	0	20

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 480-477270/27

Matrix: Water

Analysis Batch: 477270

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.010	0.0050	mg/L			06/11/19 09:31	1

Lab Sample ID: LCS 480-477270/28

Matrix: Water

Analysis Batch: 477270

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium, hexavalent	0.0500	0.0459		mg/L		92	85 - 115

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

GC/MS VOA

Analysis Batch: 477323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-1	TW-5A	Total/NA	Water	8260C	
480-154729-2	LAE-4	Total/NA	Water	8260C	
480-154729-5	RFI-27	Total/NA	Water	8260C	
480-154729-9	RFI-18	Total/NA	Water	8260C	
480-154729-11	TRIP BLANK	Total/NA	Water	8260C	
MB 480-477323/7	Method Blank	Total/NA	Water	8260C	
LCS 480-477323/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 477516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-3	MW-6	Total/NA	Water	8260C	
480-154729-7	RFI-08A	Total/NA	Water	8260C	
MB 480-477516/7	Method Blank	Total/NA	Water	8260C	
LCS 480-477516/5	Lab Control Sample	Total/NA	Water	8260C	
480-154729-3 MS	MW-6	Total/NA	Water	8260C	
480-154729-3 MSD	MW-6	Total/NA	Water	8260C	

Analysis Batch: 477537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-6	RFI-29	Total/NA	Water	8260C	
480-154729-8	RFI-11	Total/NA	Water	8260C	
480-154729-10	DUP-061019-3	Total/NA	Water	8260C	
MB 480-477537/7	Method Blank	Total/NA	Water	8260C	
LCS 480-477537/5	Lab Control Sample	Total/NA	Water	8260C	
480-154729-6 MS	RFI-29	Total/NA	Water	8260C	
480-154729-6 MSD	RFI-29	Total/NA	Water	8260C	

Analysis Batch: 477714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-4	DUP-061019-2	Total/NA	Water	8260C	
MB 480-477714/7	Method Blank	Total/NA	Water	8260C	
LCS 480-477714/5	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 477322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-1	TW-5A	Total/NA	Water	3510C	
480-154729-2	LAE-4	Total/NA	Water	3510C	
480-154729-3	MW-6	Total/NA	Water	3510C	
480-154729-4	DUP-061019-2	Total/NA	Water	3510C	
480-154729-5	RFI-27	Total/NA	Water	3510C	
480-154729-6	RFI-29	Total/NA	Water	3510C	
480-154729-7	RFI-08A	Total/NA	Water	3510C	
480-154729-8	RFI-11	Total/NA	Water	3510C	
480-154729-9	RFI-18	Total/NA	Water	3510C	
480-154729-10	DUP-061019-3	Total/NA	Water	3510C	
MB 480-477322/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-477322/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-154729-3 MS	MW-6	Total/NA	Water	3510C	
480-154729-3 MSD	MW-6	Total/NA	Water	3510C	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

GC/MS Semi VOA (Continued)

Prep Batch: 477322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-6 MS	RFI-29	Total/NA	Water	3510C	
480-154729-6 MSD	RFI-29	Total/NA	Water	3510C	

Analysis Batch: 477685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-1	TW-5A	Total/NA	Water	8270D	477322
480-154729-2	LAE-4	Total/NA	Water	8270D	477322
480-154729-3	MW-6	Total/NA	Water	8270D	477322
480-154729-4	DUP-061019-2	Total/NA	Water	8270D	477322
480-154729-5	RFI-27	Total/NA	Water	8270D	477322
480-154729-6	RFI-29	Total/NA	Water	8270D	477322
480-154729-7	RFI-08A	Total/NA	Water	8270D	477322
480-154729-8	RFI-11	Total/NA	Water	8270D	477322
480-154729-9	RFI-18	Total/NA	Water	8270D	477322
480-154729-10	DUP-061019-3	Total/NA	Water	8270D	477322
MB 480-477322/1-A	Method Blank	Total/NA	Water	8270D	477322
LCS 480-477322/2-A	Lab Control Sample	Total/NA	Water	8270D	477322
480-154729-3 MS	MW-6	Total/NA	Water	8270D	477322
480-154729-3 MSD	MW-6	Total/NA	Water	8270D	477322
480-154729-6 MS	RFI-29	Total/NA	Water	8270D	477322
480-154729-6 MSD	RFI-29	Total/NA	Water	8270D	477322

Prep Batch: 477730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-6	RFI-29	Total/NA	Water	3510C	
480-154729-10	DUP-061019-3	Total/NA	Water	3510C	
MB 480-477730/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-477730/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-154729-6 MS	RFI-29	Total/NA	Water	3510C	
480-154729-6 MSD	RFI-29	Total/NA	Water	3510C	

Analysis Batch: 477902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-6	RFI-29	Total/NA	Water	8270D SIM ID	477730
480-154729-10	DUP-061019-3	Total/NA	Water	8270D SIM ID	477730
MB 480-477730/1-A	Method Blank	Total/NA	Water	8270D SIM ID	477730
LCS 480-477730/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	477730
480-154729-6 MS	RFI-29	Total/NA	Water	8270D SIM ID	477730
480-154729-6 MSD	RFI-29	Total/NA	Water	8270D SIM ID	477730

GC Semi VOA

Prep Batch: 477362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-1	TW-5A	Total/NA	Water	3510C	
480-154729-2	LAE-4	Total/NA	Water	3510C	
480-154729-3	MW-6	Total/NA	Water	3510C	
480-154729-4	DUP-061019-2	Total/NA	Water	3510C	
480-154729-5	RFI-27	Total/NA	Water	3510C	
480-154729-6	RFI-29	Total/NA	Water	3510C	
480-154729-7	RFI-08A	Total/NA	Water	3510C	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

GC Semi VOA (Continued)

Prep Batch: 477362 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-8	RFI-11	Total/NA	Water	3510C	
480-154729-9	RFI-18	Total/NA	Water	3510C	
480-154729-10	DUP-061019-3	Total/NA	Water	3510C	
MB 480-477362/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-477362/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-477362/27-A	Lab Control Sample Dup	Total/NA	Water	3510C	
480-154729-3 MS	MW-6	Total/NA	Water	3510C	
480-154729-3 MSD	MW-6	Total/NA	Water	3510C	
480-154729-6 MS	RFI-29	Total/NA	Water	3510C	
480-154729-6 MSD	RFI-29	Total/NA	Water	3510C	

Prep Batch: 477477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-1	TW-5A	Total/NA	Water	3510C	
480-154729-2	LAE-4	Total/NA	Water	3510C	
480-154729-3	MW-6	Total/NA	Water	3510C	
480-154729-4	DUP-061019-2	Total/NA	Water	3510C	
480-154729-5	RFI-27	Total/NA	Water	3510C	
480-154729-6	RFI-29	Total/NA	Water	3510C	
480-154729-7	RFI-08A	Total/NA	Water	3510C	
480-154729-8	RFI-11	Total/NA	Water	3510C	
480-154729-9	RFI-18	Total/NA	Water	3510C	
480-154729-10	DUP-061019-3	Total/NA	Water	3510C	
MB 480-477477/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-477477/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-154729-3 MS	MW-6	Total/NA	Water	3510C	
480-154729-3 MSD	MW-6	Total/NA	Water	3510C	
480-154729-6 MS	RFI-29	Total/NA	Water	3510C	
480-154729-6 MSD	RFI-29	Total/NA	Water	3510C	

Analysis Batch: 477546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-4	DUP-061019-2	Total/NA	Water	608.3	477362
480-154729-5	RFI-27	Total/NA	Water	608.3	477362
480-154729-7	RFI-08A	Total/NA	Water	608.3	477362
480-154729-8	RFI-11	Total/NA	Water	608.3	477362
480-154729-9	RFI-18	Total/NA	Water	608.3	477362
480-154729-10	DUP-061019-3	Total/NA	Water	608.3	477362

Analysis Batch: 477550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-1	TW-5A	Total/NA	Water	608.3	477362
480-154729-2	LAE-4	Total/NA	Water	608.3	477362
480-154729-3	MW-6	Total/NA	Water	608.3	477362
480-154729-6	RFI-29	Total/NA	Water	608.3	477362
MB 480-477362/1-A	Method Blank	Total/NA	Water	608.3	477362
LCS 480-477362/2-A	Lab Control Sample	Total/NA	Water	608.3	477362
LCSD 480-477362/27-A	Lab Control Sample Dup	Total/NA	Water	608.3	477362
480-154729-3 MS	MW-6	Total/NA	Water	608.3	477362
480-154729-3 MSD	MW-6	Total/NA	Water	608.3	477362
480-154729-6 MS	RFI-29	Total/NA	Water	608.3	477362

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

GC Semi VOA (Continued)

Analysis Batch: 477550 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-6 MSD	RFI-29	Total/NA	Water	608.3	477362

Analysis Batch: 477635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-1	TW-5A	Total/NA	Water	608.3	477477
480-154729-2	LAE-4	Total/NA	Water	608.3	477477
480-154729-3	MW-6	Total/NA	Water	608.3	477477
480-154729-4	DUP-061019-2	Total/NA	Water	608.3	477477
480-154729-5	RFI-27	Total/NA	Water	608.3	477477
480-154729-6	RFI-29	Total/NA	Water	608.3	477477
480-154729-7	RFI-08A	Total/NA	Water	608.3	477477
480-154729-8	RFI-11	Total/NA	Water	608.3	477477
480-154729-9	RFI-18	Total/NA	Water	608.3	477477
480-154729-10	DUP-061019-3	Total/NA	Water	608.3	477477
MB 480-477477/1-A	Method Blank	Total/NA	Water	608.3	477477
LCS 480-477477/2-A	Lab Control Sample	Total/NA	Water	608.3	477477
480-154729-3 MS	MW-6	Total/NA	Water	608.3	477477
480-154729-3 MSD	MW-6	Total/NA	Water	608.3	477477
480-154729-6 MS	RFI-29	Total/NA	Water	608.3	477477
480-154729-6 MSD	RFI-29	Total/NA	Water	608.3	477477

Metals

Prep Batch: 477192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-1	TW-5A	Total/NA	Water	7470A	
480-154729-3	MW-6	Total/NA	Water	7470A	
MB 480-477192/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-477192/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-154729-3 MS	MW-6	Total/NA	Water	7470A	
480-154729-3 MSD	MW-6	Total/NA	Water	7470A	

Prep Batch: 477332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-1	TW-5A	Total/NA	Water	3005A	
480-154729-3	MW-6	Total/NA	Water	3005A	
480-154729-4	DUP-061019-2	Total/NA	Water	3005A	
480-154729-5	RFI-27	Total/NA	Water	3005A	
480-154729-6	RFI-29	Total/NA	Water	3005A	
480-154729-7	RFI-08A	Total/NA	Water	3005A	
480-154729-8	RFI-11	Total/NA	Water	3005A	
480-154729-9	RFI-18	Total/NA	Water	3005A	
480-154729-10	DUP-061019-3	Total/NA	Water	3005A	
MB 480-477332/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-477332/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-154729-3 MS	MW-6	Total/NA	Water	3005A	
480-154729-3 MSD	MW-6	Total/NA	Water	3005A	
480-154729-6 MS	RFI-29	Total/NA	Water	3005A	
480-154729-6 MSD	RFI-29	Total/NA	Water	3005A	

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Metals

Prep Batch: 477388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-4	DUP-061019-2	Total/NA	Water	7470A	
480-154729-5	RFI-27	Total/NA	Water	7470A	
480-154729-6	RFI-29	Total/NA	Water	7470A	
480-154729-7	RFI-08A	Total/NA	Water	7470A	
480-154729-8	RFI-11	Total/NA	Water	7470A	
480-154729-9	RFI-18	Total/NA	Water	7470A	
480-154729-10	DUP-061019-3	Total/NA	Water	7470A	
MB 480-477388/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-477388/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-154729-6 MS	RFI-29	Total/NA	Water	7470A	
480-154729-6 MSD	RFI-29	Total/NA	Water	7470A	

Analysis Batch: 477479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-1	TW-5A	Total/NA	Water	7470A	477192
480-154729-3	MW-6	Total/NA	Water	7470A	477192
480-154729-4	DUP-061019-2	Total/NA	Water	7470A	477388
480-154729-5	RFI-27	Total/NA	Water	7470A	477388
480-154729-6	RFI-29	Total/NA	Water	7470A	477388
480-154729-7	RFI-08A	Total/NA	Water	7470A	477388
480-154729-8	RFI-11	Total/NA	Water	7470A	477388
480-154729-9	RFI-18	Total/NA	Water	7470A	477388
480-154729-10	DUP-061019-3	Total/NA	Water	7470A	477388
MB 480-477192/1-A	Method Blank	Total/NA	Water	7470A	477192
MB 480-477388/1-A	Method Blank	Total/NA	Water	7470A	477388
LCS 480-477192/2-A	Lab Control Sample	Total/NA	Water	7470A	477192
LCS 480-477388/2-A	Lab Control Sample	Total/NA	Water	7470A	477388
480-154729-3 MS	MW-6	Total/NA	Water	7470A	477192
480-154729-3 MSD	MW-6	Total/NA	Water	7470A	477192
480-154729-6 MS	RFI-29	Total/NA	Water	7470A	477388
480-154729-6 MSD	RFI-29	Total/NA	Water	7470A	477388

Prep Batch: 477893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-2	LAE-4	Total/NA	Water	3005A	
MB 480-477893/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-477893/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 478451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-2	LAE-4	Total/NA	Water	6010C	477893
MB 480-477893/1-A	Method Blank	Total/NA	Water	6010C	477893
LCS 480-477893/2-A	Lab Control Sample	Total/NA	Water	6010C	477893

Analysis Batch: 478452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-1	TW-5A	Total/NA	Water	6010C	477332
480-154729-3	MW-6	Total/NA	Water	6010C	477332
480-154729-4	DUP-061019-2	Total/NA	Water	6010C	477332
480-154729-5	RFI-27	Total/NA	Water	6010C	477332
480-154729-6	RFI-29	Total/NA	Water	6010C	477332

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Metals (Continued)

Analysis Batch: 478452 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-7	RFI-08A	Total/NA	Water	6010C	477332
480-154729-8	RFI-11	Total/NA	Water	6010C	477332
480-154729-9	RFI-18	Total/NA	Water	6010C	477332
480-154729-10	DUP-061019-3	Total/NA	Water	6010C	477332
MB 480-477332/1-A	Method Blank	Total/NA	Water	6010C	477332
LCS 480-477332/2-A	Lab Control Sample	Total/NA	Water	6010C	477332
480-154729-3 MS	MW-6	Total/NA	Water	6010C	477332
480-154729-3 MSD	MW-6	Total/NA	Water	6010C	477332
480-154729-6 MS	RFI-29	Total/NA	Water	6010C	477332
480-154729-6 MSD	RFI-29	Total/NA	Water	6010C	477332

Analysis Batch: 479154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-2	LAE-4	Total/NA	Water	6010C	477893
MB 480-477893/1-A	Method Blank	Total/NA	Water	6010C	477893
LCS 480-477893/2-A	Lab Control Sample	Total/NA	Water	6010C	477893

Prep Batch: 480759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-2	LAE-4	Total/NA	Water	7470A	
MB 480-480759/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-480759/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-154729-2 MS	LAE-4	Total/NA	Water	7470A	
480-154729-2 MSD	LAE-4	Total/NA	Water	7470A	

Analysis Batch: 480846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-2	LAE-4	Total/NA	Water	7470A	480759
MB 480-480759/1-A	Method Blank	Total/NA	Water	7470A	480759
LCS 480-480759/2-A	Lab Control Sample	Total/NA	Water	7470A	480759
480-154729-2 MS	LAE-4	Total/NA	Water	7470A	480759
480-154729-2 MSD	LAE-4	Total/NA	Water	7470A	480759

General Chemistry

Analysis Batch: 477270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154729-3	MW-6	Total/NA	Water	7196A	
480-154729-4	DUP-061019-2	Total/NA	Water	7196A	
480-154729-7	RFI-08A	Total/NA	Water	7196A	
MB 480-477270/27	Method Blank	Total/NA	Water	7196A	
LCS 480-477270/28	Lab Control Sample	Total/NA	Water	7196A	

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: TW-5A

Lab Sample ID: 480-154729-1

Date Collected: 06/10/19 12:55

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	477323	06/12/19 10:43	AEM	TAL BUF
Total/NA	Prep	3510C			477322	06/12/19 06:58	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477685	06/13/19 21:38	PJQ	TAL BUF
Total/NA	Prep	3510C			477362	06/12/19 09:51	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477550	06/13/19 14:19	JLS	TAL BUF
Total/NA	Prep	3510C			477477	06/12/19 15:25	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477635	06/13/19 17:10	W1T	TAL BUF
Total/NA	Prep	3005A			477332	06/12/19 09:24	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478452	06/18/19 16:45	LMH	TAL BUF
Total/NA	Prep	7470A			477192	06/12/19 11:13	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477479	06/12/19 14:23	BMB	TAL BUF

Client Sample ID: LAE-4

Lab Sample ID: 480-154729-2

Date Collected: 06/10/19 14:25

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		200	477323	06/12/19 11:07	AEM	TAL BUF
Total/NA	Prep	3510C			477322	06/12/19 09:16	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477685	06/14/19 02:54	PJQ	TAL BUF
Total/NA	Prep	3510C			477362	06/12/19 09:51	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477550	06/13/19 14:39	JLS	TAL BUF
Total/NA	Prep	3510C			477477	06/12/19 15:25	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477635	06/13/19 17:23	W1T	TAL BUF
Total/NA	Prep	3005A			477893	06/17/19 07:06	EMB	TAL BUF
Total/NA	Analysis	6010C		1	479154	06/21/19 16:21	AMH	TAL BUF
Total/NA	Prep	3005A			477893	06/17/19 07:06	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478451	06/18/19 14:18	AMH	TAL BUF
Total/NA	Prep	7470A			480759	07/03/19 11:36	BMB	TAL BUF
Total/NA	Analysis	7470A		1	480846	07/03/19 15:10	BMB	TAL BUF

Client Sample ID: MW-6

Lab Sample ID: 480-154729-3

Date Collected: 06/10/19 10:40

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477516	06/12/19 22:57	AMM	TAL BUF
Total/NA	Prep	3510C			477322	06/12/19 06:58	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477685	06/13/19 20:41	PJQ	TAL BUF
Total/NA	Prep	3510C			477362	06/12/19 09:51	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477550	06/13/19 13:40	JLS	TAL BUF
Total/NA	Prep	3510C			477477	06/12/19 15:25	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477635	06/13/19 16:32	W1T	TAL BUF
Total/NA	Prep	3005A			477332	06/12/19 09:24	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478452	06/18/19 16:49	LMH	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: MW-6

Lab Sample ID: 480-154729-3

Date Collected: 06/10/19 10:40

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			477192	06/12/19 11:13	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477479	06/12/19 14:24	BMB	TAL BUF
Total/NA	Analysis	7196A		1	477270	06/11/19 09:31	MDL	TAL BUF

Client Sample ID: DUP-061019-2

Lab Sample ID: 480-154729-4

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477714	06/13/19 22:45	RJF	TAL BUF
Total/NA	Prep	3510C			477322	06/12/19 06:58	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477685	06/13/19 22:07	PJQ	TAL BUF
Total/NA	Prep	3510C			477362	06/12/19 09:51	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477546	06/13/19 13:42	JLS	TAL BUF
Total/NA	Prep	3510C			477477	06/12/19 15:25	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477635	06/13/19 17:36	W1T	TAL BUF
Total/NA	Prep	3005A			477332	06/12/19 09:24	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478452	06/18/19 17:07	LMH	TAL BUF
Total/NA	Prep	7470A			477388	06/12/19 11:13	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477479	06/12/19 14:31	BMB	TAL BUF
Total/NA	Analysis	7196A		1	477270	06/11/19 09:31	MDL	TAL BUF

Client Sample ID: RFI-27

Lab Sample ID: 480-154729-5

Date Collected: 06/10/19 14:30

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477323	06/12/19 11:56	AEM	TAL BUF
Total/NA	Prep	3510C			477322	06/12/19 06:58	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477685	06/13/19 22:36	PJQ	TAL BUF
Total/NA	Prep	3510C			477362	06/12/19 09:51	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477546	06/13/19 14:02	JLS	TAL BUF
Total/NA	Prep	3510C			477477	06/12/19 15:25	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477635	06/13/19 17:48	W1T	TAL BUF
Total/NA	Prep	3005A			477332	06/12/19 09:24	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478452	06/18/19 17:11	LMH	TAL BUF
Total/NA	Prep	7470A			477388	06/12/19 11:13	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477479	06/12/19 14:32	BMB	TAL BUF

Client Sample ID: RFI-29

Lab Sample ID: 480-154729-6

Date Collected: 06/10/19 15:40

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477537	06/13/19 10:49	AEM	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-29

Lab Sample ID: 480-154729-6

Date Collected: 06/10/19 15:40

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			477322	06/12/19 06:58	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477685	06/13/19 21:10	PJQ	TAL BUF
Total/NA	Prep	3510C			477730	06/14/19 06:48	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	477902	06/14/19 21:23	RJS	TAL BUF
Total/NA	Prep	3510C			477362	06/12/19 09:51	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477550	06/13/19 13:59	JLS	TAL BUF
Total/NA	Prep	3510C			477477	06/12/19 15:25	ATG	TAL BUF
Total/NA	Analysis	608.3		2	477635	06/13/19 16:44	W1T	TAL BUF
Total/NA	Prep	3005A			477332	06/12/19 09:24	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478452	06/18/19 17:15	LMH	TAL BUF
Total/NA	Prep	7470A			477388	06/12/19 11:13	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477479	06/12/19 14:36	BMB	TAL BUF

Client Sample ID: RFI-08A

Lab Sample ID: 480-154729-7

Date Collected: 06/10/19 10:45

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477516	06/12/19 23:24	AMM	TAL BUF
Total/NA	Prep	3510C			477322	06/12/19 06:58	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477685	06/13/19 23:06	PJQ	TAL BUF
Total/NA	Prep	3510C			477362	06/12/19 09:51	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477546	06/13/19 14:22	JLS	TAL BUF
Total/NA	Prep	3510C			477477	06/12/19 15:25	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477635	06/13/19 18:14	W1T	TAL BUF
Total/NA	Prep	3005A			477332	06/12/19 09:24	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478452	06/18/19 17:36	LMH	TAL BUF
Total/NA	Prep	7470A			477388	06/12/19 11:13	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477479	06/12/19 14:37	BMB	TAL BUF
Total/NA	Analysis	7196A		1	477270	06/11/19 09:31	MDL	TAL BUF

Client Sample ID: RFI-11

Lab Sample ID: 480-154729-8

Date Collected: 06/10/19 15:45

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	477537	06/13/19 11:14	AEM	TAL BUF
Total/NA	Prep	3510C			477322	06/12/19 06:58	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477685	06/13/19 23:35	PJQ	TAL BUF
Total/NA	Prep	3510C			477362	06/12/19 09:51	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477546	06/13/19 14:41	JLS	TAL BUF
Total/NA	Prep	3510C			477477	06/12/19 15:25	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477635	06/13/19 18:27	W1T	TAL BUF
Total/NA	Prep	3005A			477332	06/12/19 09:24	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478452	06/18/19 17:40	LMH	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Client Sample ID: RFI-11

Lab Sample ID: 480-154729-8

Date Collected: 06/10/19 15:45

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			477388	06/12/19 11:13	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477479	06/12/19 14:39	BMB	TAL BUF

Client Sample ID: RFI-18

Lab Sample ID: 480-154729-9

Date Collected: 06/10/19 13:00

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477323	06/12/19 12:45	AEM	TAL BUF
Total/NA	Prep	3510C			477322	06/12/19 06:58	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477685	06/14/19 00:03	PJQ	TAL BUF
Total/NA	Prep	3510C			477362	06/12/19 09:51	JMP	TAL BUF
Total/NA	Analysis	608.3		10	477546	06/13/19 16:00	JLS	TAL BUF
Total/NA	Prep	3510C			477477	06/12/19 15:25	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477635	06/13/19 18:40	W1T	TAL BUF
Total/NA	Prep	3005A			477332	06/12/19 09:24	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478452	06/18/19 17:44	LMH	TAL BUF
Total/NA	Prep	7470A			477388	06/12/19 11:13	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477479	06/12/19 14:40	BMB	TAL BUF

Client Sample ID: DUP-061019-3

Lab Sample ID: 480-154729-10

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477537	06/13/19 11:38	AEM	TAL BUF
Total/NA	Prep	3510C			477322	06/12/19 06:58	SMP	TAL BUF
Total/NA	Analysis	8270D		1	477685	06/14/19 00:32	PJQ	TAL BUF
Total/NA	Prep	3510C			477730	06/14/19 06:48	JMP	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	477902	06/14/19 22:12	RJS	TAL BUF
Total/NA	Prep	3510C			477362	06/12/19 09:51	JMP	TAL BUF
Total/NA	Analysis	608.3		1	477546	06/13/19 15:21	JLS	TAL BUF
Total/NA	Prep	3510C			477477	06/12/19 15:25	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477635	06/13/19 18:53	W1T	TAL BUF
Total/NA	Prep	3005A			477332	06/12/19 09:24	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478452	06/18/19 17:48	LMH	TAL BUF
Total/NA	Prep	7470A			477388	06/12/19 11:13	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477479	06/12/19 14:50	BMB	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-154729-11

Date Collected: 06/10/19 00:00

Matrix: Water

Date Received: 06/11/19 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477323	06/12/19 13:09	AEM	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Accreditation/Certification Summary

Client: New York State D.E.C.

Job ID: 480-154729-1

Project/Site: Altech Specialty Steel #907022

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

Method Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	TAL BUF
608.3	Organochlorine Pesticides in Water	40CFR136A	TAL BUF
608.3	Polychlorinated Biphenyls (PCBs) (GC)	40CFR136A	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
7196A	Chromium, Hexavalent	SW846	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-154729-1	TW-5A	Water	06/10/19 12:55	06/11/19 19:10	
480-154729-2	LAE-4	Water	06/10/19 14:25	06/11/19 19:10	
480-154729-3	MW-6	Water	06/10/19 10:40	06/11/19 19:10	
480-154729-4	DUP-061019-2	Water	06/10/19 00:00	06/11/19 19:10	
480-154729-5	RFI-27	Water	06/10/19 14:30	06/11/19 19:10	
480-154729-6	RFI-29	Water	06/10/19 15:40	06/11/19 19:10	
480-154729-7	RFI-08A	Water	06/10/19 10:45	06/11/19 19:10	
480-154729-8	RFI-11	Water	06/10/19 15:45	06/11/19 19:10	
480-154729-9	RFI-18	Water	06/10/19 13:00	06/11/19 19:10	
480-154729-10	DUP-061019-3	Water	06/10/19 00:00	06/11/19 19:10	
480-154729-11	TRIP BLANK	Water	06/10/19 00:00	06/11/19 19:10	



New York State Dept. of Environmental Conservation

180-154729 Chain of Custody

PAGE OF

Bottle Order Control #

Lab Job

Lab Quote #

[illegible]

Data Deliverable Information	
Commercial 'A' (Level 1) = Results Only	
Commercial 'B' (Level 2) = Results + QC Summary	
FULLT1 (Level 3 & 4)	
NI Reduced = Results + QC Summary + Partial Raw Data	
Commercial 'C'	
NI Data of Known Quality Protocol Reporting	
NYASP Category A	
✓ NYASP Category B	
State Forms	
✓ EQEDD for GES EQULS	
✓ NYDEC EDD for NYDEC	

Laboratory Information	
Lab:	TestAmerica Laboratories, Inc. - Buffalo
Address:	10 Hazelwood Dr, Amherst, NY 14228
Phone:	716-691-2600
Lab PM:	Oriette Johnson
Lab PM Email:	oriette.johnson@testamericainc.com

[illegible]

☒ Standard 14 Days _____ / _____ / _____

☐ 1 day RUSH _____ / _____ / _____

☐ Other _____ / _____ / _____

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC/Dunkirk/WillowbrookAve_LabReport#.26699.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.			
Relinquished By Sampler:	Date / Time:	Received By:	
1	15/10/19 1910	1	
Relinquished By:	Date / Time:	Received By:	
2	2	2	
Relinquished By:	Date / Time:	Received By:	
3	3	3	
Custody Seal Number:	☐ Intact ☐ Not Intact	☐ Preserved where applicable ☐ On Ice ☐ Cooler Temp	

Temp 3.6, 4.2, 3.3, 4.7, 2.9, 2.7
3.6, 4.6 #1 ICE



CHAIN OF CUSTODY

Client: New York State Dept. of
Environmental Conservation

PAGE 0F

FED-EX Tracking #	Bottle Order Control #
Lab Quote #	Lab Job #

CLIENT/REPORTING INFORMATION			PROJECT INFORMATION			BILLING INFORMATION										REQUESTED ANALYSIS (see Test Code sheet)										LAB USE ONLY
Groundwater & Environmental Services, Inc. 415 Lawrence Bell Drive, Williamsville, NY 14221 Project Manager: Eric D. Popken PM Email: NERegion@gesonline.com 866-902-2187 fax			Project Name: NYSDEC/Dunkirk/WillowbrookAve Project Address: Willowbrook Avenue, Dunkirk, NY Project PSID #: 784171			NYSDEC Region 9 NYSDEC Project Manager: Maurice Moore Phone No.: 716-851-7220 Invoice Instructions NYSDEC Site No.: 907022 Lab Project Manager: Orlette Johnson																				
Sampler(s) Name: Pete Zaffram			Sampler(s) Name: Pat Colern			number of preserved bottles																				
Lab Sample #	Field ID / Point of Collection (Sys Loc Code)	Depth Interval (ft)	Date Sampled	Time Sampled	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	DI Water	MEOH	ENCORE	Amber	VOCs	SVOCs	Pesticides	Metals + Mercury	PCBs	CrVI	1,4-Dioxane	MS/MSD Collected				
	B-1	NA			GW										X	X	X	X	X	X						
	BF5-1	NA			GW										X	X	X	X	X	X						
	BF5-2	NA			GW										X	X	X	X	X	X						
	BR-2	NA			GW										X	X	X	X	X	X						
	BR-3	NA			GW										X	X	X	X	X	X						
	BR-4	NA			GW										X	X	X	X	X	X						
	LAE-4	NA			GW										X	X	X	X	X	X						
	MW-6	NA	6-10-19	1423	GW	10									X	X	X	X	X	X						
	MW-7	NA	6-10-19	1040	GW	33									X	X	X	X	X	X						
	MW-8	NA			GW										X	X	X	X	X	X						
	RFH-01	NA			GW										X	X	X	X	X	X						
	REL-02	NA			GW										X	X	X	X	X	X						
	Dop-06/019-2	NA	6-10-19		GW	11									X	X	X	X	X	X						

- Turnaround Time (Business Days) Approved By (Lab PM) / Date
- ☒ Standard 14 Days
☐ 1 day RUSH
☐ Other
- Lab: TestAmerica Laboratories, Inc. - Buffalo
Address: 10 Hazelwood Dr, Amherst, NY 14228
Phone: 716-691-2600
Lab PM: Orlette Johnson
Lab PM Email: orlette.johnson@testamericainc.com
- Data Deliverable Information
☐ Commercial 'A' (Level 1) = Results Only
☐ Commercial 'B' (Level 2) = Results + QC Summary
☐ FULL T1 (Level 3 & 4)
☐ NJ Reduced = Results + QC Summary + Partial Raw Data
☐ Commercial 'C'
☐ NJ Data of Known Quality Protocol Reporting
☐ NYASP Category A
☒ NYASP Category B
☐ State Forms
☒ EQEDD for GES Equis
☒ NYDEC EDD for NYSDEC Equis

Please Email the EQ EDD Package to ges@eqisonline.com
EQEDD Name: NYSDEC/Dunkirk/WillowbrookAve_LabReport#.26699.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.	
Relinquished By: <i>Pete Zaffram</i>	Received By: <i>Orlette Johnson</i>
1 Date / Time: 6/10/19 1410	1 Date / Time: 6/10/19 1410
Relinquished By:	Received By:
2 Date / Time:	2 Date / Time:
Relinquished By:	Received By:
3 Date / Time:	3 Date / Time:
Custody Seal Number:	Preserved where applicable
☐ Intact ☐ Not Intact	☐ On Ice ☐ Cooler Temp



CHAIN OF CUSTODY

New York State Dept. of Environmental Conservation

PAGE 0F

FED-EX Tracking #	Bottle Order Control #
Lab Quote #	Lab Job #

CLIENT/REPORTING INFORMATION			PROJECT INFORMATION			BILLING INFORMATION			REQUESTED ANALYSIS (see Test Code sheet)										LAB USE ONLY					
Groundwater & Environmental Services, Inc. 415 Lawrence Bell Drive, Williamsville, NY 14221 Project Manager: Eric D. Popken Phone #: 800-287-7857 PM Email: NERegion@gesonline.com 866-902-2187 fax			Project Name: NYSDEC/Dunkirk/WillowbrookAve Project Address: Willowbrook Avenue, Dunkirk, NY Project PSID #: 784171 Sampler(s) Name: Pete Zaffram			NYSDEC Region 9 NYSDEC Project Manager: Maurice Moore Phone No.: 716-851-7220 Invoice Instructions NYSDEC Site No.: 907022 Lab Project Manager: Orlette Johnson																		
Lab Sample #	Field ID / Point of Collection (Sys Loc code)	Depth Interval (ft)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber	VOCs	SVOCs	Pesticides	Metals + Mercury	PCBs	CVI	1,4-Dioxane	MS/MSD Collected
	RFI-22	NA				GW											X	X	X	X	X			
	RFI-23	NA				GW											X	X	X	X	X			
	RFI-24	NA				GW											X	X	X	X	X			
	RFI-25	NA				GW											X	X	X	X	X			
	RFI-26	NA				GW											X	X	X	X	X			
	RFI-27	NA	6-10-19	1430	P.L.	GW	10										X	X	X	X	X			
	RFI-28	NA				GW											X	X	X	X	X			
	RFI-29	NA	6-10-19	1540	P.L.	GW	36										X	X	X	X	X			
	RFI-30	NA				GW											X	X	X	X	X			
	RFI-31	NA				GW											X	X	X	X	X			
	RFI-34	NA				GW											X	X	X	X	X			
	RFI-35	NA				GW											X	X	X	X	X			

- Turnaround Time (Business Days) Approved By (Lab PM) / Date
- ☒ Standard 14 Days
- ☐ 1 day RUSH
- ☐ Other
- Laboratory Information**
- Lab: TestAmerica Laboratories, Inc. - Buffalo
- Address: 10 Hazelwood Dr, Amherst, NY 14228
- Phone: 716-691-2600
- Lab PM: Orlette Johnson
- Lab PM Email: orlette.johnson@testamericainc.com
- Data Deliverable Information**
- ☐ Commercial 'A' (Level 1) = Results Only
- ☐ Commercial 'B' (Level 2) = Results + QC Summary
- ☐ FULLT1 (Level 3 & 4)
- ☐ NI Reduced = Results + QC Summary + Partial Raw Data
- ☐ Commercial 'C'
- ☐ NI Data of Known Quality Protocol Reporting
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☒ EQEDD for GES EQUIS
- ☒ NYDEC EDD for NYSDEC EQUIS

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC/Dunkirk/WillowbrookAve_LabReport# 26699.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.		
Relinquished By: <i>[Signature]</i>	Date / Time: 6/10/19 1910	Received By: <i>[Signature]</i>
Relinquished By: 1	Date / Time: 1	Received By: 2
Relinquished By: 2	Date / Time: 2	Received By: 3
Relinquished By: 3	Date / Time: 3	Received By: 3
Custody Seal Number: ☐ Intact ☐ Not Intact	Preserved where applicable	Cooler Temp



CHAIN OF CUSTODY

New York State Dept. of Environmental Conservation

PAGE OF

FED-EX Tracking #	Bottle Order Control #
Lab Quote #	Lab Job #

CLIENT/REPORTING INFORMATION			PROJECT INFORMATION			BILLING INFORMATION			REQUESTED ANALYSIS (see Test Code sheet)						LAB USE ONLY
Groundwater & Environmental Services, Inc. 415 Lawrence Bell Drive, Williamsville, NY 14221 Project Manager: Eric D. Popken 800-287-7857 PM Email: NERegion@gesonline.com 866-902-2187 fax			Project Name: NYSDEC/Dunkirk/WillowbrookAve Project Address: Willowbrook Avenue, Dunkirk, NY Project PSID #: 784171			NYSDEC Region 9 NYSDEC Project Manager: Maurice Moore Phone No.: 716-851-7220 Invoice Instructions NYSDEC Site No.: 907022 Lab Project Manager: Orlette Johnson			VOCs SVOCs Pesticides Metals + Mercury PCBs CrVI 1,4-Dioxane MS/MSD Collected						
Sampler(s) Name: Pete Zaffram			Sampler(s) Name: Pat Colern			number of preserved bottles HCl NaOH HNO3 H2SO4 DI Water MEOH ENCORE Amber									
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Depth Interval (ft)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles								
	REF-04	NA	6-10-19	1045	PC	GW	11								
	REF-05A	NA				GW									
	REF-06	NA				GW									
	REF-08A	NA				GW									
	REF-9	NA				GW									
	REF-10	NA				GW									
	REF-11	NA	6-10-19	1545	P.Z.	GW	10								
	REF-12	NA				GW									
	REF-16	NA				GW									
	REF-17	NA				GW									
	REF-18	NA	6-10-19	1300	PZ	GW	10								
	REF-19	NA				GW									
	DUP-061019-3	NA	6-10-19		P.C.	GW	12							X	

Turnaround Time (Business Days) Approved By (Lab PM) / Date

☒ Standard 14 Days

☐ 1 day RUSH

☐ Other

Lab: TestAmerica Laboratories, Inc. - Buffalo

Address: 10 Hazelwood Dr, Amherst, NY 14228

Phone: 716-691-2600

Lab PM: Orlette Johnson

Lab PM Email: orlette.johnson@testamericainc.com

Data Deliverable Information

☐ Commercial 'A' (Level 1) = Results Only

☐ Commercial 'B' (Level 2) = Results + QC Summary

☐ FULLT1 (Level 3 & 4)

☐ NI Reduced = Results + QC Summary + Partial Raw Data

☐ Commercial 'C'

☐ NI Data of Known Quality Protocol Reporting

☐ NYASP Category A

☐ NYASP Category B

☐ State Forms

☒ EQEDD for GES EQUIS

☒ NYDEC EDD for NYSDEC

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC/Dunkirk/WillowbrookAve_LabReport#.26699, EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.		
Relinquished By Sampler: 1 <i>[Signature]</i>	Date / Time: 1 6/10/19 1910	Received By: 1 <i>[Signature]</i>
Relinquished By: 2	Date / Time: 2	Received By: 2
Relinquished By: 3	Date / Time: 3	Received By: 3
Custody Seal Number:		
☐ Intact ☐ Not Intact		
Preserved where applicable ☐ On Ice ☐ Cooler Temp		

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-154729-1

Login Number: 154729

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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	
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154729-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE						
		(15-110)						
480-154729-6	RFI-29	26						
480-154729-6 MS	RFI-29	30						
480-154729-6 MSD	RFI-29	29						
480-154729-10	DUP-061019-3	26						
LCS 480-477730/2-A	Lab Control Sample	28						
MB 480-477730/1-A	Method Blank	28						

Surrogate Legend

DXE = 1,4-Dioxane-d8

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

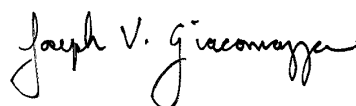
Laboratory Job ID: 480-154785-1

Client Project/Site: Altech Specialty Steel #907022

For:

New York State D.E.C.
270 Michigan Avenue
Buffalo, New York 14203

Attn: Mr. Maurice Moore



Authorized for release by:
6/26/2019 9:45:05 AM

Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

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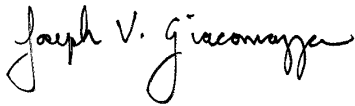
www.testamericainc.com

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.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
6/26/2019 9:45:05 AM

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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

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.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

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.

GC Semi VOA

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.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

Case Narrative

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Job ID: 480-154785-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-154785-1

Comments

No additional comments.

Receipt

The samples were received on 6/11/2019 4:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 3.3° C, 3.9° C, 4.0° C, 4.4° C, 4.6° C and 5.0° C.

Receipt Exceptions

VOA Vials were received for sample WT-1B (480-154785-2)

This sample is listed as RFI-23 on the CoC but the bottle labels are RFI-29. Sample was logged in as per CoC.

Sample ID's listed on CoC and containers did not match, dates and times on CoC and container labels matched. Information listed on CoC was used for sample login.

RFI-19 (480-154785-6) and RFI-23 (480-154785-9)

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-477721 recovered outside acceptance criteria, low biased, for 2-Butanone (MEK). A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. WT-1A (480-154785-1), WT-2 (480-154785-3), WT-3 (480-154785-4), WT-4 (480-154785-5), RFI-19 (480-154785-6), WP-3A (480-154785-7), BR-2 (480-154785-8), RFI-23 (480-154785-9) and WP-4 (480-154785-10)

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: WP-4 (480-154785-10). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-478836 recovered above the upper control limit for 4-Nitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: WT-1A (480-154785-1), WT-1B (480-154785-2), WT-2 (480-154785-3), WT-3 (480-154785-4), WT-4 (480-154785-5), RFI-19 (480-154785-6), WP-3A (480-154785-7), BR-2 (480-154785-8), RFI-23 (480-154785-9) and WP-4 (480-154785-10).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-478836 recovered outside acceptance criteria, low biased, for 4-Chloroaniline and Carbazole. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: WT-1A (480-154785-1), WT-1B (480-154785-2), WT-2 (480-154785-3), WT-3 (480-154785-4), WT-4 (480-154785-5), RFI-19 (480-154785-6), WP-3A (480-154785-7), BR-2 (480-154785-8), RFI-23 (480-154785-9) and WP-4 (480-154785-10).

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

GC Semi VOA

Method(s) 608.3: All primary data for analytical batch 478016 is reported from the ZB-5 column.

Method(s) 608.3: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method(s) 608.3: All primary data for analytical batch 477739 is reported from the RTX-CLPII column.

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

Case Narrative

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Job ID: 480-154785-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

Metals

Method(s) 6010C: The recovery of Post Spike, (480-154785-G-1-A PDS), in batch 480-477503 exhibited results outside the quality control limits for Total Manganese and Sodium. However, the Serial Dilution of this sample was compliant. Therefore, no corrective action was necessary.

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

Organic Prep

Method(s) 3510C: During pH adjustment, the following sample required a drop of acid to reach the desired pH: WT-2 (480-154785-3). Most samples take less than a drop to reach the desired range.

Method(s) 3510C: During pH adjustment, the following sample required a drop of acid to reach the desired pH: WT-2 (480-154785-3). Most samples take less than a drop to reach the desired range.

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

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-1A

Lab Sample ID: 480-154785-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.54	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.3	J B	5.0	0.44	ug/L	1		8270D	Total/NA
alpha-BHC	0.013	J	0.050	0.0077	ug/L	1		608.3	Total/NA
delta-BHC	0.024	J B	0.050	0.010	ug/L	1		608.3	Total/NA
gamma-BHC (Lindane)	0.022	J	0.050	0.0080	ug/L	1		608.3	Total/NA
Dieldrin	0.014	J	0.050	0.0098	ug/L	1		608.3	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	158		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0072		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.00078	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0037	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.7		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0030	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	41.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.6		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.019		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	93.7		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: WT-1B

Lab Sample ID: 480-154785-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.42	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.44	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.0	J B	5.0	0.44	ug/L	1		8270D	Total/NA
delta-BHC	0.015	J B	0.050	0.010	ug/L	1		608.3	Total/NA
Barium	0.13		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	147		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0016	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.31		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	31.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.32		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0023	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	88.0		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: WT-2

Lab Sample ID: 480-154785-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.5	J	10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	9.3		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	0.85	J	1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	3.6		1.0	0.90	ug/L	1		8260C	Total/NA
Acetophenone	1.0	J	5.0	0.54	ug/L	1		8270D	Total/NA
Fluorene	0.48	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.0	J B	5.0	0.44	ug/L	1		8270D	Total/NA
delta-BHC	0.015	J B	0.050	0.010	ug/L	1		608.3	Total/NA
Aluminum	0.65		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.077		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	120		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0012	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0031	J	0.010	0.0016	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-2 (Continued)

Lab Sample ID: 480-154785-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.042		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	11.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	35.2		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: WT-3

Lab Sample ID: 480-154785-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.48	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.44	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	1.9	J B	5.0	0.44	ug/L	1		8270D	Total/NA
delta-BHC	0.015	J B	0.050	0.010	ug/L	1		608.3	Total/NA
Barium	0.012		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	379		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0017	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0019	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	2.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	110		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.8		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.016		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	9.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	109		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: WT-4

Lab Sample ID: 480-154785-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	0.26	J	5.0	0.22	ug/L	1		8270D	Total/NA
Fluorene	0.57	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.3	J B	5.0	0.44	ug/L	1		8270D	Total/NA
delta-BHC	0.015	J B	0.050	0.010	ug/L	1		608.3	Total/NA
gamma-BHC (Lindane)	0.013	J	0.050	0.0080	ug/L	1		608.3	Total/NA
Aluminum	0.069	J	0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0073	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.055		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	201		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	2.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	64.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.8		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	6.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	168		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-19

Lab Sample ID: 480-154785-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.49	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.1	J B	5.0	0.44	ug/L	1		8270D	Total/NA
delta-BHC	0.015	J B	0.050	0.010	ug/L	1		608.3	Total/NA
Aluminum	0.18	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.17		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	82.5		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0023	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.92		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	49.6		0.20	0.043	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-19 (Continued)

Lab Sample ID: 480-154785-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.058		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0037	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	64.8		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.017		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: WP-3A

Lab Sample ID: 480-154785-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.48	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.1	J B	5.0	0.44	ug/L	1		8270D	Total/NA
delta-BHC	0.015	J B	0.050	0.010	ug/L	1		608.3	Total/NA
Barium	0.11		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	124		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0016	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	0.37		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	54.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.11		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	39.1		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: BR-2

Lab Sample ID: 480-154785-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	20		1.0	0.81	ug/L	1		8260C	Total/NA
Fluorene	0.60	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.6	J B	5.0	0.44	ug/L	1		8270D	Total/NA
delta-BHC	0.015	J B	0.050	0.010	ug/L	1		608.3	Total/NA
Aluminum	0.69		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.11		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	208		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0012	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0011	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	1.7		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	65.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.18		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	7.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	347		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-23

Lab Sample ID: 480-154785-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.53	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.51	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.3	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.047		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	131		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	4.1		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0030	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	52.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.058		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	2.6		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-23 (Continued)

Lab Sample ID: 480-154785-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	20.3		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: WP-4

Lab Sample ID: 480-154785-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	140		4.0	3.2	ug/L	4		8260C	Total/NA
trans-1,2-Dichloroethene	4.6		4.0	3.6	ug/L	4		8260C	Total/NA
Trichloroethene	13		4.0	1.8	ug/L	4		8260C	Total/NA
Fluorene	0.49	J B	5.2	0.38	ug/L	1		8270D	Total/NA
Phenanthrene	2.1	J B	5.2	0.46	ug/L	1		8270D	Total/NA
delta-BHC	0.015	J B	0.050	0.010	ug/L	1		608.3	Total/NA
Barium	0.025		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	162		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0033	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Magnesium	45.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.036		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0044	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	110		1.0	0.32	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-1A

Lab Sample ID: 480-154785-1

Date Collected: 06/11/19 12:30

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/14/19 02:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/14/19 02:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/14/19 02:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/14/19 02:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/14/19 02:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/14/19 02:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/14/19 02:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/14/19 02:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/14/19 02:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/14/19 02:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/14/19 02:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/14/19 02:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/14/19 02:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/14/19 02:22	1
2-Hexanone	ND		5.0	1.2	ug/L			06/14/19 02:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/14/19 02:22	1
Acetone	ND		10	3.0	ug/L			06/14/19 02:22	1
Benzene	ND		1.0	0.41	ug/L			06/14/19 02:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/14/19 02:22	1
Bromoform	ND		1.0	0.26	ug/L			06/14/19 02:22	1
Bromomethane	ND		1.0	0.69	ug/L			06/14/19 02:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/14/19 02:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/14/19 02:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/14/19 02:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/14/19 02:22	1
Chloroethane	ND		1.0	0.32	ug/L			06/14/19 02:22	1
Chloroform	ND		1.0	0.34	ug/L			06/14/19 02:22	1
Chloromethane	ND		1.0	0.35	ug/L			06/14/19 02:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/14/19 02:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/14/19 02:22	1
Cyclohexane	ND		1.0	0.18	ug/L			06/14/19 02:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/14/19 02:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/14/19 02:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/14/19 02:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/14/19 02:22	1
Methyl acetate	ND		2.5	1.3	ug/L			06/14/19 02:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/14/19 02:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/14/19 02:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/14/19 02:22	1
Styrene	ND		1.0	0.73	ug/L			06/14/19 02:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/14/19 02:22	1
Toluene	ND		1.0	0.51	ug/L			06/14/19 02:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/14/19 02:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/14/19 02:22	1
Trichloroethene	ND		1.0	0.46	ug/L			06/14/19 02:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/14/19 02:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/14/19 02:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/14/19 02:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-1A

Lab Sample ID: 480-154785-1

Date Collected: 06/11/19 12:30

Matrix: Water

Date Received: 06/11/19 16:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/14/19 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120					06/14/19 02:22	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					06/14/19 02:22	1
4-Bromofluorobenzene (Surr)	90		73 - 120					06/14/19 02:22	1
Dibromofluoromethane (Surr)	96		75 - 123					06/14/19 02:22	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/13/19 08:25	06/20/19 19:39	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/13/19 08:25	06/20/19 19:39	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 19:39	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/13/19 08:25	06/20/19 19:39	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 19:39	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/13/19 08:25	06/20/19 19:39	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 19:39	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 19:39	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 19:39	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 19:39	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/13/19 08:25	06/20/19 19:39	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 19:39	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/13/19 08:25	06/20/19 19:39	1
2-Nitroaniline	ND		10	0.42	ug/L		06/13/19 08:25	06/20/19 19:39	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 19:39	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 19:39	1
3-Nitroaniline	ND		10	0.48	ug/L		06/13/19 08:25	06/20/19 19:39	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 19:39	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 19:39	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 19:39	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 19:39	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 19:39	1
4-Methylphenol	ND		10	0.36	ug/L		06/13/19 08:25	06/20/19 19:39	1
4-Nitroaniline	ND		10	0.25	ug/L		06/13/19 08:25	06/20/19 19:39	1
4-Nitrophenol	ND		10	1.5	ug/L		06/13/19 08:25	06/20/19 19:39	1
Acenaphthene	ND		5.0	0.41	ug/L		06/13/19 08:25	06/20/19 19:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/13/19 08:25	06/20/19 19:39	1
Acetophenone	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 19:39	1
Anthracene	ND		5.0	0.28	ug/L		06/13/19 08:25	06/20/19 19:39	1
Atrazine	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 19:39	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/13/19 08:25	06/20/19 19:39	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 19:39	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 19:39	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 19:39	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 19:39	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/13/19 08:25	06/20/19 19:39	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 19:39	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 19:39	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 19:39	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/13/19 08:25	06/20/19 19:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-1A

Lab Sample ID: 480-154785-1

Date Collected: 06/11/19 12:30

Matrix: Water

Date Received: 06/11/19 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 19:39	1
Carbazole	ND		5.0	0.30	ug/L		06/13/19 08:25	06/20/19 19:39	1
Chrysene	ND		5.0	0.33	ug/L		06/13/19 08:25	06/20/19 19:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/13/19 08:25	06/20/19 19:39	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/13/19 08:25	06/20/19 19:39	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 19:39	1
Dibenzofuran	ND		10	0.51	ug/L		06/13/19 08:25	06/20/19 19:39	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/13/19 08:25	06/20/19 19:39	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 19:39	1
Fluoranthene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 19:39	1
Fluorene	0.54	J B	5.0	0.36	ug/L		06/13/19 08:25	06/20/19 19:39	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 19:39	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/13/19 08:25	06/20/19 19:39	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 19:39	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 19:39	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 19:39	1
Isophorone	ND		5.0	0.43	ug/L		06/13/19 08:25	06/20/19 19:39	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 19:39	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 19:39	1
Naphthalene	ND		5.0	0.76	ug/L		06/13/19 08:25	06/20/19 19:39	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/13/19 08:25	06/20/19 19:39	1
Pentachlorophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 19:39	1
Phenanthrene	2.3	J B	5.0	0.44	ug/L		06/13/19 08:25	06/20/19 19:39	1
Phenol	ND		5.0	0.39	ug/L		06/13/19 08:25	06/20/19 19:39	1
Pyrene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 19:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	86		46 - 120	06/13/19 08:25	06/20/19 19:39	1
Phenol-d5 (Surr)	49		22 - 120	06/13/19 08:25	06/20/19 19:39	1
p-Terphenyl-d14 (Surr)	76		59 - 136	06/13/19 08:25	06/20/19 19:39	1
2,4,6-Tribromophenol (Surr)	109		41 - 120	06/13/19 08:25	06/20/19 19:39	1
2-Fluorobiphenyl	96		48 - 120	06/13/19 08:25	06/20/19 19:39	1
2-Fluorophenol (Surr)	69		35 - 120	06/13/19 08:25	06/20/19 19:39	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/13/19 15:42	06/14/19 11:10	1
alpha-BHC	0.013	J	0.050	0.0077	ug/L		06/13/19 15:42	06/14/19 11:10	1
beta-BHC	ND		0.050	0.025	ug/L		06/13/19 15:42	06/14/19 11:10	1
delta-BHC	0.024	J B	0.050	0.010	ug/L		06/13/19 15:42	06/14/19 11:10	1
gamma-BHC (Lindane)	0.022	J	0.050	0.0080	ug/L		06/13/19 15:42	06/14/19 11:10	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/13/19 15:42	06/14/19 11:10	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/13/19 15:42	06/14/19 11:10	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 11:10	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 11:10	1
Dieldrin	0.014	J	0.050	0.0098	ug/L		06/13/19 15:42	06/14/19 11:10	1
Endosulfan I	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 11:10	1
Endosulfan II	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 11:10	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 11:10	1
Endrin	ND		0.050	0.014	ug/L		06/13/19 15:42	06/14/19 11:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-1A

Lab Sample ID: 480-154785-1

Date Collected: 06/11/19 12:30

Matrix: Water

Date Received: 06/11/19 16:20

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 11:10	1
Heptachlor	ND		0.050	0.0085	ug/L		06/13/19 15:42	06/14/19 11:10	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/13/19 15:42	06/14/19 11:10	1
Toxaphene	ND		0.50	0.12	ug/L		06/13/19 15:42	06/14/19 11:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		23 - 120	06/13/19 15:42	06/14/19 11:10	1
DCB Decachlorobiphenyl	67		23 - 120	06/13/19 15:42	06/14/19 11:10	1
Tetrachloro-m-xylene	70		44 - 120	06/13/19 15:42	06/14/19 11:10	1
Tetrachloro-m-xylene	60		44 - 120	06/13/19 15:42	06/14/19 11:10	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:01	1
PCB-1221	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:01	1
PCB-1232	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:01	1
PCB-1242	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:01	1
PCB-1248	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:01	1
PCB-1254	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 15:01	1
PCB-1260	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		36 - 121	06/13/19 15:50	06/16/19 15:01	1
DCB Decachlorobiphenyl	70		36 - 121	06/13/19 15:50	06/16/19 15:01	1
Tetrachloro-m-xylene	73		42 - 135	06/13/19 15:50	06/16/19 15:01	1
Tetrachloro-m-xylene	64		42 - 135	06/13/19 15:50	06/16/19 15:01	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/13/19 07:42	06/18/19 20:07	1
Antimony	ND		0.020	0.0068	mg/L		06/13/19 07:42	06/18/19 20:07	1
Arsenic	ND		0.015	0.0056	mg/L		06/13/19 07:42	06/18/19 20:07	1
Barium	0.10		0.0020	0.00070	mg/L		06/13/19 07:42	06/18/19 20:07	1
Beryllium	ND		0.0020	0.00030	mg/L		06/13/19 07:42	06/18/19 20:07	1
Cadmium	ND		0.0020	0.00050	mg/L		06/13/19 07:42	06/18/19 20:07	1
Calcium	158		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:07	1
Chromium	0.0072		0.0040	0.0010	mg/L		06/13/19 07:42	06/18/19 20:07	1
Cobalt	0.00078	J	0.0040	0.00063	mg/L		06/13/19 07:42	06/18/19 20:07	1
Copper	0.0037	J	0.010	0.0016	mg/L		06/13/19 07:42	06/18/19 20:07	1
Iron	1.7		0.050	0.019	mg/L		06/13/19 07:42	06/18/19 20:07	1
Lead	0.0030	J	0.010	0.0030	mg/L		06/13/19 07:42	06/18/19 20:07	1
Magnesium	41.7		0.20	0.043	mg/L		06/13/19 07:42	06/18/19 20:07	1
Manganese	1.6		0.0030	0.00040	mg/L		06/13/19 07:42	06/18/19 20:07	1
Nickel	0.019		0.010	0.0013	mg/L		06/13/19 07:42	06/18/19 20:07	1
Potassium	1.4		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:07	1
Selenium	ND		0.025	0.0087	mg/L		06/13/19 07:42	06/18/19 20:07	1
Silver	ND		0.0060	0.0017	mg/L		06/13/19 07:42	06/18/19 20:07	1
Sodium	93.7		1.0	0.32	mg/L		06/13/19 07:42	06/18/19 20:07	1
Thallium	ND		0.020	0.010	mg/L		06/13/19 07:42	06/18/19 20:07	1
Vanadium	ND		0.0050	0.0015	mg/L		06/13/19 07:42	06/18/19 20:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-1A

Lab Sample ID: 480-154785-1

Date Collected: 06/11/19 12:30

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/13/19 07:42	06/18/19 20:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/13/19 11:33	06/13/19 14:38	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-1B

Lab Sample ID: 480-154785-2

Date Collected: 06/11/19 13:45

Matrix: Water

Date Received: 06/11/19 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/13/19 08:25	06/20/19 20:07	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/13/19 08:25	06/20/19 20:07	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 20:07	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/13/19 08:25	06/20/19 20:07	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 20:07	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/13/19 08:25	06/20/19 20:07	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 20:07	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 20:07	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 20:07	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 20:07	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/13/19 08:25	06/20/19 20:07	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 20:07	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/13/19 08:25	06/20/19 20:07	1
2-Nitroaniline	ND		10	0.42	ug/L		06/13/19 08:25	06/20/19 20:07	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 20:07	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 20:07	1
3-Nitroaniline	ND		10	0.48	ug/L		06/13/19 08:25	06/20/19 20:07	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 20:07	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 20:07	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 20:07	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 20:07	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 20:07	1
4-Methylphenol	ND		10	0.36	ug/L		06/13/19 08:25	06/20/19 20:07	1
4-Nitroaniline	ND		10	0.25	ug/L		06/13/19 08:25	06/20/19 20:07	1
4-Nitrophenol	ND		10	1.5	ug/L		06/13/19 08:25	06/20/19 20:07	1
Acenaphthene	ND		5.0	0.41	ug/L		06/13/19 08:25	06/20/19 20:07	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/13/19 08:25	06/20/19 20:07	1
Acetophenone	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 20:07	1
Anthracene	ND		5.0	0.28	ug/L		06/13/19 08:25	06/20/19 20:07	1
Atrazine	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 20:07	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/13/19 08:25	06/20/19 20:07	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 20:07	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 20:07	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 20:07	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 20:07	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/13/19 08:25	06/20/19 20:07	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 20:07	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 20:07	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 20:07	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/13/19 08:25	06/20/19 20:07	1
Caprolactam	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 20:07	1
Carbazole	ND		5.0	0.30	ug/L		06/13/19 08:25	06/20/19 20:07	1
Chrysene	ND		5.0	0.33	ug/L		06/13/19 08:25	06/20/19 20:07	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/13/19 08:25	06/20/19 20:07	1
Di-n-butyl phthalate	0.42	J	5.0	0.31	ug/L		06/13/19 08:25	06/20/19 20:07	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 20:07	1
Dibenzofuran	ND		10	0.51	ug/L		06/13/19 08:25	06/20/19 20:07	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/13/19 08:25	06/20/19 20:07	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 20:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-1B

Lab Sample ID: 480-154785-2

Date Collected: 06/11/19 13:45

Matrix: Water

Date Received: 06/11/19 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 20:07	1
Fluorene	0.44	J B	5.0	0.36	ug/L		06/13/19 08:25	06/20/19 20:07	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 20:07	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/13/19 08:25	06/20/19 20:07	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 20:07	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 20:07	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 20:07	1
Isophorone	ND		5.0	0.43	ug/L		06/13/19 08:25	06/20/19 20:07	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 20:07	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 20:07	1
Naphthalene	ND		5.0	0.76	ug/L		06/13/19 08:25	06/20/19 20:07	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/13/19 08:25	06/20/19 20:07	1
Pentachlorophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 20:07	1
Phenanthrene	2.0	J B	5.0	0.44	ug/L		06/13/19 08:25	06/20/19 20:07	1
Phenol	ND		5.0	0.39	ug/L		06/13/19 08:25	06/20/19 20:07	1
Pyrene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	85		46 - 120	06/13/19 08:25	06/20/19 20:07	1
Phenol-d5 (Surr)	47		22 - 120	06/13/19 08:25	06/20/19 20:07	1
p-Terphenyl-d14 (Surr)	86		59 - 136	06/13/19 08:25	06/20/19 20:07	1
2,4,6-Tribromophenol (Surr)	98		41 - 120	06/13/19 08:25	06/20/19 20:07	1
2-Fluorobiphenyl	92		48 - 120	06/13/19 08:25	06/20/19 20:07	1
2-Fluorophenol (Surr)	67		35 - 120	06/13/19 08:25	06/20/19 20:07	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/13/19 15:42	06/14/19 11:29	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/13/19 15:42	06/14/19 11:29	1
beta-BHC	ND		0.050	0.025	ug/L		06/13/19 15:42	06/14/19 11:29	1
delta-BHC	0.015	J B	0.050	0.010	ug/L		06/13/19 15:42	06/14/19 11:29	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/13/19 15:42	06/14/19 11:29	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/13/19 15:42	06/14/19 11:29	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/13/19 15:42	06/14/19 11:29	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 11:29	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 11:29	1
Dieldrin	ND		0.050	0.0098	ug/L		06/13/19 15:42	06/14/19 11:29	1
Endosulfan I	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 11:29	1
Endosulfan II	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 11:29	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 11:29	1
Endrin	ND		0.050	0.014	ug/L		06/13/19 15:42	06/14/19 11:29	1
Endrin aldehyde	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 11:29	1
Heptachlor	ND		0.050	0.0085	ug/L		06/13/19 15:42	06/14/19 11:29	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/13/19 15:42	06/14/19 11:29	1
Toxaphene	ND		0.50	0.12	ug/L		06/13/19 15:42	06/14/19 11:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		23 - 120	06/13/19 15:42	06/14/19 11:29	1
DCB Decachlorobiphenyl	77		23 - 120	06/13/19 15:42	06/14/19 11:29	1
Tetrachloro-m-xylene	59		44 - 120	06/13/19 15:42	06/14/19 11:29	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-1B

Lab Sample ID: 480-154785-2

Date Collected: 06/11/19 13:45

Matrix: Water

Date Received: 06/11/19 16:20

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		44 - 120	06/13/19 15:42	06/14/19 11:29	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:14	1
PCB-1221	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:14	1
PCB-1232	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:14	1
PCB-1242	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:14	1
PCB-1248	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:14	1
PCB-1254	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 15:14	1
PCB-1260	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		36 - 121	06/13/19 15:50	06/16/19 15:14	1
DCB Decachlorobiphenyl	73		36 - 121	06/13/19 15:50	06/16/19 15:14	1
Tetrachloro-m-xylene	82		42 - 135	06/13/19 15:50	06/16/19 15:14	1
Tetrachloro-m-xylene	75		42 - 135	06/13/19 15:50	06/16/19 15:14	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/13/19 07:42	06/18/19 20:36	1
Antimony	ND		0.020	0.0068	mg/L		06/13/19 07:42	06/18/19 20:36	1
Arsenic	ND		0.015	0.0056	mg/L		06/13/19 07:42	06/18/19 20:36	1
Barium	0.13		0.0020	0.00070	mg/L		06/13/19 07:42	06/18/19 20:36	1
Beryllium	ND		0.0020	0.00030	mg/L		06/13/19 07:42	06/18/19 20:36	1
Cadmium	ND		0.0020	0.00050	mg/L		06/13/19 07:42	06/18/19 20:36	1
Calcium	147		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:36	1
Chromium	0.0016	J	0.0040	0.0010	mg/L		06/13/19 07:42	06/18/19 20:36	1
Cobalt	ND		0.0040	0.00063	mg/L		06/13/19 07:42	06/18/19 20:36	1
Copper	ND		0.010	0.0016	mg/L		06/13/19 07:42	06/18/19 20:36	1
Iron	0.31		0.050	0.019	mg/L		06/13/19 07:42	06/18/19 20:36	1
Lead	ND		0.010	0.0030	mg/L		06/13/19 07:42	06/18/19 20:36	1
Magnesium	31.5		0.20	0.043	mg/L		06/13/19 07:42	06/18/19 20:36	1
Manganese	0.32		0.0030	0.00040	mg/L		06/13/19 07:42	06/18/19 20:36	1
Nickel	0.0023	J	0.010	0.0013	mg/L		06/13/19 07:42	06/18/19 20:36	1
Potassium	1.7		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:36	1
Selenium	ND		0.025	0.0087	mg/L		06/13/19 07:42	06/18/19 20:36	1
Silver	ND		0.0060	0.0017	mg/L		06/13/19 07:42	06/18/19 20:36	1
Sodium	88.0		1.0	0.32	mg/L		06/13/19 07:42	06/18/19 20:36	1
Thallium	ND		0.020	0.010	mg/L		06/13/19 07:42	06/18/19 20:36	1
Vanadium	ND		0.0050	0.0015	mg/L		06/13/19 07:42	06/18/19 20:36	1
Zinc	ND		0.010	0.0015	mg/L		06/13/19 07:42	06/18/19 20:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/13/19 11:33	06/13/19 14:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-2

Lab Sample ID: 480-154785-3

Date Collected: 06/11/19 09:30

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/14/19 02:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/14/19 02:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/14/19 02:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/14/19 02:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/14/19 02:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/14/19 02:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/14/19 02:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/14/19 02:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/14/19 02:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/14/19 02:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/14/19 02:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/14/19 02:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/14/19 02:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/14/19 02:46	1
2-Hexanone	ND		5.0	1.2	ug/L			06/14/19 02:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/14/19 02:46	1
Acetone	9.5	J	10	3.0	ug/L			06/14/19 02:46	1
Benzene	ND		1.0	0.41	ug/L			06/14/19 02:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/14/19 02:46	1
Bromoform	ND		1.0	0.26	ug/L			06/14/19 02:46	1
Bromomethane	ND		1.0	0.69	ug/L			06/14/19 02:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/14/19 02:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/14/19 02:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/14/19 02:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/14/19 02:46	1
Chloroethane	ND		1.0	0.32	ug/L			06/14/19 02:46	1
Chloroform	ND		1.0	0.34	ug/L			06/14/19 02:46	1
Chloromethane	ND		1.0	0.35	ug/L			06/14/19 02:46	1
cis-1,2-Dichloroethene	9.3		1.0	0.81	ug/L			06/14/19 02:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/14/19 02:46	1
Cyclohexane	ND		1.0	0.18	ug/L			06/14/19 02:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/14/19 02:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/14/19 02:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/14/19 02:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/14/19 02:46	1
Methyl acetate	ND		2.5	1.3	ug/L			06/14/19 02:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/14/19 02:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/14/19 02:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/14/19 02:46	1
Styrene	ND		1.0	0.73	ug/L			06/14/19 02:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/14/19 02:46	1
Toluene	ND		1.0	0.51	ug/L			06/14/19 02:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/14/19 02:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/14/19 02:46	1
Trichloroethene	0.85	J	1.0	0.46	ug/L			06/14/19 02:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/14/19 02:46	1
Vinyl chloride	3.6		1.0	0.90	ug/L			06/14/19 02:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/14/19 02:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-2

Lab Sample ID: 480-154785-3

Date Collected: 06/11/19 09:30

Matrix: Water

Date Received: 06/11/19 16:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Furan, tetrahydro-	36	T J N	ug/L		4.04	109-99-9		06/14/19 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120					06/14/19 02:46	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120					06/14/19 02:46	1
4-Bromofluorobenzene (Surr)	93		73 - 120					06/14/19 02:46	1
Dibromofluoromethane (Surr)	97		75 - 123					06/14/19 02:46	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/13/19 08:25	06/20/19 20:35	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/13/19 08:25	06/20/19 20:35	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 20:35	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/13/19 08:25	06/20/19 20:35	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 20:35	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/13/19 08:25	06/20/19 20:35	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 20:35	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 20:35	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 20:35	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 20:35	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/13/19 08:25	06/20/19 20:35	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 20:35	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/13/19 08:25	06/20/19 20:35	1
2-Nitroaniline	ND		10	0.42	ug/L		06/13/19 08:25	06/20/19 20:35	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 20:35	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 20:35	1
3-Nitroaniline	ND		10	0.48	ug/L		06/13/19 08:25	06/20/19 20:35	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 20:35	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 20:35	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 20:35	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 20:35	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 20:35	1
4-Methylphenol	ND		10	0.36	ug/L		06/13/19 08:25	06/20/19 20:35	1
4-Nitroaniline	ND		10	0.25	ug/L		06/13/19 08:25	06/20/19 20:35	1
4-Nitrophenol	ND		10	1.5	ug/L		06/13/19 08:25	06/20/19 20:35	1
Acenaphthene	ND		5.0	0.41	ug/L		06/13/19 08:25	06/20/19 20:35	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/13/19 08:25	06/20/19 20:35	1
Acetophenone	1.0	J	5.0	0.54	ug/L		06/13/19 08:25	06/20/19 20:35	1
Anthracene	ND		5.0	0.28	ug/L		06/13/19 08:25	06/20/19 20:35	1
Atrazine	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 20:35	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/13/19 08:25	06/20/19 20:35	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 20:35	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 20:35	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 20:35	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 20:35	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/13/19 08:25	06/20/19 20:35	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 20:35	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 20:35	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 20:35	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/13/19 08:25	06/20/19 20:35	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-2

Lab Sample ID: 480-154785-3

Date Collected: 06/11/19 09:30

Matrix: Water

Date Received: 06/11/19 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 20:35	1
Carbazole	ND		5.0	0.30	ug/L		06/13/19 08:25	06/20/19 20:35	1
Chrysene	ND		5.0	0.33	ug/L		06/13/19 08:25	06/20/19 20:35	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/13/19 08:25	06/20/19 20:35	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/13/19 08:25	06/20/19 20:35	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 20:35	1
Dibenzofuran	ND		10	0.51	ug/L		06/13/19 08:25	06/20/19 20:35	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/13/19 08:25	06/20/19 20:35	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 20:35	1
Fluoranthene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 20:35	1
Fluorene	0.48	J B	5.0	0.36	ug/L		06/13/19 08:25	06/20/19 20:35	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 20:35	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/13/19 08:25	06/20/19 20:35	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 20:35	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 20:35	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 20:35	1
Isophorone	ND		5.0	0.43	ug/L		06/13/19 08:25	06/20/19 20:35	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 20:35	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 20:35	1
Naphthalene	ND		5.0	0.76	ug/L		06/13/19 08:25	06/20/19 20:35	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/13/19 08:25	06/20/19 20:35	1
Pentachlorophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 20:35	1
Phenanthrene	2.0	J B	5.0	0.44	ug/L		06/13/19 08:25	06/20/19 20:35	1
Phenol	ND		5.0	0.39	ug/L		06/13/19 08:25	06/20/19 20:35	1
Pyrene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	87		46 - 120	06/13/19 08:25	06/20/19 20:35	1
Phenol-d5 (Surr)	47		22 - 120	06/13/19 08:25	06/20/19 20:35	1
p-Terphenyl-d14 (Surr)	98		59 - 136	06/13/19 08:25	06/20/19 20:35	1
2,4,6-Tribromophenol (Surr)	115		41 - 120	06/13/19 08:25	06/20/19 20:35	1
2-Fluorobiphenyl	95		48 - 120	06/13/19 08:25	06/20/19 20:35	1
2-Fluorophenol (Surr)	67		35 - 120	06/13/19 08:25	06/20/19 20:35	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/13/19 15:42	06/14/19 11:49	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/13/19 15:42	06/14/19 11:49	1
beta-BHC	ND		0.050	0.025	ug/L		06/13/19 15:42	06/14/19 11:49	1
delta-BHC	0.015	J B	0.050	0.010	ug/L		06/13/19 15:42	06/14/19 11:49	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/13/19 15:42	06/14/19 11:49	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/13/19 15:42	06/14/19 11:49	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/13/19 15:42	06/14/19 11:49	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 11:49	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 11:49	1
Dieldrin	ND		0.050	0.0098	ug/L		06/13/19 15:42	06/14/19 11:49	1
Endosulfan I	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 11:49	1
Endosulfan II	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 11:49	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 11:49	1
Endrin	ND		0.050	0.014	ug/L		06/13/19 15:42	06/14/19 11:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-2

Lab Sample ID: 480-154785-3

Date Collected: 06/11/19 09:30

Matrix: Water

Date Received: 06/11/19 16:20

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 11:49	1
Heptachlor	ND		0.050	0.0085	ug/L		06/13/19 15:42	06/14/19 11:49	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/13/19 15:42	06/14/19 11:49	1
Toxaphene	ND		0.50	0.12	ug/L		06/13/19 15:42	06/14/19 11:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		23 - 120				06/13/19 15:42	06/14/19 11:49	1
DCB Decachlorobiphenyl	81		23 - 120				06/13/19 15:42	06/14/19 11:49	1
Tetrachloro-m-xylene	58		44 - 120				06/13/19 15:42	06/14/19 11:49	1
Tetrachloro-m-xylene	79		44 - 120				06/13/19 15:42	06/14/19 11:49	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:26	1
PCB-1221	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:26	1
PCB-1232	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:26	1
PCB-1242	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:26	1
PCB-1248	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:26	1
PCB-1254	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 15:26	1
PCB-1260	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 15:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69		36 - 121				06/13/19 15:50	06/16/19 15:26	1
DCB Decachlorobiphenyl	72		36 - 121				06/13/19 15:50	06/16/19 15:26	1
Tetrachloro-m-xylene	76		42 - 135				06/13/19 15:50	06/16/19 15:26	1
Tetrachloro-m-xylene	65		42 - 135				06/13/19 15:50	06/16/19 15:26	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.65		0.20	0.060	mg/L		06/13/19 07:42	06/18/19 20:40	1
Antimony	ND		0.020	0.0068	mg/L		06/13/19 07:42	06/18/19 20:40	1
Arsenic	ND		0.015	0.0056	mg/L		06/13/19 07:42	06/18/19 20:40	1
Barium	0.077		0.0020	0.00070	mg/L		06/13/19 07:42	06/18/19 20:40	1
Beryllium	ND		0.0020	0.00030	mg/L		06/13/19 07:42	06/18/19 20:40	1
Cadmium	ND		0.0020	0.00050	mg/L		06/13/19 07:42	06/18/19 20:40	1
Calcium	120		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:40	1
Chromium	0.0012	J	0.0040	0.0010	mg/L		06/13/19 07:42	06/18/19 20:40	1
Cobalt	ND		0.0040	0.00063	mg/L		06/13/19 07:42	06/18/19 20:40	1
Copper	0.0031	J	0.010	0.0016	mg/L		06/13/19 07:42	06/18/19 20:40	1
Iron	ND		0.050	0.019	mg/L		06/13/19 07:42	06/18/19 20:40	1
Lead	ND		0.010	0.0030	mg/L		06/13/19 07:42	06/18/19 20:40	1
Magnesium	ND		0.20	0.043	mg/L		06/13/19 07:42	06/18/19 20:40	1
Manganese	ND		0.0030	0.00040	mg/L		06/13/19 07:42	06/18/19 20:40	1
Nickel	0.042		0.010	0.0013	mg/L		06/13/19 07:42	06/18/19 20:40	1
Potassium	11.3		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:40	1
Selenium	ND		0.025	0.0087	mg/L		06/13/19 07:42	06/18/19 20:40	1
Silver	ND		0.0060	0.0017	mg/L		06/13/19 07:42	06/18/19 20:40	1
Sodium	35.2		1.0	0.32	mg/L		06/13/19 07:42	06/18/19 20:40	1
Thallium	ND		0.020	0.010	mg/L		06/13/19 07:42	06/18/19 20:40	1
Vanadium	ND		0.0050	0.0015	mg/L		06/13/19 07:42	06/18/19 20:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-2

Lab Sample ID: 480-154785-3

Date Collected: 06/11/19 09:30

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/13/19 07:42	06/18/19 20:40	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/13/19 11:33	06/13/19 14:40	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-3

Lab Sample ID: 480-154785-4

Date Collected: 06/11/19 10:25

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/14/19 03:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/14/19 03:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/14/19 03:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/14/19 03:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/14/19 03:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/14/19 03:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/14/19 03:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/14/19 03:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/14/19 03:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/14/19 03:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/14/19 03:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/14/19 03:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/14/19 03:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/14/19 03:10	1
2-Hexanone	ND		5.0	1.2	ug/L			06/14/19 03:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/14/19 03:10	1
Acetone	ND		10	3.0	ug/L			06/14/19 03:10	1
Benzene	ND		1.0	0.41	ug/L			06/14/19 03:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/14/19 03:10	1
Bromoform	ND		1.0	0.26	ug/L			06/14/19 03:10	1
Bromomethane	ND		1.0	0.69	ug/L			06/14/19 03:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/14/19 03:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/14/19 03:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/14/19 03:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/14/19 03:10	1
Chloroethane	ND		1.0	0.32	ug/L			06/14/19 03:10	1
Chloroform	ND		1.0	0.34	ug/L			06/14/19 03:10	1
Chloromethane	ND		1.0	0.35	ug/L			06/14/19 03:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/14/19 03:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/14/19 03:10	1
Cyclohexane	ND		1.0	0.18	ug/L			06/14/19 03:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/14/19 03:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/14/19 03:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/14/19 03:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/14/19 03:10	1
Methyl acetate	ND		2.5	1.3	ug/L			06/14/19 03:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/14/19 03:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/14/19 03:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/14/19 03:10	1
Styrene	ND		1.0	0.73	ug/L			06/14/19 03:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/14/19 03:10	1
Toluene	ND		1.0	0.51	ug/L			06/14/19 03:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/14/19 03:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/14/19 03:10	1
Trichloroethene	ND		1.0	0.46	ug/L			06/14/19 03:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/14/19 03:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/14/19 03:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/14/19 03:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-3

Lab Sample ID: 480-154785-4

Date Collected: 06/11/19 10:25

Matrix: Water

Date Received: 06/11/19 16:20

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>06/14/19 03:10</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	94		80 - 120					<i>06/14/19 03:10</i>	<i>1</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	105		77 - 120					<i>06/14/19 03:10</i>	<i>1</i>
<i>4-Bromofluorobenzene (Surr)</i>	92		73 - 120					<i>06/14/19 03:10</i>	<i>1</i>
<i>Dibromofluoromethane (Surr)</i>	98		75 - 123					<i>06/14/19 03:10</i>	<i>1</i>

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/13/19 08:25	06/20/19 21:03	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/13/19 08:25	06/20/19 21:03	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 21:03	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/13/19 08:25	06/20/19 21:03	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 21:03	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/13/19 08:25	06/20/19 21:03	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 21:03	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 21:03	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:03	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 21:03	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/13/19 08:25	06/20/19 21:03	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:03	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/13/19 08:25	06/20/19 21:03	1
2-Nitroaniline	ND		10	0.42	ug/L		06/13/19 08:25	06/20/19 21:03	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 21:03	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:03	1
3-Nitroaniline	ND		10	0.48	ug/L		06/13/19 08:25	06/20/19 21:03	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 21:03	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 21:03	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 21:03	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 21:03	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 21:03	1
4-Methylphenol	ND		10	0.36	ug/L		06/13/19 08:25	06/20/19 21:03	1
4-Nitroaniline	ND		10	0.25	ug/L		06/13/19 08:25	06/20/19 21:03	1
4-Nitrophenol	ND		10	1.5	ug/L		06/13/19 08:25	06/20/19 21:03	1
Acenaphthene	ND		5.0	0.41	ug/L		06/13/19 08:25	06/20/19 21:03	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/13/19 08:25	06/20/19 21:03	1
Acetophenone	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 21:03	1
Anthracene	ND		5.0	0.28	ug/L		06/13/19 08:25	06/20/19 21:03	1
Atrazine	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 21:03	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/13/19 08:25	06/20/19 21:03	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 21:03	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 21:03	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 21:03	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 21:03	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/13/19 08:25	06/20/19 21:03	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 21:03	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:03	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 21:03	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/13/19 08:25	06/20/19 21:03	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-3

Lab Sample ID: 480-154785-4

Date Collected: 06/11/19 10:25

Matrix: Water

Date Received: 06/11/19 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 21:03	1
Carbazole	ND		5.0	0.30	ug/L		06/13/19 08:25	06/20/19 21:03	1
Chrysene	ND		5.0	0.33	ug/L		06/13/19 08:25	06/20/19 21:03	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/13/19 08:25	06/20/19 21:03	1
Di-n-butyl phthalate	0.48	J	5.0	0.31	ug/L		06/13/19 08:25	06/20/19 21:03	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 21:03	1
Dibenzofuran	ND		10	0.51	ug/L		06/13/19 08:25	06/20/19 21:03	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/13/19 08:25	06/20/19 21:03	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 21:03	1
Fluoranthene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:03	1
Fluorene	0.44	J B	5.0	0.36	ug/L		06/13/19 08:25	06/20/19 21:03	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 21:03	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/13/19 08:25	06/20/19 21:03	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 21:03	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 21:03	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 21:03	1
Isophorone	ND		5.0	0.43	ug/L		06/13/19 08:25	06/20/19 21:03	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 21:03	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 21:03	1
Naphthalene	ND		5.0	0.76	ug/L		06/13/19 08:25	06/20/19 21:03	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/13/19 08:25	06/20/19 21:03	1
Pentachlorophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 21:03	1
Phenanthrene	1.9	J B	5.0	0.44	ug/L		06/13/19 08:25	06/20/19 21:03	1
Phenol	ND		5.0	0.39	ug/L		06/13/19 08:25	06/20/19 21:03	1
Pyrene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	96		46 - 120	06/13/19 08:25	06/20/19 21:03	1
Phenol-d5 (Surr)	54		22 - 120	06/13/19 08:25	06/20/19 21:03	1
p-Terphenyl-d14 (Surr)	99		59 - 136	06/13/19 08:25	06/20/19 21:03	1
2,4,6-Tribromophenol (Surr)	115		41 - 120	06/13/19 08:25	06/20/19 21:03	1
2-Fluorobiphenyl	105		48 - 120	06/13/19 08:25	06/20/19 21:03	1
2-Fluorophenol (Surr)	77		35 - 120	06/13/19 08:25	06/20/19 21:03	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/13/19 15:42	06/14/19 12:09	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/13/19 15:42	06/14/19 12:09	1
beta-BHC	ND		0.050	0.025	ug/L		06/13/19 15:42	06/14/19 12:09	1
delta-BHC	0.015	J B	0.050	0.010	ug/L		06/13/19 15:42	06/14/19 12:09	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/13/19 15:42	06/14/19 12:09	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/13/19 15:42	06/14/19 12:09	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/13/19 15:42	06/14/19 12:09	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 12:09	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 12:09	1
Dieldrin	ND		0.050	0.0098	ug/L		06/13/19 15:42	06/14/19 12:09	1
Endosulfan I	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 12:09	1
Endosulfan II	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 12:09	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 12:09	1
Endrin	ND		0.050	0.014	ug/L		06/13/19 15:42	06/14/19 12:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-3

Lab Sample ID: 480-154785-4

Date Collected: 06/11/19 10:25

Matrix: Water

Date Received: 06/11/19 16:20

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 12:09	1
Heptachlor	ND		0.050	0.0085	ug/L		06/13/19 15:42	06/14/19 12:09	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/13/19 15:42	06/14/19 12:09	1
Toxaphene	ND		0.50	0.12	ug/L		06/13/19 15:42	06/14/19 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		23 - 120				06/13/19 15:42	06/14/19 12:09	1
DCB Decachlorobiphenyl	82		23 - 120				06/13/19 15:42	06/14/19 12:09	1
Tetrachloro-m-xylene	79		44 - 120				06/13/19 15:42	06/14/19 12:09	1
Tetrachloro-m-xylene	79		44 - 120				06/13/19 15:42	06/14/19 12:09	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:39	1
PCB-1221	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:39	1
PCB-1232	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:39	1
PCB-1242	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:39	1
PCB-1248	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:39	1
PCB-1254	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 15:39	1
PCB-1260	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	93		36 - 121				06/13/19 15:50	06/16/19 15:39	1
DCB Decachlorobiphenyl	93		36 - 121				06/13/19 15:50	06/16/19 15:39	1
Tetrachloro-m-xylene	88		42 - 135				06/13/19 15:50	06/16/19 15:39	1
Tetrachloro-m-xylene	73		42 - 135				06/13/19 15:50	06/16/19 15:39	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/13/19 07:42	06/18/19 20:43	1
Antimony	ND		0.020	0.0068	mg/L		06/13/19 07:42	06/18/19 20:43	1
Arsenic	ND		0.015	0.0056	mg/L		06/13/19 07:42	06/18/19 20:43	1
Barium	0.012		0.0020	0.00070	mg/L		06/13/19 07:42	06/18/19 20:43	1
Beryllium	ND		0.0020	0.00030	mg/L		06/13/19 07:42	06/18/19 20:43	1
Cadmium	ND		0.0020	0.00050	mg/L		06/13/19 07:42	06/18/19 20:43	1
Calcium	379		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:43	1
Chromium	ND		0.0040	0.0010	mg/L		06/13/19 07:42	06/18/19 20:43	1
Cobalt	0.0017	J	0.0040	0.00063	mg/L		06/13/19 07:42	06/18/19 20:43	1
Copper	0.0019	J	0.010	0.0016	mg/L		06/13/19 07:42	06/18/19 20:43	1
Iron	2.3		0.050	0.019	mg/L		06/13/19 07:42	06/18/19 20:43	1
Lead	ND		0.010	0.0030	mg/L		06/13/19 07:42	06/18/19 20:43	1
Magnesium	110		0.20	0.043	mg/L		06/13/19 07:42	06/18/19 20:43	1
Manganese	1.8		0.0030	0.00040	mg/L		06/13/19 07:42	06/18/19 20:43	1
Nickel	0.016		0.010	0.0013	mg/L		06/13/19 07:42	06/18/19 20:43	1
Potassium	9.4		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:43	1
Selenium	ND		0.025	0.0087	mg/L		06/13/19 07:42	06/18/19 20:43	1
Silver	ND		0.0060	0.0017	mg/L		06/13/19 07:42	06/18/19 20:43	1
Sodium	109		1.0	0.32	mg/L		06/13/19 07:42	06/18/19 20:43	1
Thallium	ND		0.020	0.010	mg/L		06/13/19 07:42	06/18/19 20:43	1
Vanadium	ND		0.0050	0.0015	mg/L		06/13/19 07:42	06/18/19 20:43	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-3

Lab Sample ID: 480-154785-4

Date Collected: 06/11/19 10:25

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/13/19 07:42	06/18/19 20:43	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/13/19 11:33	06/13/19 14:42	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-4

Lab Sample ID: 480-154785-5

Date Collected: 06/11/19 08:35

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/14/19 03:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/14/19 03:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/14/19 03:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/14/19 03:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/14/19 03:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/14/19 03:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/14/19 03:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/14/19 03:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/14/19 03:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/14/19 03:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/14/19 03:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/14/19 03:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/14/19 03:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/14/19 03:34	1
2-Hexanone	ND		5.0	1.2	ug/L			06/14/19 03:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/14/19 03:34	1
Acetone	ND		10	3.0	ug/L			06/14/19 03:34	1
Benzene	ND		1.0	0.41	ug/L			06/14/19 03:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/14/19 03:34	1
Bromoform	ND		1.0	0.26	ug/L			06/14/19 03:34	1
Bromomethane	ND		1.0	0.69	ug/L			06/14/19 03:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/14/19 03:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/14/19 03:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/14/19 03:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/14/19 03:34	1
Chloroethane	ND		1.0	0.32	ug/L			06/14/19 03:34	1
Chloroform	ND		1.0	0.34	ug/L			06/14/19 03:34	1
Chloromethane	ND		1.0	0.35	ug/L			06/14/19 03:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/14/19 03:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/14/19 03:34	1
Cyclohexane	ND		1.0	0.18	ug/L			06/14/19 03:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/14/19 03:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/14/19 03:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/14/19 03:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/14/19 03:34	1
Methyl acetate	ND		2.5	1.3	ug/L			06/14/19 03:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/14/19 03:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/14/19 03:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/14/19 03:34	1
Styrene	ND		1.0	0.73	ug/L			06/14/19 03:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/14/19 03:34	1
Toluene	ND		1.0	0.51	ug/L			06/14/19 03:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/14/19 03:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/14/19 03:34	1
Trichloroethene	ND		1.0	0.46	ug/L			06/14/19 03:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/14/19 03:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/14/19 03:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/14/19 03:34	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-4

Lab Sample ID: 480-154785-5

Date Collected: 06/11/19 08:35

Matrix: Water

Date Received: 06/11/19 16:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/14/19 03:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120					06/14/19 03:34	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					06/14/19 03:34	1
4-Bromofluorobenzene (Surr)	91		73 - 120					06/14/19 03:34	1
Dibromofluoromethane (Surr)	96		75 - 123					06/14/19 03:34	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/13/19 08:25	06/20/19 21:31	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/13/19 08:25	06/20/19 21:31	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 21:31	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/13/19 08:25	06/20/19 21:31	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 21:31	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/13/19 08:25	06/20/19 21:31	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 21:31	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 21:31	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:31	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 21:31	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/13/19 08:25	06/20/19 21:31	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:31	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/13/19 08:25	06/20/19 21:31	1
2-Nitroaniline	ND		10	0.42	ug/L		06/13/19 08:25	06/20/19 21:31	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 21:31	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:31	1
3-Nitroaniline	ND		10	0.48	ug/L		06/13/19 08:25	06/20/19 21:31	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 21:31	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 21:31	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 21:31	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 21:31	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 21:31	1
4-Methylphenol	ND		10	0.36	ug/L		06/13/19 08:25	06/20/19 21:31	1
4-Nitroaniline	ND		10	0.25	ug/L		06/13/19 08:25	06/20/19 21:31	1
4-Nitrophenol	ND		10	1.5	ug/L		06/13/19 08:25	06/20/19 21:31	1
Acenaphthene	ND		5.0	0.41	ug/L		06/13/19 08:25	06/20/19 21:31	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/13/19 08:25	06/20/19 21:31	1
Acetophenone	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 21:31	1
Anthracene	ND		5.0	0.28	ug/L		06/13/19 08:25	06/20/19 21:31	1
Atrazine	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 21:31	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/13/19 08:25	06/20/19 21:31	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 21:31	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 21:31	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 21:31	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 21:31	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/13/19 08:25	06/20/19 21:31	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 21:31	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:31	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 21:31	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/13/19 08:25	06/20/19 21:31	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-4

Lab Sample ID: 480-154785-5

Date Collected: 06/11/19 08:35

Matrix: Water

Date Received: 06/11/19 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 21:31	1
Carbazole	ND		5.0	0.30	ug/L		06/13/19 08:25	06/20/19 21:31	1
Chrysene	ND		5.0	0.33	ug/L		06/13/19 08:25	06/20/19 21:31	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/13/19 08:25	06/20/19 21:31	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/13/19 08:25	06/20/19 21:31	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 21:31	1
Dibenzofuran	ND		10	0.51	ug/L		06/13/19 08:25	06/20/19 21:31	1
Diethyl phthalate	0.26	J	5.0	0.22	ug/L		06/13/19 08:25	06/20/19 21:31	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 21:31	1
Fluoranthene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:31	1
Fluorene	0.57	J B	5.0	0.36	ug/L		06/13/19 08:25	06/20/19 21:31	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 21:31	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/13/19 08:25	06/20/19 21:31	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 21:31	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 21:31	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 21:31	1
Isophorone	ND		5.0	0.43	ug/L		06/13/19 08:25	06/20/19 21:31	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 21:31	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 21:31	1
Naphthalene	ND		5.0	0.76	ug/L		06/13/19 08:25	06/20/19 21:31	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/13/19 08:25	06/20/19 21:31	1
Pentachlorophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 21:31	1
Phenanthrene	2.3	J B	5.0	0.44	ug/L		06/13/19 08:25	06/20/19 21:31	1
Phenol	ND		5.0	0.39	ug/L		06/13/19 08:25	06/20/19 21:31	1
Pyrene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	96		46 - 120	06/13/19 08:25	06/20/19 21:31	1
Phenol-d5 (Surr)	51		22 - 120	06/13/19 08:25	06/20/19 21:31	1
p-Terphenyl-d14 (Surr)	79		59 - 136	06/13/19 08:25	06/20/19 21:31	1
2,4,6-Tribromophenol (Surr)	111		41 - 120	06/13/19 08:25	06/20/19 21:31	1
2-Fluorobiphenyl	104		48 - 120	06/13/19 08:25	06/20/19 21:31	1
2-Fluorophenol (Surr)	72		35 - 120	06/13/19 08:25	06/20/19 21:31	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/13/19 15:42	06/14/19 13:06	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/13/19 15:42	06/14/19 13:06	1
beta-BHC	ND		0.050	0.025	ug/L		06/13/19 15:42	06/14/19 13:06	1
delta-BHC	0.015	J B	0.050	0.010	ug/L		06/13/19 15:42	06/14/19 13:06	1
gamma-BHC (Lindane)	0.013	J	0.050	0.0080	ug/L		06/13/19 15:42	06/14/19 13:06	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/13/19 15:42	06/14/19 13:06	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/13/19 15:42	06/14/19 13:06	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 13:06	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 13:06	1
Dieldrin	ND		0.050	0.0098	ug/L		06/13/19 15:42	06/14/19 13:06	1
Endosulfan I	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 13:06	1
Endosulfan II	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 13:06	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 13:06	1
Endrin	ND		0.050	0.014	ug/L		06/13/19 15:42	06/14/19 13:06	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-4

Lab Sample ID: 480-154785-5

Date Collected: 06/11/19 08:35

Matrix: Water

Date Received: 06/11/19 16:20

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 13:06	1
Heptachlor	ND		0.050	0.0085	ug/L		06/13/19 15:42	06/14/19 13:06	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/13/19 15:42	06/14/19 13:06	1
Toxaphene	ND		0.50	0.12	ug/L		06/13/19 15:42	06/14/19 13:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		23 - 120				06/13/19 15:42	06/14/19 13:06	1
DCB Decachlorobiphenyl	64		23 - 120				06/13/19 15:42	06/14/19 13:06	1
Tetrachloro-m-xylene	64		44 - 120				06/13/19 15:42	06/14/19 13:06	1
Tetrachloro-m-xylene	66		44 - 120				06/13/19 15:42	06/14/19 13:06	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:51	1
PCB-1221	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:51	1
PCB-1232	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:51	1
PCB-1242	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:51	1
PCB-1248	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 15:51	1
PCB-1254	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 15:51	1
PCB-1260	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72		36 - 121				06/13/19 15:50	06/16/19 15:51	1
DCB Decachlorobiphenyl	73		36 - 121				06/13/19 15:50	06/16/19 15:51	1
Tetrachloro-m-xylene	69		42 - 135				06/13/19 15:50	06/16/19 15:51	1
Tetrachloro-m-xylene	60		42 - 135				06/13/19 15:50	06/16/19 15:51	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.069	J	0.20	0.060	mg/L		06/13/19 07:42	06/18/19 20:47	1
Antimony	ND		0.020	0.0068	mg/L		06/13/19 07:42	06/18/19 20:47	1
Arsenic	0.0073	J	0.015	0.0056	mg/L		06/13/19 07:42	06/18/19 20:47	1
Barium	0.055		0.0020	0.00070	mg/L		06/13/19 07:42	06/18/19 20:47	1
Beryllium	ND		0.0020	0.00030	mg/L		06/13/19 07:42	06/18/19 20:47	1
Cadmium	ND		0.0020	0.00050	mg/L		06/13/19 07:42	06/18/19 20:47	1
Calcium	201		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:47	1
Chromium	ND		0.0040	0.0010	mg/L		06/13/19 07:42	06/18/19 20:47	1
Cobalt	ND		0.0040	0.00063	mg/L		06/13/19 07:42	06/18/19 20:47	1
Copper	ND		0.010	0.0016	mg/L		06/13/19 07:42	06/18/19 20:47	1
Iron	2.8		0.050	0.019	mg/L		06/13/19 07:42	06/18/19 20:47	1
Lead	ND		0.010	0.0030	mg/L		06/13/19 07:42	06/18/19 20:47	1
Magnesium	64.3		0.20	0.043	mg/L		06/13/19 07:42	06/18/19 20:47	1
Manganese	1.8		0.0030	0.00040	mg/L		06/13/19 07:42	06/18/19 20:47	1
Nickel	ND		0.010	0.0013	mg/L		06/13/19 07:42	06/18/19 20:47	1
Potassium	6.5		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:47	1
Selenium	ND		0.025	0.0087	mg/L		06/13/19 07:42	06/18/19 20:47	1
Silver	ND		0.0060	0.0017	mg/L		06/13/19 07:42	06/18/19 20:47	1
Sodium	168		1.0	0.32	mg/L		06/13/19 07:42	06/18/19 20:47	1
Thallium	ND		0.020	0.010	mg/L		06/13/19 07:42	06/18/19 20:47	1
Vanadium	ND		0.0050	0.0015	mg/L		06/13/19 07:42	06/18/19 20:47	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-4

Lab Sample ID: 480-154785-5

Date Collected: 06/11/19 08:35

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/13/19 07:42	06/18/19 20:47	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/13/19 11:33	06/13/19 14:43	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-19

Lab Sample ID: 480-154785-6

Date Collected: 06/11/19 09:05

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/14/19 03:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/14/19 03:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/14/19 03:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/14/19 03:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/14/19 03:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/14/19 03:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/14/19 03:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/14/19 03:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/14/19 03:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/14/19 03:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/14/19 03:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/14/19 03:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/14/19 03:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/14/19 03:58	1
2-Hexanone	ND		5.0	1.2	ug/L			06/14/19 03:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/14/19 03:58	1
Acetone	ND		10	3.0	ug/L			06/14/19 03:58	1
Benzene	ND		1.0	0.41	ug/L			06/14/19 03:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/14/19 03:58	1
Bromoform	ND		1.0	0.26	ug/L			06/14/19 03:58	1
Bromomethane	ND		1.0	0.69	ug/L			06/14/19 03:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/14/19 03:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/14/19 03:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/14/19 03:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/14/19 03:58	1
Chloroethane	ND		1.0	0.32	ug/L			06/14/19 03:58	1
Chloroform	ND		1.0	0.34	ug/L			06/14/19 03:58	1
Chloromethane	ND		1.0	0.35	ug/L			06/14/19 03:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/14/19 03:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/14/19 03:58	1
Cyclohexane	ND		1.0	0.18	ug/L			06/14/19 03:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/14/19 03:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/14/19 03:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/14/19 03:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/14/19 03:58	1
Methyl acetate	ND		2.5	1.3	ug/L			06/14/19 03:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/14/19 03:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/14/19 03:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/14/19 03:58	1
Styrene	ND		1.0	0.73	ug/L			06/14/19 03:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/14/19 03:58	1
Toluene	ND		1.0	0.51	ug/L			06/14/19 03:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/14/19 03:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/14/19 03:58	1
Trichloroethene	ND		1.0	0.46	ug/L			06/14/19 03:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/14/19 03:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/14/19 03:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/14/19 03:58	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-19

Lab Sample ID: 480-154785-6

Date Collected: 06/11/19 09:05

Matrix: Water

Date Received: 06/11/19 16:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/14/19 03:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120					06/14/19 03:58	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					06/14/19 03:58	1
4-Bromofluorobenzene (Surr)	91		73 - 120					06/14/19 03:58	1
Dibromofluoromethane (Surr)	102		75 - 123					06/14/19 03:58	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/13/19 08:25	06/20/19 21:59	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/13/19 08:25	06/20/19 21:59	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 21:59	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/13/19 08:25	06/20/19 21:59	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 21:59	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/13/19 08:25	06/20/19 21:59	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 21:59	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 21:59	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:59	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 21:59	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/13/19 08:25	06/20/19 21:59	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:59	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/13/19 08:25	06/20/19 21:59	1
2-Nitroaniline	ND		10	0.42	ug/L		06/13/19 08:25	06/20/19 21:59	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 21:59	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:59	1
3-Nitroaniline	ND		10	0.48	ug/L		06/13/19 08:25	06/20/19 21:59	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 21:59	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 21:59	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 21:59	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 21:59	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 21:59	1
4-Methylphenol	ND		10	0.36	ug/L		06/13/19 08:25	06/20/19 21:59	1
4-Nitroaniline	ND		10	0.25	ug/L		06/13/19 08:25	06/20/19 21:59	1
4-Nitrophenol	ND		10	1.5	ug/L		06/13/19 08:25	06/20/19 21:59	1
Acenaphthene	ND		5.0	0.41	ug/L		06/13/19 08:25	06/20/19 21:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/13/19 08:25	06/20/19 21:59	1
Acetophenone	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 21:59	1
Anthracene	ND		5.0	0.28	ug/L		06/13/19 08:25	06/20/19 21:59	1
Atrazine	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 21:59	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/13/19 08:25	06/20/19 21:59	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 21:59	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 21:59	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 21:59	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 21:59	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/13/19 08:25	06/20/19 21:59	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 21:59	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:59	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 21:59	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/13/19 08:25	06/20/19 21:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-19

Lab Sample ID: 480-154785-6

Date Collected: 06/11/19 09:05

Matrix: Water

Date Received: 06/11/19 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 21:59	1
Carbazole	ND		5.0	0.30	ug/L		06/13/19 08:25	06/20/19 21:59	1
Chrysene	ND		5.0	0.33	ug/L		06/13/19 08:25	06/20/19 21:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/13/19 08:25	06/20/19 21:59	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/13/19 08:25	06/20/19 21:59	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 21:59	1
Dibenzofuran	ND		10	0.51	ug/L		06/13/19 08:25	06/20/19 21:59	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/13/19 08:25	06/20/19 21:59	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 21:59	1
Fluoranthene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 21:59	1
Fluorene	0.49	J B	5.0	0.36	ug/L		06/13/19 08:25	06/20/19 21:59	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 21:59	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/13/19 08:25	06/20/19 21:59	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 21:59	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 21:59	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 21:59	1
Isophorone	ND		5.0	0.43	ug/L		06/13/19 08:25	06/20/19 21:59	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 21:59	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 21:59	1
Naphthalene	ND		5.0	0.76	ug/L		06/13/19 08:25	06/20/19 21:59	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/13/19 08:25	06/20/19 21:59	1
Pentachlorophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 21:59	1
Phenanthrene	2.1	J B	5.0	0.44	ug/L		06/13/19 08:25	06/20/19 21:59	1
Phenol	ND		5.0	0.39	ug/L		06/13/19 08:25	06/20/19 21:59	1
Pyrene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 21:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	93		46 - 120	06/13/19 08:25	06/20/19 21:59	1
Phenol-d5 (Surr)	51		22 - 120	06/13/19 08:25	06/20/19 21:59	1
p-Terphenyl-d14 (Surr)	83		59 - 136	06/13/19 08:25	06/20/19 21:59	1
2,4,6-Tribromophenol (Surr)	108		41 - 120	06/13/19 08:25	06/20/19 21:59	1
2-Fluorobiphenyl	103		48 - 120	06/13/19 08:25	06/20/19 21:59	1
2-Fluorophenol (Surr)	70		35 - 120	06/13/19 08:25	06/20/19 21:59	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/13/19 15:42	06/14/19 13:26	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/13/19 15:42	06/14/19 13:26	1
beta-BHC	ND		0.050	0.025	ug/L		06/13/19 15:42	06/14/19 13:26	1
delta-BHC	0.015	J B	0.050	0.010	ug/L		06/13/19 15:42	06/14/19 13:26	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/13/19 15:42	06/14/19 13:26	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/13/19 15:42	06/14/19 13:26	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/13/19 15:42	06/14/19 13:26	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 13:26	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 13:26	1
Dieldrin	ND		0.050	0.0098	ug/L		06/13/19 15:42	06/14/19 13:26	1
Endosulfan I	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 13:26	1
Endosulfan II	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 13:26	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 13:26	1
Endrin	ND		0.050	0.014	ug/L		06/13/19 15:42	06/14/19 13:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-19

Lab Sample ID: 480-154785-6

Date Collected: 06/11/19 09:05

Matrix: Water

Date Received: 06/11/19 16:20

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 13:26	1
Heptachlor	ND		0.050	0.0085	ug/L		06/13/19 15:42	06/14/19 13:26	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/13/19 15:42	06/14/19 13:26	1
Toxaphene	ND		0.50	0.12	ug/L		06/13/19 15:42	06/14/19 13:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		23 - 120				06/13/19 15:42	06/14/19 13:26	1
DCB Decachlorobiphenyl	48		23 - 120				06/13/19 15:42	06/14/19 13:26	1
Tetrachloro-m-xylene	79		44 - 120				06/13/19 15:42	06/14/19 13:26	1
Tetrachloro-m-xylene	73		44 - 120				06/13/19 15:42	06/14/19 13:26	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:03	1
PCB-1221	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:03	1
PCB-1232	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:03	1
PCB-1242	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:03	1
PCB-1248	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:03	1
PCB-1254	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 16:03	1
PCB-1260	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		36 - 121				06/13/19 15:50	06/16/19 16:03	1
DCB Decachlorobiphenyl	63		36 - 121				06/13/19 15:50	06/16/19 16:03	1
Tetrachloro-m-xylene	77		42 - 135				06/13/19 15:50	06/16/19 16:03	1
Tetrachloro-m-xylene	66		42 - 135				06/13/19 15:50	06/16/19 16:03	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.18	J	0.20	0.060	mg/L		06/13/19 07:42	06/18/19 20:51	1
Antimony	ND		0.020	0.0068	mg/L		06/13/19 07:42	06/18/19 20:51	1
Arsenic	ND		0.015	0.0056	mg/L		06/13/19 07:42	06/18/19 20:51	1
Barium	0.17		0.0020	0.00070	mg/L		06/13/19 07:42	06/18/19 20:51	1
Beryllium	ND		0.0020	0.00030	mg/L		06/13/19 07:42	06/18/19 20:51	1
Cadmium	ND		0.0020	0.00050	mg/L		06/13/19 07:42	06/18/19 20:51	1
Calcium	82.5		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:51	1
Chromium	0.0023	J	0.0040	0.0010	mg/L		06/13/19 07:42	06/18/19 20:51	1
Cobalt	ND		0.0040	0.00063	mg/L		06/13/19 07:42	06/18/19 20:51	1
Copper	ND		0.010	0.0016	mg/L		06/13/19 07:42	06/18/19 20:51	1
Iron	0.92		0.050	0.019	mg/L		06/13/19 07:42	06/18/19 20:51	1
Lead	ND		0.010	0.0030	mg/L		06/13/19 07:42	06/18/19 20:51	1
Magnesium	49.6		0.20	0.043	mg/L		06/13/19 07:42	06/18/19 20:51	1
Manganese	0.058		0.0030	0.00040	mg/L		06/13/19 07:42	06/18/19 20:51	1
Nickel	0.0037	J	0.010	0.0013	mg/L		06/13/19 07:42	06/18/19 20:51	1
Potassium	8.1		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:51	1
Selenium	ND		0.025	0.0087	mg/L		06/13/19 07:42	06/18/19 20:51	1
Silver	ND		0.0060	0.0017	mg/L		06/13/19 07:42	06/18/19 20:51	1
Sodium	64.8		1.0	0.32	mg/L		06/13/19 07:42	06/18/19 20:51	1
Thallium	ND		0.020	0.010	mg/L		06/13/19 07:42	06/18/19 20:51	1
Vanadium	ND		0.0050	0.0015	mg/L		06/13/19 07:42	06/18/19 20:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-19

Lab Sample ID: 480-154785-6

Date Collected: 06/11/19 09:05

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.017		0.010	0.0015	mg/L		06/13/19 07:42	06/18/19 20:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/13/19 11:33	06/13/19 14:47	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WP-3A

Lab Sample ID: 480-154785-7

Date Collected: 06/11/19 12:25

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/14/19 04:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/14/19 04:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/14/19 04:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/14/19 04:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/14/19 04:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/14/19 04:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/14/19 04:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/14/19 04:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/14/19 04:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/14/19 04:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/14/19 04:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/14/19 04:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/14/19 04:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/14/19 04:22	1
2-Hexanone	ND		5.0	1.2	ug/L			06/14/19 04:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/14/19 04:22	1
Acetone	ND		10	3.0	ug/L			06/14/19 04:22	1
Benzene	ND		1.0	0.41	ug/L			06/14/19 04:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/14/19 04:22	1
Bromoform	ND		1.0	0.26	ug/L			06/14/19 04:22	1
Bromomethane	ND		1.0	0.69	ug/L			06/14/19 04:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/14/19 04:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/14/19 04:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/14/19 04:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/14/19 04:22	1
Chloroethane	ND		1.0	0.32	ug/L			06/14/19 04:22	1
Chloroform	ND		1.0	0.34	ug/L			06/14/19 04:22	1
Chloromethane	ND		1.0	0.35	ug/L			06/14/19 04:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/14/19 04:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/14/19 04:22	1
Cyclohexane	ND		1.0	0.18	ug/L			06/14/19 04:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/14/19 04:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/14/19 04:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/14/19 04:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/14/19 04:22	1
Methyl acetate	ND		2.5	1.3	ug/L			06/14/19 04:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/14/19 04:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/14/19 04:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/14/19 04:22	1
Styrene	ND		1.0	0.73	ug/L			06/14/19 04:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/14/19 04:22	1
Toluene	ND		1.0	0.51	ug/L			06/14/19 04:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/14/19 04:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/14/19 04:22	1
Trichloroethene	ND		1.0	0.46	ug/L			06/14/19 04:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/14/19 04:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/14/19 04:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/14/19 04:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WP-3A

Lab Sample ID: 480-154785-7

Date Collected: 06/11/19 12:25

Matrix: Water

Date Received: 06/11/19 16:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/14/19 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120					06/14/19 04:22	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					06/14/19 04:22	1
4-Bromofluorobenzene (Surr)	93		73 - 120					06/14/19 04:22	1
Dibromofluoromethane (Surr)	97		75 - 123					06/14/19 04:22	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/13/19 08:25	06/20/19 22:27	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/13/19 08:25	06/20/19 22:27	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 22:27	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/13/19 08:25	06/20/19 22:27	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 22:27	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/13/19 08:25	06/20/19 22:27	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 22:27	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 22:27	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 22:27	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 22:27	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/13/19 08:25	06/20/19 22:27	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 22:27	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/13/19 08:25	06/20/19 22:27	1
2-Nitroaniline	ND		10	0.42	ug/L		06/13/19 08:25	06/20/19 22:27	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 22:27	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 22:27	1
3-Nitroaniline	ND		10	0.48	ug/L		06/13/19 08:25	06/20/19 22:27	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 22:27	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 22:27	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 22:27	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 22:27	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 22:27	1
4-Methylphenol	ND		10	0.36	ug/L		06/13/19 08:25	06/20/19 22:27	1
4-Nitroaniline	ND		10	0.25	ug/L		06/13/19 08:25	06/20/19 22:27	1
4-Nitrophenol	ND		10	1.5	ug/L		06/13/19 08:25	06/20/19 22:27	1
Acenaphthene	ND		5.0	0.41	ug/L		06/13/19 08:25	06/20/19 22:27	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/13/19 08:25	06/20/19 22:27	1
Acetophenone	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 22:27	1
Anthracene	ND		5.0	0.28	ug/L		06/13/19 08:25	06/20/19 22:27	1
Atrazine	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 22:27	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/13/19 08:25	06/20/19 22:27	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 22:27	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 22:27	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 22:27	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 22:27	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/13/19 08:25	06/20/19 22:27	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 22:27	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 22:27	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 22:27	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/13/19 08:25	06/20/19 22:27	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WP-3A

Lab Sample ID: 480-154785-7

Date Collected: 06/11/19 12:25

Matrix: Water

Date Received: 06/11/19 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 22:27	1
Carbazole	ND		5.0	0.30	ug/L		06/13/19 08:25	06/20/19 22:27	1
Chrysene	ND		5.0	0.33	ug/L		06/13/19 08:25	06/20/19 22:27	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/13/19 08:25	06/20/19 22:27	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/13/19 08:25	06/20/19 22:27	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 22:27	1
Dibenzofuran	ND		10	0.51	ug/L		06/13/19 08:25	06/20/19 22:27	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/13/19 08:25	06/20/19 22:27	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 22:27	1
Fluoranthene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 22:27	1
Fluorene	0.48	J B	5.0	0.36	ug/L		06/13/19 08:25	06/20/19 22:27	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 22:27	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/13/19 08:25	06/20/19 22:27	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 22:27	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 22:27	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 22:27	1
Isophorone	ND		5.0	0.43	ug/L		06/13/19 08:25	06/20/19 22:27	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 22:27	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 22:27	1
Naphthalene	ND		5.0	0.76	ug/L		06/13/19 08:25	06/20/19 22:27	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/13/19 08:25	06/20/19 22:27	1
Pentachlorophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 22:27	1
Phenanthrene	2.1	J B	5.0	0.44	ug/L		06/13/19 08:25	06/20/19 22:27	1
Phenol	ND		5.0	0.39	ug/L		06/13/19 08:25	06/20/19 22:27	1
Pyrene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 22:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	90		46 - 120	06/13/19 08:25	06/20/19 22:27	1
Phenol-d5 (Surr)	50		22 - 120	06/13/19 08:25	06/20/19 22:27	1
p-Terphenyl-d14 (Surr)	85		59 - 136	06/13/19 08:25	06/20/19 22:27	1
2,4,6-Tribromophenol (Surr)	103		41 - 120	06/13/19 08:25	06/20/19 22:27	1
2-Fluorobiphenyl	98		48 - 120	06/13/19 08:25	06/20/19 22:27	1
2-Fluorophenol (Surr)	72		35 - 120	06/13/19 08:25	06/20/19 22:27	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/13/19 15:42	06/14/19 13:45	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/13/19 15:42	06/14/19 13:45	1
beta-BHC	ND		0.050	0.025	ug/L		06/13/19 15:42	06/14/19 13:45	1
delta-BHC	0.015	J B	0.050	0.010	ug/L		06/13/19 15:42	06/14/19 13:45	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/13/19 15:42	06/14/19 13:45	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/13/19 15:42	06/14/19 13:45	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/13/19 15:42	06/14/19 13:45	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 13:45	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 13:45	1
Dieldrin	ND		0.050	0.0098	ug/L		06/13/19 15:42	06/14/19 13:45	1
Endosulfan I	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 13:45	1
Endosulfan II	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 13:45	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 13:45	1
Endrin	ND		0.050	0.014	ug/L		06/13/19 15:42	06/14/19 13:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WP-3A

Lab Sample ID: 480-154785-7

Date Collected: 06/11/19 12:25

Matrix: Water

Date Received: 06/11/19 16:20

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 13:45	1
Heptachlor	ND		0.050	0.0085	ug/L		06/13/19 15:42	06/14/19 13:45	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/13/19 15:42	06/14/19 13:45	1
Toxaphene	ND		0.50	0.12	ug/L		06/13/19 15:42	06/14/19 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		23 - 120	06/13/19 15:42	06/14/19 13:45	1
DCB Decachlorobiphenyl	76		23 - 120	06/13/19 15:42	06/14/19 13:45	1
Tetrachloro-m-xylene	69		44 - 120	06/13/19 15:42	06/14/19 13:45	1
Tetrachloro-m-xylene	68		44 - 120	06/13/19 15:42	06/14/19 13:45	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:16	1
PCB-1221	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:16	1
PCB-1232	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:16	1
PCB-1242	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:16	1
PCB-1248	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:16	1
PCB-1254	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 16:16	1
PCB-1260	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		36 - 121	06/13/19 15:50	06/16/19 16:16	1
DCB Decachlorobiphenyl	92		36 - 121	06/13/19 15:50	06/16/19 16:16	1
Tetrachloro-m-xylene	75		42 - 135	06/13/19 15:50	06/16/19 16:16	1
Tetrachloro-m-xylene	63		42 - 135	06/13/19 15:50	06/16/19 16:16	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/13/19 07:42	06/18/19 20:54	1
Antimony	ND		0.020	0.0068	mg/L		06/13/19 07:42	06/18/19 20:54	1
Arsenic	ND		0.015	0.0056	mg/L		06/13/19 07:42	06/18/19 20:54	1
Barium	0.11		0.0020	0.00070	mg/L		06/13/19 07:42	06/18/19 20:54	1
Beryllium	ND		0.0020	0.00030	mg/L		06/13/19 07:42	06/18/19 20:54	1
Cadmium	ND		0.0020	0.00050	mg/L		06/13/19 07:42	06/18/19 20:54	1
Calcium	124		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:54	1
Chromium	ND		0.0040	0.0010	mg/L		06/13/19 07:42	06/18/19 20:54	1
Cobalt	0.0016	J	0.0040	0.00063	mg/L		06/13/19 07:42	06/18/19 20:54	1
Copper	ND		0.010	0.0016	mg/L		06/13/19 07:42	06/18/19 20:54	1
Iron	0.37		0.050	0.019	mg/L		06/13/19 07:42	06/18/19 20:54	1
Lead	ND		0.010	0.0030	mg/L		06/13/19 07:42	06/18/19 20:54	1
Magnesium	54.4		0.20	0.043	mg/L		06/13/19 07:42	06/18/19 20:54	1
Manganese	0.11		0.0030	0.00040	mg/L		06/13/19 07:42	06/18/19 20:54	1
Nickel	ND		0.010	0.0013	mg/L		06/13/19 07:42	06/18/19 20:54	1
Potassium	4.1		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:54	1
Selenium	ND		0.025	0.0087	mg/L		06/13/19 07:42	06/18/19 20:54	1
Silver	ND		0.0060	0.0017	mg/L		06/13/19 07:42	06/18/19 20:54	1
Sodium	39.1		1.0	0.32	mg/L		06/13/19 07:42	06/18/19 20:54	1
Thallium	ND		0.020	0.010	mg/L		06/13/19 07:42	06/18/19 20:54	1
Vanadium	ND		0.0050	0.0015	mg/L		06/13/19 07:42	06/18/19 20:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WP-3A

Lab Sample ID: 480-154785-7

Date Collected: 06/11/19 12:25

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/13/19 07:42	06/18/19 20:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/13/19 11:33	06/13/19 14:55	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: BR-2

Lab Sample ID: 480-154785-8

Date Collected: 06/11/19 14:25

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/14/19 04:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/14/19 04:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/14/19 04:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/14/19 04:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/14/19 04:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/14/19 04:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/14/19 04:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/14/19 04:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/14/19 04:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/14/19 04:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/14/19 04:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/14/19 04:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/14/19 04:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/14/19 04:46	1
2-Hexanone	ND		5.0	1.2	ug/L			06/14/19 04:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/14/19 04:46	1
Acetone	ND		10	3.0	ug/L			06/14/19 04:46	1
Benzene	ND		1.0	0.41	ug/L			06/14/19 04:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/14/19 04:46	1
Bromoform	ND		1.0	0.26	ug/L			06/14/19 04:46	1
Bromomethane	ND		1.0	0.69	ug/L			06/14/19 04:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/14/19 04:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/14/19 04:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/14/19 04:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/14/19 04:46	1
Chloroethane	ND		1.0	0.32	ug/L			06/14/19 04:46	1
Chloroform	ND		1.0	0.34	ug/L			06/14/19 04:46	1
Chloromethane	ND		1.0	0.35	ug/L			06/14/19 04:46	1
cis-1,2-Dichloroethene	20		1.0	0.81	ug/L			06/14/19 04:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/14/19 04:46	1
Cyclohexane	ND		1.0	0.18	ug/L			06/14/19 04:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/14/19 04:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/14/19 04:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/14/19 04:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/14/19 04:46	1
Methyl acetate	ND		2.5	1.3	ug/L			06/14/19 04:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/14/19 04:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/14/19 04:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/14/19 04:46	1
Styrene	ND		1.0	0.73	ug/L			06/14/19 04:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/14/19 04:46	1
Toluene	ND		1.0	0.51	ug/L			06/14/19 04:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/14/19 04:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/14/19 04:46	1
Trichloroethene	ND		1.0	0.46	ug/L			06/14/19 04:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/14/19 04:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/14/19 04:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/14/19 04:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: BR-2

Lab Sample ID: 480-154785-8

Date Collected: 06/11/19 14:25

Matrix: Water

Date Received: 06/11/19 16:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/14/19 04:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120					06/14/19 04:46	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					06/14/19 04:46	1
4-Bromofluorobenzene (Surr)	93		73 - 120					06/14/19 04:46	1
Dibromofluoromethane (Surr)	101		75 - 123					06/14/19 04:46	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/13/19 08:25	06/20/19 22:55	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/13/19 08:25	06/20/19 22:55	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 22:55	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/13/19 08:25	06/20/19 22:55	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 22:55	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/13/19 08:25	06/20/19 22:55	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 22:55	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 22:55	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 22:55	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 22:55	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/13/19 08:25	06/20/19 22:55	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 22:55	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/13/19 08:25	06/20/19 22:55	1
2-Nitroaniline	ND		10	0.42	ug/L		06/13/19 08:25	06/20/19 22:55	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 22:55	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 22:55	1
3-Nitroaniline	ND		10	0.48	ug/L		06/13/19 08:25	06/20/19 22:55	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 22:55	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 22:55	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 22:55	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 22:55	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 22:55	1
4-Methylphenol	ND		10	0.36	ug/L		06/13/19 08:25	06/20/19 22:55	1
4-Nitroaniline	ND		10	0.25	ug/L		06/13/19 08:25	06/20/19 22:55	1
4-Nitrophenol	ND		10	1.5	ug/L		06/13/19 08:25	06/20/19 22:55	1
Acenaphthene	ND		5.0	0.41	ug/L		06/13/19 08:25	06/20/19 22:55	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/13/19 08:25	06/20/19 22:55	1
Acetophenone	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 22:55	1
Anthracene	ND		5.0	0.28	ug/L		06/13/19 08:25	06/20/19 22:55	1
Atrazine	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 22:55	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/13/19 08:25	06/20/19 22:55	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 22:55	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 22:55	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 22:55	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 22:55	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/13/19 08:25	06/20/19 22:55	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 22:55	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 22:55	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 22:55	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/13/19 08:25	06/20/19 22:55	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: BR-2

Lab Sample ID: 480-154785-8

Date Collected: 06/11/19 14:25

Matrix: Water

Date Received: 06/11/19 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 22:55	1
Carbazole	ND		5.0	0.30	ug/L		06/13/19 08:25	06/20/19 22:55	1
Chrysene	ND		5.0	0.33	ug/L		06/13/19 08:25	06/20/19 22:55	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/13/19 08:25	06/20/19 22:55	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/13/19 08:25	06/20/19 22:55	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 22:55	1
Dibenzofuran	ND		10	0.51	ug/L		06/13/19 08:25	06/20/19 22:55	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/13/19 08:25	06/20/19 22:55	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 22:55	1
Fluoranthene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 22:55	1
Fluorene	0.60	J B	5.0	0.36	ug/L		06/13/19 08:25	06/20/19 22:55	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 22:55	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/13/19 08:25	06/20/19 22:55	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 22:55	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 22:55	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 22:55	1
Isophorone	ND		5.0	0.43	ug/L		06/13/19 08:25	06/20/19 22:55	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 22:55	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 22:55	1
Naphthalene	ND		5.0	0.76	ug/L		06/13/19 08:25	06/20/19 22:55	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/13/19 08:25	06/20/19 22:55	1
Pentachlorophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 22:55	1
Phenanthrene	2.6	J B	5.0	0.44	ug/L		06/13/19 08:25	06/20/19 22:55	1
Phenol	ND		5.0	0.39	ug/L		06/13/19 08:25	06/20/19 22:55	1
Pyrene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	98		46 - 120	06/13/19 08:25	06/20/19 22:55	1
Phenol-d5 (Surr)	53		22 - 120	06/13/19 08:25	06/20/19 22:55	1
p-Terphenyl-d14 (Surr)	91		59 - 136	06/13/19 08:25	06/20/19 22:55	1
2,4,6-Tribromophenol (Surr)	114		41 - 120	06/13/19 08:25	06/20/19 22:55	1
2-Fluorobiphenyl	107		48 - 120	06/13/19 08:25	06/20/19 22:55	1
2-Fluorophenol (Surr)	76		35 - 120	06/13/19 08:25	06/20/19 22:55	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/13/19 15:42	06/14/19 14:05	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/13/19 15:42	06/14/19 14:05	1
beta-BHC	ND		0.050	0.025	ug/L		06/13/19 15:42	06/14/19 14:05	1
delta-BHC	0.015	J B	0.050	0.010	ug/L		06/13/19 15:42	06/14/19 14:05	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/13/19 15:42	06/14/19 14:05	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/13/19 15:42	06/14/19 14:05	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/13/19 15:42	06/14/19 14:05	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 14:05	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 14:05	1
Dieldrin	ND		0.050	0.0098	ug/L		06/13/19 15:42	06/14/19 14:05	1
Endosulfan I	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 14:05	1
Endosulfan II	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 14:05	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 14:05	1
Endrin	ND		0.050	0.014	ug/L		06/13/19 15:42	06/14/19 14:05	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: BR-2

Lab Sample ID: 480-154785-8

Date Collected: 06/11/19 14:25

Matrix: Water

Date Received: 06/11/19 16:20

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 14:05	1
Heptachlor	ND		0.050	0.0085	ug/L		06/13/19 15:42	06/14/19 14:05	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/13/19 15:42	06/14/19 14:05	1
Toxaphene	ND		0.50	0.12	ug/L		06/13/19 15:42	06/14/19 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		23 - 120	06/13/19 15:42	06/14/19 14:05	1
DCB Decachlorobiphenyl	97		23 - 120	06/13/19 15:42	06/14/19 14:05	1
Tetrachloro-m-xylene	78		44 - 120	06/13/19 15:42	06/14/19 14:05	1
Tetrachloro-m-xylene	79		44 - 120	06/13/19 15:42	06/14/19 14:05	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:28	1
PCB-1221	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:28	1
PCB-1232	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:28	1
PCB-1242	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:28	1
PCB-1248	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:28	1
PCB-1254	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 16:28	1
PCB-1260	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		36 - 121	06/13/19 15:50	06/16/19 16:28	1
DCB Decachlorobiphenyl	82		36 - 121	06/13/19 15:50	06/16/19 16:28	1
Tetrachloro-m-xylene	76		42 - 135	06/13/19 15:50	06/16/19 16:28	1
Tetrachloro-m-xylene	64		42 - 135	06/13/19 15:50	06/16/19 16:28	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.69		0.20	0.060	mg/L		06/13/19 07:42	06/18/19 21:09	1
Antimony	ND		0.020	0.0068	mg/L		06/13/19 07:42	06/18/19 21:09	1
Arsenic	ND		0.015	0.0056	mg/L		06/13/19 07:42	06/18/19 21:09	1
Barium	0.11		0.0020	0.00070	mg/L		06/13/19 07:42	06/18/19 21:09	1
Beryllium	ND		0.0020	0.00030	mg/L		06/13/19 07:42	06/18/19 21:09	1
Cadmium	ND		0.0020	0.00050	mg/L		06/13/19 07:42	06/18/19 21:09	1
Calcium	208		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 21:09	1
Chromium	0.0012	J	0.0040	0.0010	mg/L		06/13/19 07:42	06/18/19 21:09	1
Cobalt	0.0011	J	0.0040	0.00063	mg/L		06/13/19 07:42	06/18/19 21:09	1
Copper	ND		0.010	0.0016	mg/L		06/13/19 07:42	06/18/19 21:09	1
Iron	1.7		0.050	0.019	mg/L		06/13/19 07:42	06/18/19 21:09	1
Lead	ND		0.010	0.0030	mg/L		06/13/19 07:42	06/18/19 21:09	1
Magnesium	65.9		0.20	0.043	mg/L		06/13/19 07:42	06/18/19 21:09	1
Manganese	0.18		0.0030	0.00040	mg/L		06/13/19 07:42	06/18/19 21:09	1
Nickel	ND		0.010	0.0013	mg/L		06/13/19 07:42	06/18/19 21:09	1
Potassium	7.1		0.50	0.10	mg/L		06/13/19 07:42	06/19/19 11:01	1
Selenium	ND		0.025	0.0087	mg/L		06/13/19 07:42	06/18/19 21:09	1
Silver	ND		0.0060	0.0017	mg/L		06/13/19 07:42	06/18/19 21:09	1
Sodium	347		1.0	0.32	mg/L		06/13/19 07:42	06/18/19 21:09	1
Thallium	ND		0.020	0.010	mg/L		06/13/19 07:42	06/18/19 21:09	1
Vanadium	ND		0.0050	0.0015	mg/L		06/13/19 07:42	06/18/19 21:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: BR-2

Lab Sample ID: 480-154785-8

Date Collected: 06/11/19 14:25

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/13/19 07:42	06/18/19 21:09	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/13/19 11:33	06/13/19 14:56	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-23

Lab Sample ID: 480-154785-9

Date Collected: 06/11/19 11:20

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/14/19 05:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/14/19 05:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/14/19 05:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/14/19 05:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/14/19 05:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/14/19 05:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/14/19 05:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/14/19 05:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/14/19 05:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/14/19 05:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/14/19 05:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/14/19 05:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/14/19 05:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/14/19 05:10	1
2-Hexanone	ND		5.0	1.2	ug/L			06/14/19 05:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/14/19 05:10	1
Acetone	ND		10	3.0	ug/L			06/14/19 05:10	1
Benzene	ND		1.0	0.41	ug/L			06/14/19 05:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/14/19 05:10	1
Bromoform	ND		1.0	0.26	ug/L			06/14/19 05:10	1
Bromomethane	ND		1.0	0.69	ug/L			06/14/19 05:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/14/19 05:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/14/19 05:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/14/19 05:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/14/19 05:10	1
Chloroethane	ND		1.0	0.32	ug/L			06/14/19 05:10	1
Chloroform	ND		1.0	0.34	ug/L			06/14/19 05:10	1
Chloromethane	ND		1.0	0.35	ug/L			06/14/19 05:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/14/19 05:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/14/19 05:10	1
Cyclohexane	ND		1.0	0.18	ug/L			06/14/19 05:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/14/19 05:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/14/19 05:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/14/19 05:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/14/19 05:10	1
Methyl acetate	ND		2.5	1.3	ug/L			06/14/19 05:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/14/19 05:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/14/19 05:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/14/19 05:10	1
Styrene	ND		1.0	0.73	ug/L			06/14/19 05:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/14/19 05:10	1
Toluene	ND		1.0	0.51	ug/L			06/14/19 05:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/14/19 05:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/14/19 05:10	1
Trichloroethene	ND		1.0	0.46	ug/L			06/14/19 05:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/14/19 05:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/14/19 05:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/14/19 05:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-23

Lab Sample ID: 480-154785-9

Date Collected: 06/11/19 11:20

Matrix: Water

Date Received: 06/11/19 16:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/14/19 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120					06/14/19 05:10	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					06/14/19 05:10	1
4-Bromofluorobenzene (Surr)	93		73 - 120					06/14/19 05:10	1
Dibromofluoromethane (Surr)	97		75 - 123					06/14/19 05:10	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/13/19 08:25	06/20/19 23:23	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/13/19 08:25	06/20/19 23:23	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 23:23	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/13/19 08:25	06/20/19 23:23	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 23:23	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/13/19 08:25	06/20/19 23:23	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 23:23	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 23:23	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 23:23	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 23:23	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/13/19 08:25	06/20/19 23:23	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 23:23	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/13/19 08:25	06/20/19 23:23	1
2-Nitroaniline	ND		10	0.42	ug/L		06/13/19 08:25	06/20/19 23:23	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 23:23	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 23:23	1
3-Nitroaniline	ND		10	0.48	ug/L		06/13/19 08:25	06/20/19 23:23	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 23:23	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 23:23	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 23:23	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 23:23	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 23:23	1
4-Methylphenol	ND		10	0.36	ug/L		06/13/19 08:25	06/20/19 23:23	1
4-Nitroaniline	ND		10	0.25	ug/L		06/13/19 08:25	06/20/19 23:23	1
4-Nitrophenol	ND		10	1.5	ug/L		06/13/19 08:25	06/20/19 23:23	1
Acenaphthene	ND		5.0	0.41	ug/L		06/13/19 08:25	06/20/19 23:23	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/13/19 08:25	06/20/19 23:23	1
Acetophenone	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 23:23	1
Anthracene	ND		5.0	0.28	ug/L		06/13/19 08:25	06/20/19 23:23	1
Atrazine	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 23:23	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/13/19 08:25	06/20/19 23:23	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 23:23	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 23:23	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 23:23	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 23:23	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/13/19 08:25	06/20/19 23:23	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 23:23	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 23:23	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 23:23	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/13/19 08:25	06/20/19 23:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-23

Lab Sample ID: 480-154785-9

Date Collected: 06/11/19 11:20

Matrix: Water

Date Received: 06/11/19 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 23:23	1
Carbazole	ND		5.0	0.30	ug/L		06/13/19 08:25	06/20/19 23:23	1
Chrysene	ND		5.0	0.33	ug/L		06/13/19 08:25	06/20/19 23:23	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/13/19 08:25	06/20/19 23:23	1
Di-n-butyl phthalate	0.53	J	5.0	0.31	ug/L		06/13/19 08:25	06/20/19 23:23	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 23:23	1
Dibenzofuran	ND		10	0.51	ug/L		06/13/19 08:25	06/20/19 23:23	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/13/19 08:25	06/20/19 23:23	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 23:23	1
Fluoranthene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 23:23	1
Fluorene	0.51	J B	5.0	0.36	ug/L		06/13/19 08:25	06/20/19 23:23	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 23:23	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/13/19 08:25	06/20/19 23:23	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 23:23	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 23:23	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 23:23	1
Isophorone	ND		5.0	0.43	ug/L		06/13/19 08:25	06/20/19 23:23	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 23:23	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 23:23	1
Naphthalene	ND		5.0	0.76	ug/L		06/13/19 08:25	06/20/19 23:23	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/13/19 08:25	06/20/19 23:23	1
Pentachlorophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 23:23	1
Phenanthrene	2.3	J B	5.0	0.44	ug/L		06/13/19 08:25	06/20/19 23:23	1
Phenol	ND		5.0	0.39	ug/L		06/13/19 08:25	06/20/19 23:23	1
Pyrene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 23:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	95		46 - 120	06/13/19 08:25	06/20/19 23:23	1
Phenol-d5 (Surr)	49		22 - 120	06/13/19 08:25	06/20/19 23:23	1
p-Terphenyl-d14 (Surr)	90		59 - 136	06/13/19 08:25	06/20/19 23:23	1
2,4,6-Tribromophenol (Surr)	111		41 - 120	06/13/19 08:25	06/20/19 23:23	1
2-Fluorobiphenyl	104		48 - 120	06/13/19 08:25	06/20/19 23:23	1
2-Fluorophenol (Surr)	71		35 - 120	06/13/19 08:25	06/20/19 23:23	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/13/19 15:42	06/14/19 14:24	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/13/19 15:42	06/14/19 14:24	1
beta-BHC	ND		0.050	0.025	ug/L		06/13/19 15:42	06/14/19 14:24	1
delta-BHC	ND		0.050	0.010	ug/L		06/13/19 15:42	06/14/19 14:24	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/13/19 15:42	06/14/19 14:24	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/13/19 15:42	06/14/19 14:24	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/13/19 15:42	06/14/19 14:24	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 14:24	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 14:24	1
Dieldrin	ND		0.050	0.0098	ug/L		06/13/19 15:42	06/14/19 14:24	1
Endosulfan I	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 14:24	1
Endosulfan II	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 14:24	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 14:24	1
Endrin	ND		0.050	0.014	ug/L		06/13/19 15:42	06/14/19 14:24	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-23

Lab Sample ID: 480-154785-9

Date Collected: 06/11/19 11:20

Matrix: Water

Date Received: 06/11/19 16:20

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 14:24	1
Heptachlor	ND		0.050	0.0085	ug/L		06/13/19 15:42	06/14/19 14:24	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/13/19 15:42	06/14/19 14:24	1
Toxaphene	ND		0.50	0.12	ug/L		06/13/19 15:42	06/14/19 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		23 - 120	06/13/19 15:42	06/14/19 14:24	1
DCB Decachlorobiphenyl	82		23 - 120	06/13/19 15:42	06/14/19 14:24	1
Tetrachloro-m-xylene	79		44 - 120	06/13/19 15:42	06/14/19 14:24	1
Tetrachloro-m-xylene	82		44 - 120	06/13/19 15:42	06/14/19 14:24	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:41	1
PCB-1221	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:41	1
PCB-1232	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:41	1
PCB-1242	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:41	1
PCB-1248	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:41	1
PCB-1254	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 16:41	1
PCB-1260	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 16:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		36 - 121	06/13/19 15:50	06/16/19 16:41	1
DCB Decachlorobiphenyl	78		36 - 121	06/13/19 15:50	06/16/19 16:41	1
Tetrachloro-m-xylene	77		42 - 135	06/13/19 15:50	06/16/19 16:41	1
Tetrachloro-m-xylene	65		42 - 135	06/13/19 15:50	06/16/19 16:41	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/13/19 07:42	06/18/19 21:13	1
Antimony	ND		0.020	0.0068	mg/L		06/13/19 07:42	06/18/19 21:13	1
Arsenic	ND		0.015	0.0056	mg/L		06/13/19 07:42	06/18/19 21:13	1
Barium	0.047		0.0020	0.00070	mg/L		06/13/19 07:42	06/18/19 21:13	1
Beryllium	ND		0.0020	0.00030	mg/L		06/13/19 07:42	06/18/19 21:13	1
Cadmium	ND		0.0020	0.00050	mg/L		06/13/19 07:42	06/18/19 21:13	1
Calcium	131		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 21:13	1
Chromium	ND		0.0040	0.0010	mg/L		06/13/19 07:42	06/18/19 21:13	1
Cobalt	ND		0.0040	0.00063	mg/L		06/13/19 07:42	06/18/19 21:13	1
Copper	ND		0.010	0.0016	mg/L		06/13/19 07:42	06/18/19 21:13	1
Iron	4.1		0.050	0.019	mg/L		06/13/19 07:42	06/18/19 21:13	1
Lead	0.0030	J	0.010	0.0030	mg/L		06/13/19 07:42	06/18/19 21:13	1
Magnesium	52.0		0.20	0.043	mg/L		06/13/19 07:42	06/18/19 21:13	1
Manganese	0.058		0.0030	0.00040	mg/L		06/13/19 07:42	06/18/19 21:13	1
Nickel	ND		0.010	0.0013	mg/L		06/13/19 07:42	06/18/19 21:13	1
Potassium	2.6		0.50	0.10	mg/L		06/13/19 07:42	06/19/19 11:05	1
Selenium	ND		0.025	0.0087	mg/L		06/13/19 07:42	06/18/19 21:13	1
Silver	ND		0.0060	0.0017	mg/L		06/13/19 07:42	06/18/19 21:13	1
Sodium	20.3		1.0	0.32	mg/L		06/13/19 07:42	06/18/19 21:13	1
Thallium	ND		0.020	0.010	mg/L		06/13/19 07:42	06/18/19 21:13	1
Vanadium	ND		0.0050	0.0015	mg/L		06/13/19 07:42	06/18/19 21:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-23

Lab Sample ID: 480-154785-9

Date Collected: 06/11/19 11:20

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/13/19 07:42	06/18/19 21:13	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/13/19 11:33	06/13/19 14:57	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WP-4

Lab Sample ID: 480-154785-10

Date Collected: 06/11/19 13:30

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			06/14/19 05:33	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			06/14/19 05:33	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			06/14/19 05:33	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			06/14/19 05:33	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			06/14/19 05:33	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			06/14/19 05:33	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			06/14/19 05:33	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			06/14/19 05:33	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			06/14/19 05:33	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			06/14/19 05:33	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			06/14/19 05:33	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			06/14/19 05:33	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			06/14/19 05:33	4
2-Butanone (MEK)	ND		40	5.3	ug/L			06/14/19 05:33	4
2-Hexanone	ND		20	5.0	ug/L			06/14/19 05:33	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			06/14/19 05:33	4
Acetone	ND		40	12	ug/L			06/14/19 05:33	4
Benzene	ND		4.0	1.6	ug/L			06/14/19 05:33	4
Bromodichloromethane	ND		4.0	1.6	ug/L			06/14/19 05:33	4
Bromoform	ND		4.0	1.0	ug/L			06/14/19 05:33	4
Bromomethane	ND		4.0	2.8	ug/L			06/14/19 05:33	4
Carbon disulfide	ND		4.0	0.76	ug/L			06/14/19 05:33	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			06/14/19 05:33	4
Chlorobenzene	ND		4.0	3.0	ug/L			06/14/19 05:33	4
Dibromochloromethane	ND		4.0	1.3	ug/L			06/14/19 05:33	4
Chloroethane	ND		4.0	1.3	ug/L			06/14/19 05:33	4
Chloroform	ND		4.0	1.4	ug/L			06/14/19 05:33	4
Chloromethane	ND		4.0	1.4	ug/L			06/14/19 05:33	4
cis-1,2-Dichloroethene	140		4.0	3.2	ug/L			06/14/19 05:33	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			06/14/19 05:33	4
Cyclohexane	ND		4.0	0.72	ug/L			06/14/19 05:33	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			06/14/19 05:33	4
Ethylbenzene	ND		4.0	3.0	ug/L			06/14/19 05:33	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			06/14/19 05:33	4
Isopropylbenzene	ND		4.0	3.2	ug/L			06/14/19 05:33	4
Methyl acetate	ND		10	5.2	ug/L			06/14/19 05:33	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			06/14/19 05:33	4
Methylcyclohexane	ND		4.0	0.64	ug/L			06/14/19 05:33	4
Methylene Chloride	ND		4.0	1.8	ug/L			06/14/19 05:33	4
Styrene	ND		4.0	2.9	ug/L			06/14/19 05:33	4
Tetrachloroethene	ND		4.0	1.4	ug/L			06/14/19 05:33	4
Toluene	ND		4.0	2.0	ug/L			06/14/19 05:33	4
trans-1,2-Dichloroethene	4.6		4.0	3.6	ug/L			06/14/19 05:33	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			06/14/19 05:33	4
Trichloroethene	13		4.0	1.8	ug/L			06/14/19 05:33	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			06/14/19 05:33	4
Vinyl chloride	ND		4.0	3.6	ug/L			06/14/19 05:33	4
Xylenes, Total	ND		8.0	2.6	ug/L			06/14/19 05:33	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WP-4

Lab Sample ID: 480-154785-10

Date Collected: 06/11/19 13:30

Matrix: Water

Date Received: 06/11/19 16:20

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/14/19 05:33	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120					06/14/19 05:33	4
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					06/14/19 05:33	4
4-Bromofluorobenzene (Surr)	92		73 - 120					06/14/19 05:33	4
Dibromofluoromethane (Surr)	100		75 - 123					06/14/19 05:33	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.2	0.68	ug/L		06/13/19 08:25	06/20/19 23:51	1
bis (2-chloroisopropyl) ether	ND		5.2	0.54	ug/L		06/13/19 08:25	06/20/19 23:51	1
2,4,5-Trichlorophenol	ND		5.2	0.50	ug/L		06/13/19 08:25	06/20/19 23:51	1
2,4,6-Trichlorophenol	ND		5.2	0.64	ug/L		06/13/19 08:25	06/20/19 23:51	1
2,4-Dichlorophenol	ND		5.2	0.53	ug/L		06/13/19 08:25	06/20/19 23:51	1
2,4-Dimethylphenol	ND		5.2	0.52	ug/L		06/13/19 08:25	06/20/19 23:51	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		06/13/19 08:25	06/20/19 23:51	1
2,4-Dinitrotoluene	ND		5.2	0.47	ug/L		06/13/19 08:25	06/20/19 23:51	1
2,6-Dinitrotoluene	ND		5.2	0.42	ug/L		06/13/19 08:25	06/20/19 23:51	1
2-Chloronaphthalene	ND		5.2	0.48	ug/L		06/13/19 08:25	06/20/19 23:51	1
2-Chlorophenol	ND		5.2	0.55	ug/L		06/13/19 08:25	06/20/19 23:51	1
2-Methylphenol	ND		5.2	0.42	ug/L		06/13/19 08:25	06/20/19 23:51	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		06/13/19 08:25	06/20/19 23:51	1
2-Nitroaniline	ND		10	0.44	ug/L		06/13/19 08:25	06/20/19 23:51	1
2-Nitrophenol	ND		5.2	0.50	ug/L		06/13/19 08:25	06/20/19 23:51	1
3,3'-Dichlorobenzidine	ND		5.2	0.42	ug/L		06/13/19 08:25	06/20/19 23:51	1
3-Nitroaniline	ND		10	0.50	ug/L		06/13/19 08:25	06/20/19 23:51	1
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L		06/13/19 08:25	06/20/19 23:51	1
4-Bromophenyl phenyl ether	ND		5.2	0.47	ug/L		06/13/19 08:25	06/20/19 23:51	1
4-Chloro-3-methylphenol	ND		5.2	0.47	ug/L		06/13/19 08:25	06/20/19 23:51	1
4-Chloroaniline	ND		5.2	0.61	ug/L		06/13/19 08:25	06/20/19 23:51	1
4-Chlorophenyl phenyl ether	ND		5.2	0.36	ug/L		06/13/19 08:25	06/20/19 23:51	1
4-Methylphenol	ND		10	0.38	ug/L		06/13/19 08:25	06/20/19 23:51	1
4-Nitroaniline	ND		10	0.26	ug/L		06/13/19 08:25	06/20/19 23:51	1
4-Nitrophenol	ND		10	1.6	ug/L		06/13/19 08:25	06/20/19 23:51	1
Acenaphthene	ND		5.2	0.43	ug/L		06/13/19 08:25	06/20/19 23:51	1
Acenaphthylene	ND		5.2	0.40	ug/L		06/13/19 08:25	06/20/19 23:51	1
Acetophenone	ND		5.2	0.56	ug/L		06/13/19 08:25	06/20/19 23:51	1
Anthracene	ND		5.2	0.29	ug/L		06/13/19 08:25	06/20/19 23:51	1
Atrazine	ND		5.2	0.48	ug/L		06/13/19 08:25	06/20/19 23:51	1
Benzaldehyde	ND		5.2	0.28	ug/L		06/13/19 08:25	06/20/19 23:51	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		06/13/19 08:25	06/20/19 23:51	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		06/13/19 08:25	06/20/19 23:51	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		06/13/19 08:25	06/20/19 23:51	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		06/13/19 08:25	06/20/19 23:51	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		06/13/19 08:25	06/20/19 23:51	1
Bis(2-chloroethoxy)methane	ND		5.2	0.36	ug/L		06/13/19 08:25	06/20/19 23:51	1
Bis(2-chloroethyl)ether	ND		5.2	0.42	ug/L		06/13/19 08:25	06/20/19 23:51	1
Bis(2-ethylhexyl) phthalate	ND		5.2	2.3	ug/L		06/13/19 08:25	06/20/19 23:51	1
Butyl benzyl phthalate	ND		5.2	1.0	ug/L		06/13/19 08:25	06/20/19 23:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WP-4

Lab Sample ID: 480-154785-10

Date Collected: 06/11/19 13:30

Matrix: Water

Date Received: 06/11/19 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.2	2.3	ug/L		06/13/19 08:25	06/20/19 23:51	1
Carbazole	ND		5.2	0.31	ug/L		06/13/19 08:25	06/20/19 23:51	1
Chrysene	ND		5.2	0.34	ug/L		06/13/19 08:25	06/20/19 23:51	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		06/13/19 08:25	06/20/19 23:51	1
Di-n-butyl phthalate	ND		5.2	0.32	ug/L		06/13/19 08:25	06/20/19 23:51	1
Di-n-octyl phthalate	ND		5.2	0.49	ug/L		06/13/19 08:25	06/20/19 23:51	1
Dibenzofuran	ND		10	0.53	ug/L		06/13/19 08:25	06/20/19 23:51	1
Diethyl phthalate	ND		5.2	0.23	ug/L		06/13/19 08:25	06/20/19 23:51	1
Dimethyl phthalate	ND		5.2	0.38	ug/L		06/13/19 08:25	06/20/19 23:51	1
Fluoranthene	ND		5.2	0.42	ug/L		06/13/19 08:25	06/20/19 23:51	1
Fluorene	0.49	J B	5.2	0.38	ug/L		06/13/19 08:25	06/20/19 23:51	1
Hexachlorobenzene	ND		5.2	0.53	ug/L		06/13/19 08:25	06/20/19 23:51	1
Hexachlorobutadiene	ND		5.2	0.71	ug/L		06/13/19 08:25	06/20/19 23:51	1
Hexachlorocyclopentadiene	ND		5.2	0.61	ug/L		06/13/19 08:25	06/20/19 23:51	1
Hexachloroethane	ND		5.2	0.61	ug/L		06/13/19 08:25	06/20/19 23:51	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		06/13/19 08:25	06/20/19 23:51	1
Isophorone	ND		5.2	0.45	ug/L		06/13/19 08:25	06/20/19 23:51	1
N-Nitrosodi-n-propylamine	ND		5.2	0.56	ug/L		06/13/19 08:25	06/20/19 23:51	1
N-Nitrosodiphenylamine	ND		5.2	0.53	ug/L		06/13/19 08:25	06/20/19 23:51	1
Naphthalene	ND		5.2	0.79	ug/L		06/13/19 08:25	06/20/19 23:51	1
Nitrobenzene	ND		5.2	0.30	ug/L		06/13/19 08:25	06/20/19 23:51	1
Pentachlorophenol	ND		10	2.3	ug/L		06/13/19 08:25	06/20/19 23:51	1
Phenanthrene	2.1	J B	5.2	0.46	ug/L		06/13/19 08:25	06/20/19 23:51	1
Phenol	ND		5.2	0.41	ug/L		06/13/19 08:25	06/20/19 23:51	1
Pyrene	ND		5.2	0.35	ug/L		06/13/19 08:25	06/20/19 23:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	90		46 - 120	06/13/19 08:25	06/20/19 23:51	1
Phenol-d5 (Surr)	50		22 - 120	06/13/19 08:25	06/20/19 23:51	1
p-Terphenyl-d14 (Surr)	86		59 - 136	06/13/19 08:25	06/20/19 23:51	1
2,4,6-Tribromophenol (Surr)	108		41 - 120	06/13/19 08:25	06/20/19 23:51	1
2-Fluorobiphenyl	97		48 - 120	06/13/19 08:25	06/20/19 23:51	1
2-Fluorophenol (Surr)	72		35 - 120	06/13/19 08:25	06/20/19 23:51	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/13/19 15:42	06/14/19 14:44	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/13/19 15:42	06/14/19 14:44	1
beta-BHC	ND		0.050	0.025	ug/L		06/13/19 15:42	06/14/19 14:44	1
delta-BHC	0.015	J B	0.050	0.010	ug/L		06/13/19 15:42	06/14/19 14:44	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/13/19 15:42	06/14/19 14:44	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/13/19 15:42	06/14/19 14:44	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/13/19 15:42	06/14/19 14:44	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 14:44	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 14:44	1
Dieldrin	ND		0.050	0.0098	ug/L		06/13/19 15:42	06/14/19 14:44	1
Endosulfan I	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 14:44	1
Endosulfan II	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 14:44	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 14:44	1
Endrin	ND		0.050	0.014	ug/L		06/13/19 15:42	06/14/19 14:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WP-4

Lab Sample ID: 480-154785-10

Date Collected: 06/11/19 13:30

Matrix: Water

Date Received: 06/11/19 16:20

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 14:44	1
Heptachlor	ND		0.050	0.0085	ug/L		06/13/19 15:42	06/14/19 14:44	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/13/19 15:42	06/14/19 14:44	1
Toxaphene	ND		0.50	0.12	ug/L		06/13/19 15:42	06/14/19 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		23 - 120				06/13/19 15:42	06/14/19 14:44	1
DCB Decachlorobiphenyl	83		23 - 120				06/13/19 15:42	06/14/19 14:44	1
Tetrachloro-m-xylene	72		44 - 120				06/13/19 15:42	06/14/19 14:44	1
Tetrachloro-m-xylene	73		44 - 120				06/13/19 15:42	06/14/19 14:44	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:53	1
PCB-1221	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:53	1
PCB-1232	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:53	1
PCB-1242	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:53	1
PCB-1248	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 16:53	1
PCB-1254	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 16:53	1
PCB-1260	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		36 - 121				06/13/19 15:50	06/16/19 16:53	1
DCB Decachlorobiphenyl	105		36 - 121				06/13/19 15:50	06/16/19 16:53	1
Tetrachloro-m-xylene	87		42 - 135				06/13/19 15:50	06/16/19 16:53	1
Tetrachloro-m-xylene	77		42 - 135				06/13/19 15:50	06/16/19 16:53	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/13/19 07:42	06/18/19 21:17	1
Antimony	ND		0.020	0.0068	mg/L		06/13/19 07:42	06/18/19 21:17	1
Arsenic	ND		0.015	0.0056	mg/L		06/13/19 07:42	06/18/19 21:17	1
Barium	0.025		0.0020	0.00070	mg/L		06/13/19 07:42	06/18/19 21:17	1
Beryllium	ND		0.0020	0.00030	mg/L		06/13/19 07:42	06/18/19 21:17	1
Cadmium	ND		0.0020	0.00050	mg/L		06/13/19 07:42	06/18/19 21:17	1
Calcium	162		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 21:17	1
Chromium	0.0033	J	0.0040	0.0010	mg/L		06/13/19 07:42	06/18/19 21:17	1
Cobalt	ND		0.0040	0.00063	mg/L		06/13/19 07:42	06/18/19 21:17	1
Copper	ND		0.010	0.0016	mg/L		06/13/19 07:42	06/18/19 21:17	1
Iron	ND		0.050	0.019	mg/L		06/13/19 07:42	06/18/19 21:17	1
Lead	ND		0.010	0.0030	mg/L		06/13/19 07:42	06/18/19 21:17	1
Magnesium	45.5		0.20	0.043	mg/L		06/13/19 07:42	06/18/19 21:17	1
Manganese	0.036		0.0030	0.00040	mg/L		06/13/19 07:42	06/18/19 21:17	1
Nickel	0.0044	J	0.010	0.0013	mg/L		06/13/19 07:42	06/18/19 21:17	1
Potassium	2.6		0.50	0.10	mg/L		06/13/19 07:42	06/19/19 11:09	1
Selenium	ND		0.025	0.0087	mg/L		06/13/19 07:42	06/18/19 21:17	1
Silver	ND		0.0060	0.0017	mg/L		06/13/19 07:42	06/18/19 21:17	1
Sodium	110		1.0	0.32	mg/L		06/13/19 07:42	06/18/19 21:17	1
Thallium	ND		0.020	0.010	mg/L		06/13/19 07:42	06/18/19 21:17	1
Vanadium	ND		0.0050	0.0015	mg/L		06/13/19 07:42	06/18/19 21:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WP-4

Lab Sample ID: 480-154785-10

Date Collected: 06/11/19 13:30

Matrix: Water

Date Received: 06/11/19 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/13/19 07:42	06/18/19 21:17	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/13/19 11:33	06/13/19 14:59	1

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-154785-1	WT-1A	92	101	90	96
480-154785-3	WT-2	94	98	93	97
480-154785-4	WT-3	94	105	92	98
480-154785-5	WT-4	92	101	91	96
480-154785-6	RFI-19	95	104	91	102
480-154785-7	WP-3A	93	102	93	97
480-154785-8	BR-2	93	102	93	101
480-154785-9	RFI-23	93	100	93	97
480-154785-10	WP-4	94	100	92	100
LCS 480-477721/5	Lab Control Sample	96	99	96	98
MB 480-477721/7	Method Blank	93	101	90	95

Surrogate Legend

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

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (46-120)	PHL (22-120)	TPHd14 (59-136)	TBP (41-120)	FBP (48-120)	2FP (35-120)
480-154785-1	WT-1A	86	49	76	109	96	69
480-154785-2	WT-1B	85	47	86	98	92	67
480-154785-3	WT-2	87	47	98	115	95	67
480-154785-4	WT-3	96	54	99	115	105	77
480-154785-5	WT-4	96	51	79	111	104	72
480-154785-6	RFI-19	93	51	83	108	103	70
480-154785-7	WP-3A	90	50	85	103	98	72
480-154785-8	BR-2	98	53	91	114	107	76
480-154785-9	RFI-23	95	49	90	111	104	71
480-154785-10	WP-4	90	50	86	108	97	72
LCS 480-477576/2-A	Lab Control Sample	89	57	101	112	97	74
MB 480-477576/1-A	Method Blank	94	53	108	102	102	75

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Method: 608.3 - Organochlorine Pesticides in Water

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (23-120)	DCBP2 (23-120)	TCX1 (44-120)	TCX2 (44-120)
480-154785-1	WT-1A	67	67	70	60
480-154785-2	WT-1B	75	77	59	68
480-154785-3	WT-2	76	81	58	79
480-154785-4	WT-3	84	82	79	79
480-154785-5	WT-4	66	64	64	66
480-154785-6	RFI-19	47	48	79	73
480-154785-7	WP-3A	75	76	69	68
480-154785-8	BR-2	98	97	78	79
480-154785-9	RFI-23	86	82	79	82
480-154785-10	WP-4	87	83	72	73
LCS 480-477691/2-A	Lab Control Sample	52	50	84	82
LCSD 480-477691/3-A	Lab Control Sample Dup	55	54	74	87
MB 480-477691/1-A	Method Blank	54	50	87	82

Surrogate Legend
DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (36-121)	DCBP2 (36-121)	TCX1 (42-135)	TCX2 (42-135)
480-154785-1	WT-1A	66	70	73	64
480-154785-2	WT-1B	71	73	82	75
480-154785-3	WT-2	69	72	76	65
480-154785-4	WT-3	93	93	88	73
480-154785-5	WT-4	72	73	69	60
480-154785-6	RFI-19	60	63	77	66
480-154785-7	WP-3A	92	92	75	63
480-154785-8	BR-2	80	82	76	64
480-154785-9	RFI-23	76	78	77	65
480-154785-10	WP-4	101	105	87	77
LCS 480-477692/2-A	Lab Control Sample	44	49	77	71
LCSD 480-477692/3-A	Lab Control Sample Dup	46	49	72	67
MB 480-477692/1-A	Method Blank	49	56	83	73

Surrogate Legend
DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

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

Lab Sample ID: MB 480-47721/7

Matrix: Water

Analysis Batch: 47721

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-Trichloroethane	ND		1.0	0.82	ug/L			06/13/19 22:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/13/19 22:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/13/19 22:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/13/19 22:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/13/19 22:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/13/19 22:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/13/19 22:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/13/19 22:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/13/19 22:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/13/19 22:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/13/19 22:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/13/19 22:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/13/19 22:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/13/19 22:58	1
2-Hexanone	ND		5.0	1.2	ug/L			06/13/19 22:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/13/19 22:58	1
Acetone	ND		10	3.0	ug/L			06/13/19 22:58	1
Benzene	ND		1.0	0.41	ug/L			06/13/19 22:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/13/19 22:58	1
Bromoform	ND		1.0	0.26	ug/L			06/13/19 22:58	1
Bromomethane	ND		1.0	0.69	ug/L			06/13/19 22:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/13/19 22:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/13/19 22:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/13/19 22:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/13/19 22:58	1
Chloroethane	ND		1.0	0.32	ug/L			06/13/19 22:58	1
Chloroform	ND		1.0	0.34	ug/L			06/13/19 22:58	1
Chloromethane	ND		1.0	0.35	ug/L			06/13/19 22:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/13/19 22:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/13/19 22:58	1
Cyclohexane	ND		1.0	0.18	ug/L			06/13/19 22:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/13/19 22:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/13/19 22:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/13/19 22:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/13/19 22:58	1
Methyl acetate	ND		2.5	1.3	ug/L			06/13/19 22:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/13/19 22:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/13/19 22:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/13/19 22:58	1
Styrene	ND		1.0	0.73	ug/L			06/13/19 22:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/13/19 22:58	1
Toluene	ND		1.0	0.51	ug/L			06/13/19 22:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/13/19 22:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/13/19 22:58	1
Trichloroethene	ND		1.0	0.46	ug/L			06/13/19 22:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/13/19 22:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/13/19 22:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/13/19 22:58	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

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

Lab Sample ID: MB 480-477721/7

Matrix: Water

Analysis Batch: 477721

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		ug/L					06/13/19 22:58	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Toluene-d8 (Surr)	93		80 - 120					06/13/19 22:58	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					06/13/19 22:58	1
4-Bromofluorobenzene (Surr)	90		73 - 120					06/13/19 22:58	1
Dibromofluoromethane (Surr)	95		75 - 123					06/13/19 22:58	1

Lab Sample ID: LCS 480-477721/5

Matrix: Water

Analysis Batch: 477721

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>
1,1,1-Trichloroethane	25.0	25.2		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	20.7		ug/L		83	76 - 120
1,1,2-Trichloroethane	25.0	22.6		ug/L		90	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.9		ug/L		96	61 - 148
1,1-Dichloroethane	25.0	25.0		ug/L		100	77 - 120
1,1-Dichloroethene	25.0	20.2		ug/L		81	66 - 127
1,2,4-Trichlorobenzene	25.0	24.1		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	18.5		ug/L		74	56 - 134
1,2-Dichlorobenzene	25.0	24.1		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	24.9		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	26.3		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	24.1		ug/L		96	80 - 120
2-Butanone (MEK)	125	95.4		ug/L		76	57 - 140
2-Hexanone	125	110		ug/L		88	65 - 127
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	71 - 125
Acetone	125	97.9		ug/L		78	56 - 142
Benzene	25.0	23.9		ug/L		96	71 - 124
Bromodichloromethane	25.0	24.8		ug/L		99	80 - 122
Bromoform	25.0	22.8		ug/L		91	61 - 132
Bromomethane	25.0	22.6		ug/L		90	55 - 144
Carbon disulfide	25.0	21.3		ug/L		85	59 - 134
Carbon tetrachloride	25.0	26.7		ug/L		107	72 - 134
Chlorobenzene	25.0	25.1		ug/L		100	80 - 120
Dibromochloromethane	25.0	25.7		ug/L		103	75 - 125
Chloroethane	25.0	24.5		ug/L		98	69 - 136
Chloroform	25.0	23.8		ug/L		95	73 - 127
Chloromethane	25.0	29.4		ug/L		117	68 - 124
cis-1,2-Dichloroethene	25.0	23.3		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	24.3		ug/L		97	74 - 124
Cyclohexane	25.0	26.0		ug/L		104	59 - 135
Dichlorodifluoromethane	25.0	28.8		ug/L		115	59 - 135
Ethylbenzene	25.0	24.7		ug/L		99	77 - 123
1,2-Dibromoethane	25.0	22.1		ug/L		88	77 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

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

Lab Sample ID: LCS 480-477721/5

Matrix: Water

Analysis Batch: 477721

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	25.0	24.6		ug/L		99	77 - 122
Methyl acetate	50.0	37.7		ug/L		75	74 - 133
Methyl tert-butyl ether	25.0	22.2		ug/L		89	77 - 120
Methylcyclohexane	25.0	24.0		ug/L		96	68 - 134
Methylene Chloride	25.0	23.2		ug/L		93	75 - 124
Styrene	25.0	24.4		ug/L		98	80 - 120
Tetrachloroethene	25.0	25.0		ug/L		100	74 - 122
Toluene	25.0	24.7		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127
trans-1,3-Dichloropropene	25.0	23.6		ug/L		94	80 - 120
Trichloroethene	25.0	23.8		ug/L		95	74 - 123
Trichlorofluoromethane	25.0	24.3		ug/L		97	62 - 150
Vinyl chloride	25.0	28.6		ug/L		114	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	96		80 - 120
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Dibromofluoromethane (Surr)	98		75 - 123

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-477576/1-A

Matrix: Water

Analysis Batch: 478836

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477576

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/13/19 08:25	06/20/19 14:29	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/13/19 08:25	06/20/19 14:29	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 14:29	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/13/19 08:25	06/20/19 14:29	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 14:29	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/13/19 08:25	06/20/19 14:29	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 14:29	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 14:29	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 14:29	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 14:29	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/13/19 08:25	06/20/19 14:29	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 14:29	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/13/19 08:25	06/20/19 14:29	1
2-Nitroaniline	ND		10	0.42	ug/L		06/13/19 08:25	06/20/19 14:29	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/13/19 08:25	06/20/19 14:29	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 14:29	1
3-Nitroaniline	ND		10	0.48	ug/L		06/13/19 08:25	06/20/19 14:29	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 14:29	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 14:29	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/13/19 08:25	06/20/19 14:29	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 14:29	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 14:29	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-477576/1-A

Matrix: Water

Analysis Batch: 478836

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477576

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methylphenol	ND		10	0.36	ug/L		06/13/19 08:25	06/20/19 14:29	1
4-Nitroaniline	ND		10	0.25	ug/L		06/13/19 08:25	06/20/19 14:29	1
4-Nitrophenol	ND		10	1.5	ug/L		06/13/19 08:25	06/20/19 14:29	1
Acenaphthene	ND		5.0	0.41	ug/L		06/13/19 08:25	06/20/19 14:29	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/13/19 08:25	06/20/19 14:29	1
Acetophenone	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 14:29	1
Anthracene	ND		5.0	0.28	ug/L		06/13/19 08:25	06/20/19 14:29	1
Atrazine	ND		5.0	0.46	ug/L		06/13/19 08:25	06/20/19 14:29	1
Benzaldehyde	0.416	J	5.0	0.27	ug/L		06/13/19 08:25	06/20/19 14:29	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 14:29	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 14:29	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 14:29	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 14:29	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/13/19 08:25	06/20/19 14:29	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/13/19 08:25	06/20/19 14:29	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 14:29	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 14:29	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/13/19 08:25	06/20/19 14:29	1
Caprolactam	ND		5.0	2.2	ug/L		06/13/19 08:25	06/20/19 14:29	1
Carbazole	ND		5.0	0.30	ug/L		06/13/19 08:25	06/20/19 14:29	1
Chrysene	ND		5.0	0.33	ug/L		06/13/19 08:25	06/20/19 14:29	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/13/19 08:25	06/20/19 14:29	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/13/19 08:25	06/20/19 14:29	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 14:29	1
Dibenzofuran	ND		10	0.51	ug/L		06/13/19 08:25	06/20/19 14:29	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/13/19 08:25	06/20/19 14:29	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/13/19 08:25	06/20/19 14:29	1
Fluoranthene	ND		5.0	0.40	ug/L		06/13/19 08:25	06/20/19 14:29	1
Fluorene	0.423	J	5.0	0.36	ug/L		06/13/19 08:25	06/20/19 14:29	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 14:29	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/13/19 08:25	06/20/19 14:29	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 14:29	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/13/19 08:25	06/20/19 14:29	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/13/19 08:25	06/20/19 14:29	1
Isophorone	ND		5.0	0.43	ug/L		06/13/19 08:25	06/20/19 14:29	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/13/19 08:25	06/20/19 14:29	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/13/19 08:25	06/20/19 14:29	1
Naphthalene	ND		5.0	0.76	ug/L		06/13/19 08:25	06/20/19 14:29	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/13/19 08:25	06/20/19 14:29	1
Pentachlorophenol	ND		10	2.2	ug/L		06/13/19 08:25	06/20/19 14:29	1
Phenanthrene	1.90	J	5.0	0.44	ug/L		06/13/19 08:25	06/20/19 14:29	1
Phenol	ND		5.0	0.39	ug/L		06/13/19 08:25	06/20/19 14:29	1
Pyrene	ND		5.0	0.34	ug/L		06/13/19 08:25	06/20/19 14:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	94		46 - 120	06/13/19 08:25	06/20/19 14:29	1
Phenol-d5 (Surr)	53		22 - 120	06/13/19 08:25	06/20/19 14:29	1
p-Terphenyl-d14 (Surr)	108		59 - 136	06/13/19 08:25	06/20/19 14:29	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-477576/1-A

Matrix: Water

Analysis Batch: 478836

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477576

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	102		41 - 120	06/13/19 08:25	06/20/19 14:29	1
2-Fluorobiphenyl	102		48 - 120	06/13/19 08:25	06/20/19 14:29	1
2-Fluorophenol (Surr)	75		35 - 120	06/13/19 08:25	06/20/19 14:29	1

Lab Sample ID: LCS 480-477576/2-A

Matrix: Water

Analysis Batch: 478836

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477576

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biphenyl	32.0	30.6		ug/L		96	59 - 120
bis (2-chloroisopropyl) ether	32.0	28.1		ug/L		88	21 - 136
2,4,5-Trichlorophenol	32.0	35.5		ug/L		111	65 - 126
2,4,6-Trichlorophenol	32.0	34.7		ug/L		108	64 - 120
2,4-Dichlorophenol	32.0	32.9		ug/L		103	63 - 120
2,4-Dimethylphenol	32.0	31.4		ug/L		98	47 - 120
2,4-Dinitrophenol	64.0	79.6		ug/L		124	31 - 137
2,4-Dinitrotoluene	32.0	33.8		ug/L		106	69 - 120
2,6-Dinitrotoluene	32.0	34.8		ug/L		109	68 - 120
2-Chloronaphthalene	32.0	29.5		ug/L		92	58 - 120
2-Chlorophenol	32.0	29.6		ug/L		92	48 - 120
2-Methylphenol	32.0	32.0		ug/L		100	39 - 120
2-Methylnaphthalene	32.0	30.5		ug/L		95	59 - 120
2-Nitroaniline	32.0	33.0		ug/L		103	54 - 127
2-Nitrophenol	32.0	31.0		ug/L		97	52 - 125
3,3'-Dichlorobenzidine	64.0	71.3		ug/L		111	49 - 135
3-Nitroaniline	32.0	25.9		ug/L		81	51 - 120
4,6-Dinitro-2-methylphenol	64.0	79.6		ug/L		124	46 - 136
4-Bromophenyl phenyl ether	32.0	32.5		ug/L		102	65 - 120
4-Chloro-3-methylphenol	32.0	31.5		ug/L		99	61 - 123
4-Chloroaniline	32.0	11.2		ug/L		35	30 - 120
4-Chlorophenyl phenyl ether	32.0	32.2		ug/L		101	62 - 120
4-Methylphenol	32.0	29.3		ug/L		91	29 - 131
4-Nitroaniline	32.0	32.6		ug/L		102	65 - 120
4-Nitrophenol	64.0	68.4		ug/L		107	45 - 120
Acenaphthene	32.0	32.0		ug/L		100	60 - 120
Acenaphthylene	32.0	32.8		ug/L		102	63 - 120
Acetophenone	32.0	32.0		ug/L		100	45 - 120
Anthracene	32.0	32.7		ug/L		102	67 - 120
Atrazine	64.0	69.6		ug/L		109	71 - 130
Benzaldehyde	64.0	55.1		ug/L		86	10 - 140
Benzo[a]anthracene	32.0	32.4		ug/L		101	70 - 121
Benzo[a]pyrene	32.0	30.8		ug/L		96	60 - 123
Benzo[b]fluoranthene	32.0	33.1		ug/L		103	66 - 126
Benzo[g,h,i]perylene	32.0	33.5		ug/L		105	66 - 150
Benzo[k]fluoranthene	32.0	33.8		ug/L		106	65 - 124
Bis(2-chloroethoxy)methane	32.0	30.5		ug/L		95	50 - 128
Bis(2-chloroethyl)ether	32.0	26.0		ug/L		81	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	36.7		ug/L		115	63 - 139

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-477576/2-A

Matrix: Water

Analysis Batch: 478836

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477576

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Butyl benzyl phthalate	32.0	34.6		ug/L		108	70 - 129
Caprolactam	64.0	24.0		ug/L		38	22 - 120
Carbazole	32.0	33.7		ug/L		105	66 - 123
Chrysene	32.0	34.5		ug/L		108	69 - 120
Dibenz(a,h)anthracene	32.0	33.7		ug/L		105	65 - 135
Di-n-butyl phthalate	32.0	35.5		ug/L		111	69 - 131
Di-n-octyl phthalate	32.0	34.7		ug/L		108	63 - 140
Dibenzofuran	32.0	31.6		ug/L		99	66 - 120
Diethyl phthalate	32.0	35.8		ug/L		112	59 - 127
Dimethyl phthalate	32.0	35.3		ug/L		110	68 - 120
Fluoranthene	32.0	33.6		ug/L		105	69 - 126
Fluorene	32.0	32.9		ug/L		103	66 - 120
Hexachlorobenzene	32.0	33.2		ug/L		104	61 - 120
Hexachlorobutadiene	32.0	27.2		ug/L		85	35 - 120
Hexachlorocyclopentadiene	32.0	25.1		ug/L		78	31 - 120
Hexachloroethane	32.0	25.0		ug/L		78	43 - 120
Indeno[1,2,3-cd]pyrene	32.0	33.9		ug/L		106	69 - 146
Isophorone	32.0	32.2		ug/L		101	55 - 120
N-Nitrosodi-n-propylamine	32.0	31.6		ug/L		99	32 - 140
N-Nitrosodiphenylamine	32.0	31.3		ug/L		98	61 - 120
Naphthalene	32.0	29.9		ug/L		93	57 - 120
Nitrobenzene	32.0	31.1		ug/L		97	53 - 123
Pentachlorophenol	64.0	74.4		ug/L		116	29 - 136
Phenanthrene	32.0	33.6		ug/L		105	68 - 120
Phenol	32.0	19.8		ug/L		62	17 - 120
Pyrene	32.0	33.9		ug/L		106	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	89		46 - 120
Phenol-d5 (Surr)	57		22 - 120
p-Terphenyl-d14 (Surr)	101		59 - 136
2,4,6-Tribromophenol (Surr)	112		41 - 120
2-Fluorobiphenyl	97		48 - 120
2-Fluorophenol (Surr)	74		35 - 120

Method: 608.3 - Organochlorine Pesticides in Water

Lab Sample ID: MB 480-477691/1-A

Matrix: Water

Analysis Batch: 477739

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477691

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/13/19 15:42	06/14/19 10:11	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/13/19 15:42	06/14/19 10:11	1
beta-BHC	ND		0.050	0.025	ug/L		06/13/19 15:42	06/14/19 10:11	1
delta-BHC	0.0151	J	0.050	0.010	ug/L		06/13/19 15:42	06/14/19 10:11	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/13/19 15:42	06/14/19 10:11	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/13/19 15:42	06/14/19 10:11	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/13/19 15:42	06/14/19 10:11	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: MB 480-477691/1-A

Matrix: Water

Analysis Batch: 477739

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477691

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 10:11	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 10:11	1
Dieldrin	ND		0.050	0.0098	ug/L		06/13/19 15:42	06/14/19 10:11	1
Endosulfan I	ND		0.050	0.011	ug/L		06/13/19 15:42	06/14/19 10:11	1
Endosulfan II	ND		0.050	0.012	ug/L		06/13/19 15:42	06/14/19 10:11	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 10:11	1
Endrin	ND		0.050	0.014	ug/L		06/13/19 15:42	06/14/19 10:11	1
Endrin aldehyde	ND		0.050	0.016	ug/L		06/13/19 15:42	06/14/19 10:11	1
Heptachlor	ND		0.050	0.0085	ug/L		06/13/19 15:42	06/14/19 10:11	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/13/19 15:42	06/14/19 10:11	1
Toxaphene	ND		0.50	0.12	ug/L		06/13/19 15:42	06/14/19 10:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		23 - 120	06/13/19 15:42	06/14/19 10:11	1
DCB Decachlorobiphenyl	50		23 - 120	06/13/19 15:42	06/14/19 10:11	1
Tetrachloro-m-xylene	87		44 - 120	06/13/19 15:42	06/14/19 10:11	1
Tetrachloro-m-xylene	82		44 - 120	06/13/19 15:42	06/14/19 10:11	1

Lab Sample ID: LCS 480-477691/2-A

Matrix: Water

Analysis Batch: 477739

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477691

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.500	0.433		ug/L		87	40 - 125
alpha-BHC	0.500	0.457		ug/L		91	52 - 125
beta-BHC	0.500	0.489		ug/L		98	52 - 120
delta-BHC	0.500	0.525		ug/L		105	51 - 120
gamma-BHC (Lindane)	0.500	0.488		ug/L		98	56 - 120
4,4'-DDD	0.500	0.545		ug/L		109	64 - 129
4,4'-DDE	0.500	0.476		ug/L		95	50 - 120
4,4'-DDT	0.500	0.505		ug/L		101	59 - 120
Dieldrin	0.500	0.510		ug/L		102	66 - 128
Endosulfan I	0.500	0.465		ug/L		93	57 - 120
Endosulfan II	0.500	0.496		ug/L		99	66 - 131
Endosulfan sulfate	0.500	0.633		ug/L		127	66 - 131
Endrin	0.500	0.485		ug/L		97	65 - 135
Endrin aldehyde	0.500	0.516		ug/L		103	61 - 134
Heptachlor	0.500	0.457		ug/L		91	58 - 120
Heptachlor epoxide	0.500	0.478		ug/L		96	65 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	52		23 - 120
DCB Decachlorobiphenyl	50		23 - 120
Tetrachloro-m-xylene	84		44 - 120
Tetrachloro-m-xylene	82		44 - 120

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: LCSD 480-477691/3-A

Matrix: Water

Analysis Batch: 477739

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 477691

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD Limit
							Limits		
Aldrin	0.500	0.470		ug/L		94	40 - 125	8	50
alpha-BHC	0.500	0.478		ug/L		96	52 - 125	4	50
beta-BHC	0.500	0.509		ug/L		102	52 - 120	4	50
delta-BHC	0.500	0.543		ug/L		109	51 - 120	3	50
gamma-BHC (Lindane)	0.500	0.506		ug/L		101	56 - 120	4	50
4,4'-DDD	0.500	0.553		ug/L		111	64 - 129	1	50
4,4'-DDE	0.500	0.503		ug/L		101	50 - 120	6	50
4,4'-DDT	0.500	0.529		ug/L		106	59 - 120	4	50
Dieldrin	0.500	0.530		ug/L		106	66 - 128	4	50
Endosulfan I	0.500	0.480		ug/L		96	57 - 120	3	50
Endosulfan II	0.500	0.509		ug/L		102	66 - 131	3	50
Endosulfan sulfate	0.500	0.647		ug/L		129	66 - 131	2	50
Endrin	0.500	0.500		ug/L		100	65 - 135	3	50
Endrin aldehyde	0.500	0.529		ug/L		106	61 - 134	2	50
Heptachlor	0.500	0.454		ug/L		91	58 - 120	1	50
Heptachlor epoxide	0.500	0.497		ug/L		99	65 - 125	4	50

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	55		23 - 120
DCB Decachlorobiphenyl	54		23 - 120
Tetrachloro-m-xylene	74		44 - 120
Tetrachloro-m-xylene	87		44 - 120

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-477692/1-A

Matrix: Water

Analysis Batch: 478016

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477692

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 14:12	1
PCB-1221	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 14:12	1
PCB-1232	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 14:12	1
PCB-1242	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 14:12	1
PCB-1248	ND		0.060	0.038	ug/L		06/13/19 15:50	06/16/19 14:12	1
PCB-1254	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 14:12	1
PCB-1260	ND		0.060	0.031	ug/L		06/13/19 15:50	06/16/19 14:12	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	49		36 - 121	06/13/19 15:50	06/16/19 14:12	1
DCB Decachlorobiphenyl	56		36 - 121	06/13/19 15:50	06/16/19 14:12	1
Tetrachloro-m-xylene	83		42 - 135	06/13/19 15:50	06/16/19 14:12	1
Tetrachloro-m-xylene	73		42 - 135	06/13/19 15:50	06/16/19 14:12	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCS 480-477692/2-A

Matrix: Water

Analysis Batch: 478016

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477692

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	0.840		ug/L		84	69 - 123
PCB-1260	1.00	0.768		ug/L		77	69 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	44		36 - 121
DCB Decachlorobiphenyl	49		36 - 121
Tetrachloro-m-xylene	77		42 - 135
Tetrachloro-m-xylene	71		42 - 135

Lab Sample ID: LCSD 480-477692/3-A

Matrix: Water

Analysis Batch: 478016

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 477692

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	1.00	0.803		ug/L		80	69 - 123	5	30
PCB-1260	1.00	0.780		ug/L		78	69 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	46		36 - 121
DCB Decachlorobiphenyl	49		36 - 121
Tetrachloro-m-xylene	72		42 - 135
Tetrachloro-m-xylene	67		42 - 135

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-477503/1-A

Matrix: Water

Analysis Batch: 478546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/13/19 07:42	06/18/19 20:00	1
Antimony	ND		0.020	0.0068	mg/L		06/13/19 07:42	06/18/19 20:00	1
Arsenic	ND		0.015	0.0056	mg/L		06/13/19 07:42	06/18/19 20:00	1
Barium	ND		0.0020	0.00070	mg/L		06/13/19 07:42	06/18/19 20:00	1
Beryllium	ND		0.0020	0.00030	mg/L		06/13/19 07:42	06/18/19 20:00	1
Cadmium	ND		0.0020	0.00050	mg/L		06/13/19 07:42	06/18/19 20:00	1
Calcium	ND		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:00	1
Chromium	ND		0.0040	0.0010	mg/L		06/13/19 07:42	06/18/19 20:00	1
Cobalt	ND		0.0040	0.00063	mg/L		06/13/19 07:42	06/18/19 20:00	1
Copper	ND		0.010	0.0016	mg/L		06/13/19 07:42	06/18/19 20:00	1
Iron	ND		0.050	0.019	mg/L		06/13/19 07:42	06/18/19 20:00	1
Lead	ND		0.010	0.0030	mg/L		06/13/19 07:42	06/18/19 20:00	1
Magnesium	ND		0.20	0.043	mg/L		06/13/19 07:42	06/18/19 20:00	1
Manganese	ND		0.0030	0.00040	mg/L		06/13/19 07:42	06/18/19 20:00	1
Nickel	ND		0.010	0.0013	mg/L		06/13/19 07:42	06/18/19 20:00	1
Potassium	ND		0.50	0.10	mg/L		06/13/19 07:42	06/18/19 20:00	1
Selenium	ND		0.025	0.0087	mg/L		06/13/19 07:42	06/18/19 20:00	1
Silver	ND		0.0060	0.0017	mg/L		06/13/19 07:42	06/18/19 20:00	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

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

Lab Sample ID: MB 480-477503/1-A

Matrix: Water

Analysis Batch: 478546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		1.0	0.32	mg/L		06/13/19 07:42	06/18/19 20:00	1
Thallium	ND		0.020	0.010	mg/L		06/13/19 07:42	06/18/19 20:00	1
Vanadium	ND		0.0050	0.0015	mg/L		06/13/19 07:42	06/18/19 20:00	1
Zinc	ND		0.010	0.0015	mg/L		06/13/19 07:42	06/18/19 20:00	1

Lab Sample ID: LCS 480-477503/2-A

Matrix: Water

Analysis Batch: 478546

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.74		mg/L		97	80 - 120
Antimony	0.200	0.225		mg/L		113	80 - 120
Arsenic	0.200	0.201		mg/L		100	80 - 120
Barium	0.200	0.205		mg/L		103	80 - 120
Beryllium	0.200	0.207		mg/L		104	80 - 120
Cadmium	0.200	0.205		mg/L		102	80 - 120
Calcium	10.0	10.12		mg/L		101	80 - 120
Chromium	0.200	0.203		mg/L		101	80 - 120
Cobalt	0.200	0.192		mg/L		96	80 - 120
Copper	0.200	0.195		mg/L		98	80 - 120
Iron	10.0	9.98		mg/L		100	80 - 120
Lead	0.200	0.195		mg/L		98	80 - 120
Magnesium	10.0	9.85		mg/L		99	80 - 120
Manganese	0.200	0.200		mg/L		100	80 - 120
Nickel	0.200	0.200		mg/L		100	80 - 120
Potassium	10.0	9.81		mg/L		98	80 - 120
Selenium	0.200	0.195		mg/L		98	80 - 120
Silver	0.0500	0.0514		mg/L		103	80 - 120
Sodium	10.0	9.59		mg/L		96	80 - 120
Thallium	0.200	0.202		mg/L		101	80 - 120
Vanadium	0.200	0.202		mg/L		101	80 - 120
Zinc	0.200	0.203		mg/L		101	80 - 120

Lab Sample ID: 480-154785-1 MS

Matrix: Water

Analysis Batch: 478546

Client Sample ID: WT-1A

Prep Type: Total/NA

Prep Batch: 477503

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	9.69		mg/L		97	75 - 125
Antimony	ND		0.200	0.227		mg/L		114	75 - 125
Arsenic	ND		0.200	0.207		mg/L		104	75 - 125
Barium	0.10		0.200	0.300		mg/L		97	75 - 125
Beryllium	ND		0.200	0.205		mg/L		103	75 - 125
Cadmium	ND		0.200	0.207		mg/L		104	75 - 125
Calcium	158		10.0	158.9	4	mg/L		4	75 - 125
Chromium	0.0072		0.200	0.206		mg/L		99	75 - 125
Cobalt	0.00078	J	0.200	0.194		mg/L		97	75 - 125
Copper	0.0037	J	0.200	0.197		mg/L		96	75 - 125
Iron	1.7		10.0	11.16		mg/L		95	75 - 125

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

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

Lab Sample ID: 480-154785-1 MS

Matrix: Water

Analysis Batch: 478546

Client Sample ID: WT-1A

Prep Type: Total/NA

Prep Batch: 477503

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.0030	J	0.200	0.199		mg/L		99	75 - 125
Magnesium	41.7		10.0	48.91	4	mg/L		72	75 - 125
Manganese	1.6		0.200	1.66	4	mg/L		50	75 - 125
Nickel	0.019		0.200	0.218		mg/L		100	75 - 125
Potassium	1.4		10.0	11.37		mg/L		100	75 - 125
Selenium	ND		0.200	0.199		mg/L		99	75 - 125
Silver	ND		0.0500	0.0520		mg/L		104	75 - 125
Sodium	93.7		10.0	98.01	4	mg/L		43	75 - 125
Thallium	ND		0.200	0.200		mg/L		100	75 - 125
Vanadium	ND		0.200	0.201		mg/L		101	75 - 125
Zinc	ND		0.200	0.196		mg/L		98	75 - 125

Lab Sample ID: 480-154785-1 MSD

Matrix: Water

Analysis Batch: 478546

Client Sample ID: WT-1A

Prep Type: Total/NA

Prep Batch: 477503

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	ND		10.0	9.66		mg/L		97	75 - 125	0	20
Antimony	ND		0.200	0.224		mg/L		112	75 - 125	1	20
Arsenic	ND		0.200	0.203		mg/L		102	75 - 125	2	20
Barium	0.10		0.200	0.296		mg/L		95	75 - 125	1	20
Beryllium	ND		0.200	0.203		mg/L		102	75 - 125	1	20
Cadmium	ND		0.200	0.204		mg/L		102	75 - 125	2	20
Calcium	158		10.0	157.1	4	mg/L		-14	75 - 125	1	20
Chromium	0.0072		0.200	0.203		mg/L		98	75 - 125	1	20
Cobalt	0.00078	J	0.200	0.191		mg/L		95	75 - 125	2	20
Copper	0.0037	J	0.200	0.193		mg/L		95	75 - 125	2	20
Iron	1.7		10.0	11.04		mg/L		94	75 - 125	1	20
Lead	0.0030	J	0.200	0.196		mg/L		98	75 - 125	1	20
Magnesium	41.7		10.0	48.17	4	mg/L		65	75 - 125	2	20
Manganese	1.6		0.200	1.64	4	mg/L		38	75 - 125	1	20
Nickel	0.019		0.200	0.213		mg/L		97	75 - 125	2	20
Potassium	1.4		10.0	11.25		mg/L		98	75 - 125	1	20
Selenium	ND		0.200	0.195		mg/L		98	75 - 125	2	20
Silver	ND		0.0500	0.0515		mg/L		103	75 - 125	1	20
Sodium	93.7		10.0	97.12	4	mg/L		34	75 - 125	1	20
Thallium	ND		0.200	0.197		mg/L		98	75 - 125	2	20
Vanadium	ND		0.200	0.198		mg/L		99	75 - 125	2	20
Zinc	ND		0.200	0.193		mg/L		96	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-477620/1-A

Matrix: Water

Analysis Batch: 477700

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477620

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/13/19 11:33	06/13/19 14:07	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

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

Lab Sample ID: LCS 480-477620/2-A

Matrix: Water

Analysis Batch: 477700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477620

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00710		mg/L		106	80 - 120

Lab Sample ID: MB 480-477622/1-A

Matrix: Water

Analysis Batch: 477700

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 477622

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/13/19 11:33	06/13/19 14:44	1

Lab Sample ID: LCS 480-477622/2-A

Matrix: Water

Analysis Batch: 477700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 477622

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00637		mg/L		95	80 - 120

Lab Sample ID: 480-154785-6 MS

Matrix: Water

Analysis Batch: 477700

Client Sample ID: RFI-19

Prep Type: Total/NA

Prep Batch: 477622

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00638		mg/L		96	80 - 120

Lab Sample ID: 480-154785-6 MSD

Matrix: Water

Analysis Batch: 477700

Client Sample ID: RFI-19

Prep Type: Total/NA

Prep Batch: 477622

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00715		mg/L		107	80 - 120	11	20

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

GC/MS VOA

Analysis Batch: 477721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-1	WT-1A	Total/NA	Water	8260C	
480-154785-3	WT-2	Total/NA	Water	8260C	
480-154785-4	WT-3	Total/NA	Water	8260C	
480-154785-5	WT-4	Total/NA	Water	8260C	
480-154785-6	RFI-19	Total/NA	Water	8260C	
480-154785-7	WP-3A	Total/NA	Water	8260C	
480-154785-8	BR-2	Total/NA	Water	8260C	
480-154785-9	RFI-23	Total/NA	Water	8260C	
480-154785-10	WP-4	Total/NA	Water	8260C	
MB 480-477721/7	Method Blank	Total/NA	Water	8260C	
LCS 480-477721/5	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 477576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-1	WT-1A	Total/NA	Water	3510C	
480-154785-2	WT-1B	Total/NA	Water	3510C	
480-154785-3	WT-2	Total/NA	Water	3510C	
480-154785-4	WT-3	Total/NA	Water	3510C	
480-154785-5	WT-4	Total/NA	Water	3510C	
480-154785-6	RFI-19	Total/NA	Water	3510C	
480-154785-7	WP-3A	Total/NA	Water	3510C	
480-154785-8	BR-2	Total/NA	Water	3510C	
480-154785-9	RFI-23	Total/NA	Water	3510C	
480-154785-10	WP-4	Total/NA	Water	3510C	
MB 480-477576/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-477576/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 478836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-1	WT-1A	Total/NA	Water	8270D	477576
480-154785-2	WT-1B	Total/NA	Water	8270D	477576
480-154785-3	WT-2	Total/NA	Water	8270D	477576
480-154785-4	WT-3	Total/NA	Water	8270D	477576
480-154785-5	WT-4	Total/NA	Water	8270D	477576
480-154785-6	RFI-19	Total/NA	Water	8270D	477576
480-154785-7	WP-3A	Total/NA	Water	8270D	477576
480-154785-8	BR-2	Total/NA	Water	8270D	477576
480-154785-9	RFI-23	Total/NA	Water	8270D	477576
480-154785-10	WP-4	Total/NA	Water	8270D	477576
MB 480-477576/1-A	Method Blank	Total/NA	Water	8270D	477576
LCS 480-477576/2-A	Lab Control Sample	Total/NA	Water	8270D	477576

GC Semi VOA

Prep Batch: 477691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-1	WT-1A	Total/NA	Water	3510C	
480-154785-2	WT-1B	Total/NA	Water	3510C	
480-154785-3	WT-2	Total/NA	Water	3510C	
480-154785-4	WT-3	Total/NA	Water	3510C	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

GC Semi VOA (Continued)

Prep Batch: 477691 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-5	WT-4	Total/NA	Water	3510C	
480-154785-6	RFI-19	Total/NA	Water	3510C	
480-154785-7	WP-3A	Total/NA	Water	3510C	
480-154785-8	BR-2	Total/NA	Water	3510C	
480-154785-9	RFI-23	Total/NA	Water	3510C	
480-154785-10	WP-4	Total/NA	Water	3510C	
MB 480-477691/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-477691/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-477691/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 477692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-1	WT-1A	Total/NA	Water	3510C	
480-154785-2	WT-1B	Total/NA	Water	3510C	
480-154785-3	WT-2	Total/NA	Water	3510C	
480-154785-4	WT-3	Total/NA	Water	3510C	
480-154785-5	WT-4	Total/NA	Water	3510C	
480-154785-6	RFI-19	Total/NA	Water	3510C	
480-154785-7	WP-3A	Total/NA	Water	3510C	
480-154785-8	BR-2	Total/NA	Water	3510C	
480-154785-9	RFI-23	Total/NA	Water	3510C	
480-154785-10	WP-4	Total/NA	Water	3510C	
MB 480-477692/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-477692/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-477692/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 477739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-1	WT-1A	Total/NA	Water	608.3	477691
480-154785-2	WT-1B	Total/NA	Water	608.3	477691
480-154785-3	WT-2	Total/NA	Water	608.3	477691
480-154785-4	WT-3	Total/NA	Water	608.3	477691
480-154785-5	WT-4	Total/NA	Water	608.3	477691
480-154785-6	RFI-19	Total/NA	Water	608.3	477691
480-154785-7	WP-3A	Total/NA	Water	608.3	477691
480-154785-8	BR-2	Total/NA	Water	608.3	477691
480-154785-9	RFI-23	Total/NA	Water	608.3	477691
480-154785-10	WP-4	Total/NA	Water	608.3	477691
MB 480-477691/1-A	Method Blank	Total/NA	Water	608.3	477691
LCS 480-477691/2-A	Lab Control Sample	Total/NA	Water	608.3	477691
LCSD 480-477691/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	477691

Analysis Batch: 478016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-1	WT-1A	Total/NA	Water	608.3	477692
480-154785-2	WT-1B	Total/NA	Water	608.3	477692
480-154785-3	WT-2	Total/NA	Water	608.3	477692
480-154785-4	WT-3	Total/NA	Water	608.3	477692
480-154785-5	WT-4	Total/NA	Water	608.3	477692
480-154785-6	RFI-19	Total/NA	Water	608.3	477692
480-154785-7	WP-3A	Total/NA	Water	608.3	477692

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

GC Semi VOA (Continued)

Analysis Batch: 478016 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-8	BR-2	Total/NA	Water	608.3	477692
480-154785-9	RFI-23	Total/NA	Water	608.3	477692
480-154785-10	WP-4	Total/NA	Water	608.3	477692
MB 480-477692/1-A	Method Blank	Total/NA	Water	608.3	477692
LCS 480-477692/2-A	Lab Control Sample	Total/NA	Water	608.3	477692
LCSD 480-477692/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	477692

Metals

Prep Batch: 477503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-1	WT-1A	Total/NA	Water	3005A	
480-154785-2	WT-1B	Total/NA	Water	3005A	
480-154785-3	WT-2	Total/NA	Water	3005A	
480-154785-4	WT-3	Total/NA	Water	3005A	
480-154785-5	WT-4	Total/NA	Water	3005A	
480-154785-6	RFI-19	Total/NA	Water	3005A	
480-154785-7	WP-3A	Total/NA	Water	3005A	
480-154785-8	BR-2	Total/NA	Water	3005A	
480-154785-9	RFI-23	Total/NA	Water	3005A	
480-154785-10	WP-4	Total/NA	Water	3005A	
MB 480-477503/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-477503/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-154785-1 MS	WT-1A	Total/NA	Water	3005A	
480-154785-1 MSD	WT-1A	Total/NA	Water	3005A	

Prep Batch: 477620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-1	WT-1A	Total/NA	Water	7470A	
480-154785-2	WT-1B	Total/NA	Water	7470A	
480-154785-3	WT-2	Total/NA	Water	7470A	
480-154785-4	WT-3	Total/NA	Water	7470A	
480-154785-5	WT-4	Total/NA	Water	7470A	
MB 480-477620/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-477620/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 477622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-6	RFI-19	Total/NA	Water	7470A	
480-154785-7	WP-3A	Total/NA	Water	7470A	
480-154785-8	BR-2	Total/NA	Water	7470A	
480-154785-9	RFI-23	Total/NA	Water	7470A	
480-154785-10	WP-4	Total/NA	Water	7470A	
MB 480-477622/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-477622/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-154785-6 MS	RFI-19	Total/NA	Water	7470A	
480-154785-6 MSD	RFI-19	Total/NA	Water	7470A	

Analysis Batch: 477700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-1	WT-1A	Total/NA	Water	7470A	477620

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Metals (Continued)

Analysis Batch: 477700 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-2	WT-1B	Total/NA	Water	7470A	477620
480-154785-3	WT-2	Total/NA	Water	7470A	477620
480-154785-4	WT-3	Total/NA	Water	7470A	477620
480-154785-5	WT-4	Total/NA	Water	7470A	477620
480-154785-6	RFI-19	Total/NA	Water	7470A	477622
480-154785-7	WP-3A	Total/NA	Water	7470A	477622
480-154785-8	BR-2	Total/NA	Water	7470A	477622
480-154785-9	RFI-23	Total/NA	Water	7470A	477622
480-154785-10	WP-4	Total/NA	Water	7470A	477622
MB 480-477620/1-A	Method Blank	Total/NA	Water	7470A	477620
MB 480-477622/1-A	Method Blank	Total/NA	Water	7470A	477622
LCS 480-477620/2-A	Lab Control Sample	Total/NA	Water	7470A	477620
LCS 480-477622/2-A	Lab Control Sample	Total/NA	Water	7470A	477622
480-154785-6 MS	RFI-19	Total/NA	Water	7470A	477622
480-154785-6 MSD	RFI-19	Total/NA	Water	7470A	477622

Analysis Batch: 478546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-1	WT-1A	Total/NA	Water	6010C	477503
480-154785-2	WT-1B	Total/NA	Water	6010C	477503
480-154785-3	WT-2	Total/NA	Water	6010C	477503
480-154785-4	WT-3	Total/NA	Water	6010C	477503
480-154785-5	WT-4	Total/NA	Water	6010C	477503
480-154785-6	RFI-19	Total/NA	Water	6010C	477503
480-154785-7	WP-3A	Total/NA	Water	6010C	477503
480-154785-8	BR-2	Total/NA	Water	6010C	477503
480-154785-9	RFI-23	Total/NA	Water	6010C	477503
480-154785-10	WP-4	Total/NA	Water	6010C	477503
MB 480-477503/1-A	Method Blank	Total/NA	Water	6010C	477503
LCS 480-477503/2-A	Lab Control Sample	Total/NA	Water	6010C	477503
480-154785-1 MS	WT-1A	Total/NA	Water	6010C	477503
480-154785-1 MSD	WT-1A	Total/NA	Water	6010C	477503

Analysis Batch: 478761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-154785-8	BR-2	Total/NA	Water	6010C	477503
480-154785-9	RFI-23	Total/NA	Water	6010C	477503
480-154785-10	WP-4	Total/NA	Water	6010C	477503

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-1A

Lab Sample ID: 480-154785-1

Date Collected: 06/11/19 12:30

Matrix: Water

Date Received: 06/11/19 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477721	06/14/19 02:22	S1V	TAL BUF
Total/NA	Prep	3510C			477576	06/13/19 08:25	JMP	TAL BUF
Total/NA	Analysis	8270D		1	478836	06/20/19 19:39	RJS	TAL BUF
Total/NA	Prep	3510C			477691	06/13/19 15:42	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477739	06/14/19 11:10	JLS	TAL BUF
Total/NA	Prep	3510C			477692	06/13/19 15:50	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478016	06/16/19 15:01	W1T	TAL BUF
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478546	06/18/19 20:07	AMH	TAL BUF
Total/NA	Prep	7470A			477620	06/13/19 11:33	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477700	06/13/19 14:38	BMB	TAL BUF

Client Sample ID: WT-1B

Lab Sample ID: 480-154785-2

Date Collected: 06/11/19 13:45

Matrix: Water

Date Received: 06/11/19 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			477576	06/13/19 08:25	JMP	TAL BUF
Total/NA	Analysis	8270D		1	478836	06/20/19 20:07	RJS	TAL BUF
Total/NA	Prep	3510C			477691	06/13/19 15:42	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477739	06/14/19 11:29	JLS	TAL BUF
Total/NA	Prep	3510C			477692	06/13/19 15:50	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478016	06/16/19 15:14	W1T	TAL BUF
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478546	06/18/19 20:36	AMH	TAL BUF
Total/NA	Prep	7470A			477620	06/13/19 11:33	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477700	06/13/19 14:39	BMB	TAL BUF

Client Sample ID: WT-2

Lab Sample ID: 480-154785-3

Date Collected: 06/11/19 09:30

Matrix: Water

Date Received: 06/11/19 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477721	06/14/19 02:46	S1V	TAL BUF
Total/NA	Prep	3510C			477576	06/13/19 08:25	JMP	TAL BUF
Total/NA	Analysis	8270D		1	478836	06/20/19 20:35	RJS	TAL BUF
Total/NA	Prep	3510C			477691	06/13/19 15:42	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477739	06/14/19 11:49	JLS	TAL BUF
Total/NA	Prep	3510C			477692	06/13/19 15:50	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478016	06/16/19 15:26	W1T	TAL BUF
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478546	06/18/19 20:40	AMH	TAL BUF
Total/NA	Prep	7470A			477620	06/13/19 11:33	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477700	06/13/19 14:40	BMB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WT-3

Lab Sample ID: 480-154785-4

Date Collected: 06/11/19 10:25

Matrix: Water

Date Received: 06/11/19 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477721	06/14/19 03:10	S1V	TAL BUF
Total/NA	Prep	3510C			477576	06/13/19 08:25	JMP	TAL BUF
Total/NA	Analysis	8270D		1	478836	06/20/19 21:03	RJS	TAL BUF
Total/NA	Prep	3510C			477691	06/13/19 15:42	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477739	06/14/19 12:09	JLS	TAL BUF
Total/NA	Prep	3510C			477692	06/13/19 15:50	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478016	06/16/19 15:39	W1T	TAL BUF
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478546	06/18/19 20:43	AMH	TAL BUF
Total/NA	Prep	7470A			477620	06/13/19 11:33	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477700	06/13/19 14:42	BMB	TAL BUF

Client Sample ID: WT-4

Lab Sample ID: 480-154785-5

Date Collected: 06/11/19 08:35

Matrix: Water

Date Received: 06/11/19 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477721	06/14/19 03:34	S1V	TAL BUF
Total/NA	Prep	3510C			477576	06/13/19 08:25	JMP	TAL BUF
Total/NA	Analysis	8270D		1	478836	06/20/19 21:31	RJS	TAL BUF
Total/NA	Prep	3510C			477691	06/13/19 15:42	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477739	06/14/19 13:06	JLS	TAL BUF
Total/NA	Prep	3510C			477692	06/13/19 15:50	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478016	06/16/19 15:51	W1T	TAL BUF
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478546	06/18/19 20:47	AMH	TAL BUF
Total/NA	Prep	7470A			477620	06/13/19 11:33	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477700	06/13/19 14:43	BMB	TAL BUF

Client Sample ID: RFI-19

Lab Sample ID: 480-154785-6

Date Collected: 06/11/19 09:05

Matrix: Water

Date Received: 06/11/19 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477721	06/14/19 03:58	S1V	TAL BUF
Total/NA	Prep	3510C			477576	06/13/19 08:25	JMP	TAL BUF
Total/NA	Analysis	8270D		1	478836	06/20/19 21:59	RJS	TAL BUF
Total/NA	Prep	3510C			477691	06/13/19 15:42	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477739	06/14/19 13:26	JLS	TAL BUF
Total/NA	Prep	3510C			477692	06/13/19 15:50	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478016	06/16/19 16:03	W1T	TAL BUF
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478546	06/18/19 20:51	AMH	TAL BUF
Total/NA	Prep	7470A			477622	06/13/19 11:33	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477700	06/13/19 14:47	BMB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: WP-3A

Lab Sample ID: 480-154785-7

Date Collected: 06/11/19 12:25

Matrix: Water

Date Received: 06/11/19 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477721	06/14/19 04:22	S1V	TAL BUF
Total/NA	Prep	3510C			477576	06/13/19 08:25	JMP	TAL BUF
Total/NA	Analysis	8270D		1	478836	06/20/19 22:27	RJS	TAL BUF
Total/NA	Prep	3510C			477691	06/13/19 15:42	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477739	06/14/19 13:45	JLS	TAL BUF
Total/NA	Prep	3510C			477692	06/13/19 15:50	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478016	06/16/19 16:16	W1T	TAL BUF
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478546	06/18/19 20:54	AMH	TAL BUF
Total/NA	Prep	7470A			477622	06/13/19 11:33	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477700	06/13/19 14:55	BMB	TAL BUF

Client Sample ID: BR-2

Lab Sample ID: 480-154785-8

Date Collected: 06/11/19 14:25

Matrix: Water

Date Received: 06/11/19 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477721	06/14/19 04:46	S1V	TAL BUF
Total/NA	Prep	3510C			477576	06/13/19 08:25	JMP	TAL BUF
Total/NA	Analysis	8270D		1	478836	06/20/19 22:55	RJS	TAL BUF
Total/NA	Prep	3510C			477691	06/13/19 15:42	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477739	06/14/19 14:05	JLS	TAL BUF
Total/NA	Prep	3510C			477692	06/13/19 15:50	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478016	06/16/19 16:28	W1T	TAL BUF
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478761	06/19/19 11:01	AMH	TAL BUF
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478546	06/18/19 21:09	AMH	TAL BUF
Total/NA	Prep	7470A			477622	06/13/19 11:33	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477700	06/13/19 14:56	BMB	TAL BUF

Client Sample ID: RFI-23

Lab Sample ID: 480-154785-9

Date Collected: 06/11/19 11:20

Matrix: Water

Date Received: 06/11/19 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	477721	06/14/19 05:10	S1V	TAL BUF
Total/NA	Prep	3510C			477576	06/13/19 08:25	JMP	TAL BUF
Total/NA	Analysis	8270D		1	478836	06/20/19 23:23	RJS	TAL BUF
Total/NA	Prep	3510C			477691	06/13/19 15:42	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477739	06/14/19 14:24	JLS	TAL BUF
Total/NA	Prep	3510C			477692	06/13/19 15:50	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478016	06/16/19 16:41	W1T	TAL BUF
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478761	06/19/19 11:05	AMH	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Client Sample ID: RFI-23

Lab Sample ID: 480-154785-9

Date Collected: 06/11/19 11:20

Matrix: Water

Date Received: 06/11/19 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478546	06/18/19 21:13	AMH	TAL BUF
Total/NA	Prep	7470A			477622	06/13/19 11:33	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477700	06/13/19 14:57	BMB	TAL BUF

Client Sample ID: WP-4

Lab Sample ID: 480-154785-10

Date Collected: 06/11/19 13:30

Matrix: Water

Date Received: 06/11/19 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	477721	06/14/19 05:33	S1V	TAL BUF
Total/NA	Prep	3510C			477576	06/13/19 08:25	JMP	TAL BUF
Total/NA	Analysis	8270D		1	478836	06/20/19 23:51	RJS	TAL BUF
Total/NA	Prep	3510C			477691	06/13/19 15:42	ATG	TAL BUF
Total/NA	Analysis	608.3		1	477739	06/14/19 14:44	JLS	TAL BUF
Total/NA	Prep	3510C			477692	06/13/19 15:50	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478016	06/16/19 16:53	W1T	TAL BUF
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478761	06/19/19 11:09	AMH	TAL BUF
Total/NA	Prep	3005A			477503	06/13/19 07:42	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478546	06/18/19 21:17	AMH	TAL BUF
Total/NA	Prep	7470A			477622	06/13/19 11:33	BMB	TAL BUF
Total/NA	Analysis	7470A		1	477700	06/13/19 14:59	BMB	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

Method Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
608.3	Organochlorine Pesticides in Water	40CFR136A	TAL BUF
608.3	Polychlorinated Biphenyls (PCBs) (GC)	40CFR136A	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-154785-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-154785-1	WT-1A	Water	06/11/19 12:30	06/11/19 16:20	
480-154785-2	WT-1B	Water	06/11/19 13:45	06/11/19 16:20	
480-154785-3	WT-2	Water	06/11/19 09:30	06/11/19 16:20	
480-154785-4	WT-3	Water	06/11/19 10:25	06/11/19 16:20	
480-154785-5	WT-4	Water	06/11/19 08:35	06/11/19 16:20	
480-154785-6	RFI-19	Water	06/11/19 09:05	06/11/19 16:20	
480-154785-7	WP-3A	Water	06/11/19 12:25	06/11/19 16:20	
480-154785-8	BR-2	Water	06/11/19 14:25	06/11/19 16:20	
480-154785-9	RFI-23	Water	06/11/19 11:20	06/11/19 16:20	
480-154785-10	WP-4	Water	06/11/19 13:30	06/11/19 16:20	



Turnaround Time (Business Days)	Approved By (Lab PM) / Date	Laboratory Information		☐ Commercial 'A' (Level 1) = Results Only ☐ Commercial 'B' (Level 2) = Results + QC Summary ☐ FULLT1 (Level 3 & 4) ☐ NI Reduced = Results + QC Summary + Partial Raw Data ☐ Commercial 'C'
☒ Standard 14 Days	_____ / _____	Lab:	TestAmerica Laboratories, Inc. - Buffalo	
☐ 1 day RUSH	_____ / _____	Address:	10 Hazelwood Dr, Amherst, NY 14228	
☐ Other _____	_____ / _____	Phone:	716-691-2600	
		Lab PM:	Oriette Johnson	
		Lab Email:	oriette.johnson@test-america.com	

- ☐ NYASP Category A
- ☒ NYASP Category B
- ☐ State Forms
- ☒ EOEDD for GELEQUIS
- ☒ NYDEC EDD for NYSEDEC EQUIS

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-154785-1

Login Number: 154785

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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	
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 sample IDs on the containers and the COC.	False	Refer to job narrative for details
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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

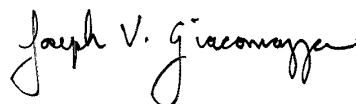
Laboratory Job ID: 480-155113-1

Client Project/Site: Altech Specialty Steel #907022

For:

New York State D.E.C.
270 Michigan Avenue
Buffalo, New York 14203

Attn: Mr. Maurice Moore



Authorized for release by:
7/30/2019 3:40:04 PM

Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Orlette Johnson, Senior Project Manager
(484)685-0864
orlette.johnson@testamericainc.com

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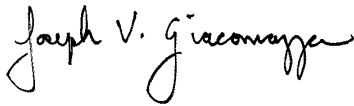
The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail 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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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
7/30/2019 3:40:04 PM

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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
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.
X	Surrogate is outside control limits

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Case Narrative

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Job ID: 480-155113-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-155113-1

Comments

No additional comments.

Receipt

The samples were received on 6/14/2019 3:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 11 coolers at receipt time were 2.2° C, 2.2° C, 2.4° C, 2.6° C, 2.8° C, 3.0° C, 3.6° C, 4.0° C, 4.1° C, 4.2° C and 4.4° C.

Receipt Exceptions

Per client, the client ID for sample 480-155113-20 was recorded as WP-4, however, it should have been recorded as WP-5.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-478711 recovered above the upper control limit for 1,1,1-Trichloroethane and Carbon tetrachloride. The samples associated with this CCV were non-detect for the affected analytes; therefore, the data have been reported. The following samples are impacted: B-1 (480-155113-1), BFS-1 (480-155113-2), BFS-2 (480-155113-3), BR-4 (480-155113-4), RFI-01 (480-155113-5), RFI-02 (480-155113-6), WT-1B (480-155113-7), RFI-04 (480-155113-8), RFI-06 (480-155113-9), RFI-9 (480-155113-10), RFI-10 (480-155113-11), RFI-12 (480-155113-12), RFI-16 (480-155113-13), RFI-17 (480-155113-14), RFI-22 (480-155113-15), RFI-24 (480-155113-16), RFI-25 (480-155113-17) and RFI-28 (480-155113-18).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-478711 recovered outside acceptance criteria, low biased, for 2-Butanone (MEK). A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: B-1 (480-155113-1), BFS-1 (480-155113-2), BFS-2 (480-155113-3), BR-4 (480-155113-4), RFI-01 (480-155113-5), RFI-02 (480-155113-6), WT-1B (480-155113-7), RFI-04 (480-155113-8), RFI-06 (480-155113-9), RFI-9 (480-155113-10), RFI-10 (480-155113-11), RFI-12 (480-155113-12), RFI-16 (480-155113-13), RFI-17 (480-155113-14), RFI-22 (480-155113-15), RFI-24 (480-155113-16), RFI-25 (480-155113-17) and RFI-28 (480-155113-18).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-478711 recovered outside control limits for the following analyte: Bromodichloromethane This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: B-1 (480-155113-1), BFS-1 (480-155113-2), BFS-2 (480-155113-3), BR-4 (480-155113-4), RFI-01 (480-155113-5), RFI-02 (480-155113-6), WT-1B (480-155113-7), RFI-04 (480-155113-8), RFI-06 (480-155113-9), RFI-9 (480-155113-10), RFI-10 (480-155113-11), RFI-12 (480-155113-12), RFI-16 (480-155113-13), RFI-17 (480-155113-14), RFI-22 (480-155113-15), RFI-24 (480-155113-16), RFI-25 (480-155113-17) and RFI-28 (480-155113-18).

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: RFI-25 (480-155113-17), (480-155113-I-17 MS) and (480-155113-I-17 MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: Surrogate recovery for the following sample was outside the upper control limit: RFI-12 (480-155113-12). This sample did not contain any target analytes; therefore, re-analysis was not performed.

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

GC/MS Semi VOA

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-479705 recovered above the upper control limit for 4-Nitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: BFS-1 (480-155113-2), BFS-2 (480-155113-3), BR-4 (480-155113-4), RFI-01 (480-155113-5), RFI-02 (480-155113-6), RFI-04 (480-155113-8), RFI-06 (480-155113-9), RFI-9 (480-155113-10), RFI-10 (480-155113-11), RFI-12 (480-155113-12), RFI-16 (480-155113-13), RFI-17 (480-155113-14) and RFI-22 (480-155113-15).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-479705 recovered outside acceptance criteria, low biased, for 3-Nitroaniline and Carbazole. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: BFS-1 (480-155113-2), BFS-2 (480-155113-3), BR-4 (480-155113-4), RFI-01 (480-155113-5), RFI-02 (480-155113-6), RFI-04 (480-155113-8),

Case Narrative

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Job ID: 480-155113-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

RFI-06 (480-155113-9), RFI-9 (480-155113-10), RFI-10 (480-155113-11), RFI-12 (480-155113-12), RFI-16 (480-155113-13), RFI-17 (480-155113-14) and RFI-22 (480-155113-15).

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-478641 and analytical batch 480-479705 recovered outside control limits for the following analytes: 4-Nitrophenol and 2,4,6-Trichlorophenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: BFS-1 (480-155113-2), BFS-2 (480-155113-3), BR-4 (480-155113-4), RFI-01 (480-155113-5), RFI-02 (480-155113-6), RFI-04 (480-155113-8), RFI-06 (480-155113-9), RFI-9 (480-155113-10), RFI-10 (480-155113-11), RFI-12 (480-155113-12), RFI-16 (480-155113-13), RFI-17 (480-155113-14) and RFI-22 (480-155113-15).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-479803 recovered above the upper control limit for 4-Nitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: RFI-24 (480-155113-16), RFI-25 (480-155113-17), RFI-28 (480-155113-18), RFI-30 (480-155113-19), WP-5 (480-155113-20), WP-7 (480-155113-21) and WP-8 (480-155113-22).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 480-479803 recovered outside acceptance criteria, low biased, for Carbazole. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: RFI-24 (480-155113-16), RFI-25 (480-155113-17), RFI-28 (480-155113-18), RFI-30 (480-155113-19), WP-5 (480-155113-20), WP-7 (480-155113-21) and WP-8 (480-155113-22).

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-478641 and analytical batch 480-479803 recovered outside control limits for the following analytes: 2,4,6-Trichlorophenol and 4-Nitrophenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: RFI-24 (480-155113-16), RFI-25 (480-155113-17), RFI-28 (480-155113-18), RFI-30 (480-155113-19), WP-5 (480-155113-20), WP-7 (480-155113-21) and WP-8 (480-155113-22).

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: RFI-28 (480-155113-18). These results have been reported and qualified.

Method(s) 8270D: The initial calibration curve analyzed in analytical batch 480003 and associated with analytical batch 480216 was outside method criteria for the analyte Benzaldehyde. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for this analyte is considered an estimated concentration. The following sample is impacted: B-1 (480-155113-1).

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

GC Semi VOA

Method(s) 608.3: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 480-478888 and analytical batch 480-478947 recovered outside control limits for the following analytes: Endosulfan sulfate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following sample is impacted: RFI-30 (480-155113-19).

Method(s) 608.3: The following sample was diluted due to the nature of the sample matrix: RFI-24 (480-155113-16). Elevated reporting limits (RLs) are provided.

Method(s) 608.3: All primary data for analytical batches 479297 and 479496 is reported from the ZB-5 column.

Method(s) 608.3: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method(s) 608.3: All primary data for analytical batches 478752, 478756 and 478947 is reported from the RTX-CLPI column.

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

Case Narrative

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Job ID: 480-155113-1 (Continued)

Laboratory: Eurofins TestAmerica, Buffalo (Continued)

Metals

Method(s) 6010C: The recoveries of post spike, (480-155113-G-1-A PDS), associated with batch 480-478987, exhibited results outside quality control limits for Total Calcium and Magnesium. However, the serial dilution (SD) of this sample was compliant, therefore no corrective action was necessary.

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

LCMS

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

Organic Prep

Method(s) 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: RFI-12 (480-155113-12). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: BFS-2 (480-155113-3). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: RFI-30 (480-155113-19). The reporting limits (RLs) have been adjusted proportionately.

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

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: B-1

Lab Sample ID: 480-155113-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.32	J	5.0	0.31	ug/L	1		8270D	Total/NA
Phenanthrene	0.85	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Phenol	0.61	J B	5.0	0.39	ug/L	1		8270D	Total/NA
Barium	0.20		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	96.4		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.97		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	43.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.075		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	34.6		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: BFS-1

Lab Sample ID: 480-155113-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.33	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.53	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.4	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.24		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.13		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00064	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	89.3		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.057		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0010	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0061	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.86		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	30.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.9		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.025		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	63.3		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.026		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.012		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BFS-2

Lab Sample ID: 480-155113-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	2.9	J B	25	1.8	ug/L	1		8270D	Total/NA
Phenanthrene	12	J B	25	2.2	ug/L	1		8270D	Total/NA
Aluminum	1.7		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.073		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00059	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	98.2		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.047		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0019	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.012		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	1.9		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0045	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	23.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.13		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.044		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	71.0		1.0	0.32	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BFS-2 (Continued)

Lab Sample ID: 480-155113-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	0.0075		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.062		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: BR-4

Lab Sample ID: 480-155113-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.40	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.50	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.3	J B	5.0	0.44	ug/L	1		8270D	Total/NA
4,4'-DDT	0.015	J	0.050	0.011	ug/L	1		608.3	Total/NA
Barium	1.3		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	112		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.12		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	44.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.063		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	2.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	38.8		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-01

Lab Sample ID: 480-155113-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.53	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.1	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	5.4		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.15		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	89.4		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0070		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0019	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.010		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	5.9		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.011		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	24.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.16		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0068	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	10.4		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0097		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.017		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-02

Lab Sample ID: 480-155113-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.51	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.2	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.016		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00057	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	140		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0064		0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	0.16		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	46.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.16		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0015	J	0.010	0.0013	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-02 (Continued)

Lab Sample ID: 480-155113-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Potassium	2.1		0.50	0.10	mg/L	1			6010C	Total/NA
Sodium	9.0		1.0	0.32	mg/L	1			6010C	Total/NA

Client Sample ID: WT-1B

Lab Sample ID: 480-155113-7

No Detections.

Client Sample ID: RFI-04

Lab Sample ID: 480-155113-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Fluorene	0.51	J B	5.0	0.36	ug/L	1			8270D	Total/NA
Phenanthrene	2.1	J B	5.0	0.44	ug/L	1			8270D	Total/NA
Barium	0.030		0.0020	0.00070	mg/L	1			6010C	Total/NA
Calcium	110		0.50	0.10	mg/L	1			6010C	Total/NA
Iron	0.67		0.050	0.019	mg/L	1			6010C	Total/NA
Magnesium	49.9		0.20	0.043	mg/L	1			6010C	Total/NA
Manganese	0.089		0.0030	0.00040	mg/L	1			6010C	Total/NA
Potassium	1.4		0.50	0.10	mg/L	1			6010C	Total/NA
Sodium	11.9		1.0	0.32	mg/L	1			6010C	Total/NA

Client Sample ID: RFI-06

Lab Sample ID: 480-155113-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Fluorene	0.46	J B	5.0	0.36	ug/L	1			8270D	Total/NA
Phenanthrene	2.0	J B	5.0	0.44	ug/L	1			8270D	Total/NA
Barium	0.030		0.0020	0.00070	mg/L	1			6010C	Total/NA
Calcium	152		0.50	0.10	mg/L	1			6010C	Total/NA
Chromium	0.0021	J	0.0040	0.0010	mg/L	1			6010C	Total/NA
Iron	0.13		0.050	0.019	mg/L	1			6010C	Total/NA
Magnesium	47.7		0.20	0.043	mg/L	1			6010C	Total/NA
Manganese	0.16		0.0030	0.00040	mg/L	1			6010C	Total/NA
Potassium	4.5		0.50	0.10	mg/L	1			6010C	Total/NA
Sodium	97.7		1.0	0.32	mg/L	1			6010C	Total/NA

Client Sample ID: RFI-9

Lab Sample ID: 480-155113-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Fluorene	0.46	J B	5.0	0.36	ug/L	1			8270D	Total/NA
Phenanthrene	2.1	J B	5.0	0.44	ug/L	1			8270D	Total/NA
Aluminum	1.1		0.20	0.060	mg/L	1			6010C	Total/NA
Barium	0.091		0.0020	0.00070	mg/L	1			6010C	Total/NA
Cadmium	0.00058	J	0.0020	0.00050	mg/L	1			6010C	Total/NA
Calcium	125		0.50	0.10	mg/L	1			6010C	Total/NA
Chromium	0.0038	J	0.0040	0.0010	mg/L	1			6010C	Total/NA
Cobalt	0.0013	J	0.0040	0.00063	mg/L	1			6010C	Total/NA
Iron	1.6		0.050	0.019	mg/L	1			6010C	Total/NA
Magnesium	32.9		0.20	0.043	mg/L	1			6010C	Total/NA
Manganese	0.93		0.0030	0.00040	mg/L	1			6010C	Total/NA
Nickel	0.0073	J	0.010	0.0013	mg/L	1			6010C	Total/NA
Potassium	1.8		0.50	0.10	mg/L	1			6010C	Total/NA
Sodium	22.5		1.0	0.32	mg/L	1			6010C	Total/NA
Vanadium	0.0023	J	0.0050	0.0015	mg/L	1			6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-10

Lab Sample ID: 480-155113-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.34	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.55	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.6	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.50		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.099		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	168		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0010	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.00081	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	0.83		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	48.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.49		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0016	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	4.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	192		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-12

Lab Sample ID: 480-155113-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.48	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.3	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.088		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	89.1		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.10		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	34.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.066		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0027	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	24.0		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-16

Lab Sample ID: 480-155113-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	31		1.0	0.81	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.0		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	13		1.0	0.46	ug/L	1		8260C	Total/NA
Fluorene	0.51	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.1	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.078		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	147		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0011	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	3.9		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	37.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.38		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0013	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	118		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-17

Lab Sample ID: 480-155113-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.50	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.2	J B	5.0	0.44	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-17 (Continued)

Lab Sample ID: 480-155113-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.23		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.048		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00054	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	110		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0018	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	4.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	29.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.49		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0042	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	78.5		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-22

Lab Sample ID: 480-155113-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.43	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.1	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	16.6		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.013	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.50		0.0020	0.00070	mg/L	1		6010C	Total/NA
Beryllium	0.0018	J	0.0020	0.00030	mg/L	1		6010C	Total/NA
Cadmium	0.025		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	123		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.094		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.044		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.059		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	24.9		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.060		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	33.5		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.1		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.21		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	10.8		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.058		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	3.7		0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.00017	J	0.00020	0.00012	mg/L	1		7470A	Total/NA

Client Sample ID: RFI-24

Lab Sample ID: 480-155113-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4-Dinitrotoluene	0.45	J	5.0	0.45	ug/L	1		8270D	Total/NA
Fluorene	0.42	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.0	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	0.18	J	0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.18		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00052	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	130		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	1.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	26.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.10		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0091	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.9		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-24 (Continued)

Lab Sample ID: 480-155113-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	12.6		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-25

Lab Sample ID: 480-155113-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	0.55	J	5.0	0.31	ug/L	1		8270D	Total/NA
Fluorene	0.44	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.0	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.063		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00061	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	167		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	0.38		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	70.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.20		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0063	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	2.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	20.1		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0022	J	0.0050	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-28

Lab Sample ID: 480-155113-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.44	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.0	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	1.3		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	63.0		0.50	0.10	mg/L	1		6010C	Total/NA
Iron	2.8		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	24.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.31		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	2.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	42.2		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-30

Lab Sample ID: 480-155113-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.49	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.2	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.28		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00068	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	109		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0021	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Iron	6.1		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	33.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.74		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	2.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	97.5		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: WP-5

Lab Sample ID: 480-155113-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.45	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	1.8	J B	5.0	0.44	ug/L	1		8270D	Total/NA
delta-BHC	0.011	J	0.050	0.010	ug/L	1		608.3	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-5 (Continued)

Lab Sample ID: 480-155113-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.038	J	0.060	0.031	ug/L	1		608.3	Total/NA
Aluminum	2.9		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0065	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.15		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00069	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	187		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.012		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0061		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0048	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	13.7		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0058	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	50.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.1		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.011		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	3.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	105		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0064		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0074	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: WP-7

Lab Sample ID: 480-155113-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.50	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.3	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	165		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0015	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Iron	1.5		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	41.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.58		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0024	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	0.73		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	45.6		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: WP-8

Lab Sample ID: 480-155113-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.51	J B	5.0	0.36	ug/L	1		8270D	Total/NA
Phenanthrene	2.2	J B	5.0	0.44	ug/L	1		8270D	Total/NA
Aluminum	1.3		0.20	0.060	mg/L	1		6010C	Total/NA
Barium	0.10		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00059	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	154		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	4.7		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.020		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.058		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	22.7		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0050	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	41.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.1		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.54		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	1.2		0.50	0.10	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-8 (Continued)

Lab Sample ID: 480-155113-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	13.2		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.026		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.0095	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: RFI-25

Lab Sample ID: 480-155113-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	6.0	J	8.8	4.4	ng/L	5		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	5.0	J	8.8	2.8	ng/L	5		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	4.0	J	8.8	3.4	ng/L	5		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	6.0	J	8.8	2.8	ng/L	5		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	16		8.8	3.5	ng/L	5		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	88		8.8	2.7	ng/L	5		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: B-1

Lab Sample ID: 480-155113-1

Date Collected: 06/14/19 10:20

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 10:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 10:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 10:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 10:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 10:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 10:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 10:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 10:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 10:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 10:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 10:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 10:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 10:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 10:08	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 10:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 10:08	1
Acetone	ND		10	3.0	ug/L			06/20/19 10:08	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 10:08	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 10:08	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 10:08	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 10:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 10:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 10:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 10:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 10:08	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 10:08	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 10:08	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 10:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 10:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 10:08	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 10:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 10:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 10:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 10:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 10:08	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 10:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 10:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 10:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 10:08	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 10:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 10:08	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 10:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 10:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 10:08	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 10:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 10:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 10:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 10:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: B-1

Lab Sample ID: 480-155113-1

Date Collected: 06/14/19 10:20

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 10:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		80 - 120					06/20/19 10:08	1
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					06/20/19 10:08	1
4-Bromofluorobenzene (Surr)	105		73 - 120					06/20/19 10:08	1
Dibromofluoromethane (Surr)	100		75 - 123					06/20/19 10:08	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/20/19 15:16	06/29/19 03:12	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/20/19 15:16	06/29/19 03:12	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/20/19 15:16	06/29/19 03:12	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/20/19 15:16	06/29/19 03:12	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/20/19 15:16	06/29/19 03:12	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/20/19 15:16	06/29/19 03:12	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/20/19 15:16	06/29/19 03:12	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/20/19 15:16	06/29/19 03:12	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/20/19 15:16	06/29/19 03:12	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/20/19 15:16	06/29/19 03:12	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/20/19 15:16	06/29/19 03:12	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/20/19 15:16	06/29/19 03:12	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/20/19 15:16	06/29/19 03:12	1
2-Nitroaniline	ND		10	0.42	ug/L		06/20/19 15:16	06/29/19 03:12	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/20/19 15:16	06/29/19 03:12	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/20/19 15:16	06/29/19 03:12	1
3-Nitroaniline	ND		10	0.48	ug/L		06/20/19 15:16	06/29/19 03:12	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/20/19 15:16	06/29/19 03:12	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/20/19 15:16	06/29/19 03:12	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/20/19 15:16	06/29/19 03:12	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/20/19 15:16	06/29/19 03:12	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/20/19 15:16	06/29/19 03:12	1
4-Methylphenol	ND		10	0.36	ug/L		06/20/19 15:16	06/29/19 03:12	1
4-Nitroaniline	ND		10	0.25	ug/L		06/20/19 15:16	06/29/19 03:12	1
4-Nitrophenol	ND		10	1.5	ug/L		06/20/19 15:16	06/29/19 03:12	1
Acenaphthene	ND		5.0	0.41	ug/L		06/20/19 15:16	06/29/19 03:12	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/20/19 15:16	06/29/19 03:12	1
Acetophenone	ND		5.0	0.54	ug/L		06/20/19 15:16	06/29/19 03:12	1
Anthracene	ND		5.0	0.28	ug/L		06/20/19 15:16	06/29/19 03:12	1
Atrazine	ND		5.0	0.46	ug/L		06/20/19 15:16	06/29/19 03:12	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/20/19 15:16	06/29/19 03:12	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/20/19 15:16	06/29/19 03:12	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/20/19 15:16	06/29/19 03:12	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/20/19 15:16	06/29/19 03:12	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/20/19 15:16	06/29/19 03:12	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/20/19 15:16	06/29/19 03:12	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/20/19 15:16	06/29/19 03:12	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/20/19 15:16	06/29/19 03:12	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/20/19 15:16	06/29/19 03:12	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/20/19 15:16	06/29/19 03:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: B-1

Lab Sample ID: 480-155113-1

Date Collected: 06/14/19 10:20

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/20/19 15:16	06/29/19 03:12	1
Carbazole	ND		5.0	0.30	ug/L		06/20/19 15:16	06/29/19 03:12	1
Chrysene	ND		5.0	0.33	ug/L		06/20/19 15:16	06/29/19 03:12	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/20/19 15:16	06/29/19 03:12	1
Di-n-butyl phthalate	0.32	J	5.0	0.31	ug/L		06/20/19 15:16	06/29/19 03:12	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/20/19 15:16	06/29/19 03:12	1
Dibenzofuran	ND		10	0.51	ug/L		06/20/19 15:16	06/29/19 03:12	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/20/19 15:16	06/29/19 03:12	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/20/19 15:16	06/29/19 03:12	1
Fluoranthene	ND		5.0	0.40	ug/L		06/20/19 15:16	06/29/19 03:12	1
Fluorene	ND		5.0	0.36	ug/L		06/20/19 15:16	06/29/19 03:12	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/20/19 15:16	06/29/19 03:12	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/20/19 15:16	06/29/19 03:12	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/20/19 15:16	06/29/19 03:12	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/20/19 15:16	06/29/19 03:12	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/20/19 15:16	06/29/19 03:12	1
Isophorone	ND		5.0	0.43	ug/L		06/20/19 15:16	06/29/19 03:12	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/20/19 15:16	06/29/19 03:12	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/20/19 15:16	06/29/19 03:12	1
Naphthalene	ND		5.0	0.76	ug/L		06/20/19 15:16	06/29/19 03:12	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/20/19 15:16	06/29/19 03:12	1
Pentachlorophenol	ND		10	2.2	ug/L		06/20/19 15:16	06/29/19 03:12	1
Phenanthrene	0.85	J B	5.0	0.44	ug/L		06/20/19 15:16	06/29/19 03:12	1
Phenol	0.61	J B	5.0	0.39	ug/L		06/20/19 15:16	06/29/19 03:12	1
Pyrene	ND		5.0	0.34	ug/L		06/20/19 15:16	06/29/19 03:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	93		46 - 120	06/20/19 15:16	06/29/19 03:12	1
Phenol-d5 (Surr)	53		22 - 120	06/20/19 15:16	06/29/19 03:12	1
p-Terphenyl-d14 (Surr)	85		59 - 136	06/20/19 15:16	06/29/19 03:12	1
2,4,6-Tribromophenol (Surr)	88		41 - 120	06/20/19 15:16	06/29/19 03:12	1
2-Fluorobiphenyl	97		48 - 120	06/20/19 15:16	06/29/19 03:12	1
2-Fluorophenol (Surr)	73		35 - 120	06/20/19 15:16	06/29/19 03:12	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 12:25	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 12:25	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 12:25	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 12:25	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 12:25	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 12:25	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 12:25	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 12:25	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 12:25	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 12:25	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 12:25	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 12:25	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 12:25	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 12:25	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: B-1

Lab Sample ID: 480-155113-1

Date Collected: 06/14/19 10:20

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 12:25	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 12:25	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 12:25	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 12:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		23 - 120				06/19/19 14:52	06/20/19 12:25	1
DCB Decachlorobiphenyl	78		23 - 120				06/19/19 14:52	06/20/19 12:25	1
Tetrachloro-m-xylene	73		44 - 120				06/19/19 14:52	06/20/19 12:25	1
Tetrachloro-m-xylene	63		44 - 120				06/19/19 14:52	06/20/19 12:25	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 15:47	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 15:47	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 15:47	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 15:47	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 15:47	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 15:47	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 15:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		36 - 121				06/21/19 15:56	06/24/19 15:47	1
DCB Decachlorobiphenyl	72		36 - 121				06/21/19 15:56	06/24/19 15:47	1
Tetrachloro-m-xylene	76		42 - 135				06/21/19 15:56	06/24/19 15:47	1
Tetrachloro-m-xylene	61		42 - 135				06/21/19 15:56	06/24/19 15:47	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 17:50	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 17:50	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 17:50	1
Barium	0.20		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 17:50	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 17:50	1
Cadmium	ND		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 17:50	1
Calcium	96.4		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 17:50	1
Chromium	ND		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 17:50	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 17:50	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 17:50	1
Iron	0.97		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 17:50	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 17:50	1
Magnesium	43.0		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 17:50	1
Manganese	0.075		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 17:50	1
Nickel	ND		0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 17:50	1
Potassium	3.6		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 17:50	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 17:50	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 17:50	1
Sodium	34.6		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 17:50	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 17:50	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 17:50	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: B-1

Lab Sample ID: 480-155113-1

Date Collected: 06/14/19 10:20

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 17:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:26	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BFS-1

Lab Sample ID: 480-155113-2

Date Collected: 06/12/19 14:40

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 10:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 10:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 10:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 10:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 10:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 10:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 10:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 10:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 10:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 10:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 10:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 10:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 10:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 10:33	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 10:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 10:33	1
Acetone	ND		10	3.0	ug/L			06/20/19 10:33	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 10:33	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 10:33	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 10:33	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 10:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 10:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 10:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 10:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 10:33	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 10:33	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 10:33	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 10:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 10:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 10:33	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 10:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 10:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 10:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 10:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 10:33	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 10:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 10:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 10:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 10:33	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 10:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 10:33	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 10:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 10:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 10:33	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 10:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 10:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 10:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 10:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BFS-1

Lab Sample ID: 480-155113-2

Date Collected: 06/12/19 14:40

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 10:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		80 - 120					06/20/19 10:33	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					06/20/19 10:33	1
4-Bromofluorobenzene (Surr)	102		73 - 120					06/20/19 10:33	1
Dibromofluoromethane (Surr)	99		75 - 123					06/20/19 10:33	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/26/19 20:58	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/26/19 20:58	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 20:58	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/26/19 20:58	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 20:58	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/26/19 20:58	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 20:58	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 20:58	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 20:58	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 20:58	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/26/19 20:58	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 20:58	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/26/19 20:58	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/26/19 20:58	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 20:58	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 20:58	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/26/19 20:58	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 20:58	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 20:58	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 20:58	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 20:58	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 20:58	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/26/19 20:58	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/26/19 20:58	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/26/19 20:58	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/26/19 20:58	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/26/19 20:58	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 20:58	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/26/19 20:58	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 20:58	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/26/19 20:58	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 20:58	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 20:58	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 20:58	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 20:58	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/26/19 20:58	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 20:58	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 20:58	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 20:58	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/26/19 20:58	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BFS-1

Lab Sample ID: 480-155113-2

Date Collected: 06/12/19 14:40

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 20:58	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/26/19 20:58	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/26/19 20:58	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/26/19 20:58	1
Di-n-butyl phthalate	0.33	J	5.0	0.31	ug/L		06/19/19 14:59	06/26/19 20:58	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 20:58	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/26/19 20:58	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/26/19 20:58	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 20:58	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 20:58	1
Fluorene	0.53	J B	5.0	0.36	ug/L		06/19/19 14:59	06/26/19 20:58	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 20:58	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/26/19 20:58	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 20:58	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 20:58	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 20:58	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/26/19 20:58	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 20:58	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 20:58	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/26/19 20:58	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/26/19 20:58	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 20:58	1
Phenanthrene	2.4	J B	5.0	0.44	ug/L		06/19/19 14:59	06/26/19 20:58	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/26/19 20:58	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	96		46 - 120	06/19/19 14:59	06/26/19 20:58	1
Phenol-d5 (Surr)	49		22 - 120	06/19/19 14:59	06/26/19 20:58	1
p-Terphenyl-d14 (Surr)	89		59 - 136	06/19/19 14:59	06/26/19 20:58	1
2,4,6-Tribromophenol (Surr)	112		41 - 120	06/19/19 14:59	06/26/19 20:58	1
2-Fluorobiphenyl	104		48 - 120	06/19/19 14:59	06/26/19 20:58	1
2-Fluorophenol (Surr)	68		35 - 120	06/19/19 14:59	06/26/19 20:58	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 12:45	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 12:45	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 12:45	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 12:45	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 12:45	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 12:45	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 12:45	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 12:45	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 12:45	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 12:45	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 12:45	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 12:45	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 12:45	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 12:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BFS-1

Lab Sample ID: 480-155113-2

Date Collected: 06/12/19 14:40

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 12:45	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 12:45	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 12:45	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 12:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		23 - 120	06/19/19 14:52	06/20/19 12:45	1
DCB Decachlorobiphenyl	62		23 - 120	06/19/19 14:52	06/20/19 12:45	1
Tetrachloro-m-xylene	79		44 - 120	06/19/19 14:52	06/20/19 12:45	1
Tetrachloro-m-xylene	71		44 - 120	06/19/19 14:52	06/20/19 12:45	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:00	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:00	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:00	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:00	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:00	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 16:00	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		36 - 121	06/21/19 15:56	06/24/19 16:00	1
DCB Decachlorobiphenyl	55		36 - 121	06/21/19 15:56	06/24/19 16:00	1
Tetrachloro-m-xylene	71		42 - 135	06/21/19 15:56	06/24/19 16:00	1
Tetrachloro-m-xylene	56		42 - 135	06/21/19 15:56	06/24/19 16:00	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.24		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 18:21	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 18:21	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 18:21	1
Barium	0.13		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 18:21	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 18:21	1
Cadmium	0.00064	J	0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 18:21	1
Calcium	89.3		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:21	1
Chromium	0.057		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 18:21	1
Cobalt	0.0010	J	0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 18:21	1
Copper	0.0061	J	0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 18:21	1
Iron	0.86		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 18:21	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 18:21	1
Magnesium	30.5		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 18:21	1
Manganese	1.9		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 18:21	1
Nickel	0.025		0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 18:21	1
Potassium	1.9		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:21	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 18:21	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 18:21	1
Sodium	63.3		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 18:21	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 18:21	1
Vanadium	0.026		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 18:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BFS-1

Lab Sample ID: 480-155113-2

Date Collected: 06/12/19 14:40

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.012		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 18:21	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:27	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BFS-2

Lab Sample ID: 480-155113-3

Date Collected: 06/12/19 14:45

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 10:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 10:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 10:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 10:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 10:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 10:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 10:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 10:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 10:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 10:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 10:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 10:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 10:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 10:57	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 10:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 10:57	1
Acetone	ND		10	3.0	ug/L			06/20/19 10:57	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 10:57	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 10:57	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 10:57	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 10:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 10:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 10:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 10:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 10:57	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 10:57	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 10:57	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 10:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 10:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 10:57	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 10:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 10:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 10:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 10:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 10:57	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 10:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 10:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 10:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 10:57	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 10:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 10:57	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 10:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 10:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 10:57	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 10:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 10:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 10:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 10:57	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BFS-2

Lab Sample ID: 480-155113-3

Date Collected: 06/12/19 14:45

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 10:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120					06/20/19 10:57	1
1,2-Dichloroethane-d4 (Surr)	113		77 - 120					06/20/19 10:57	1
4-Bromofluorobenzene (Surr)	92		73 - 120					06/20/19 10:57	1
Dibromofluoromethane (Surr)	105		75 - 123					06/20/19 10:57	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		25	3.3	ug/L		06/19/19 14:59	06/26/19 21:26	1
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		06/19/19 14:59	06/26/19 21:26	1
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		06/19/19 14:59	06/26/19 21:26	1
2,4,6-Trichlorophenol	ND *		25	3.1	ug/L		06/19/19 14:59	06/26/19 21:26	1
2,4-Dichlorophenol	ND		25	2.6	ug/L		06/19/19 14:59	06/26/19 21:26	1
2,4-Dimethylphenol	ND		25	2.5	ug/L		06/19/19 14:59	06/26/19 21:26	1
2,4-Dinitrophenol	ND		50	11	ug/L		06/19/19 14:59	06/26/19 21:26	1
2,4-Dinitrotoluene	ND		25	2.2	ug/L		06/19/19 14:59	06/26/19 21:26	1
2,6-Dinitrotoluene	ND		25	2.0	ug/L		06/19/19 14:59	06/26/19 21:26	1
2-Chloronaphthalene	ND		25	2.3	ug/L		06/19/19 14:59	06/26/19 21:26	1
2-Chlorophenol	ND		25	2.7	ug/L		06/19/19 14:59	06/26/19 21:26	1
2-Methylphenol	ND		25	2.0	ug/L		06/19/19 14:59	06/26/19 21:26	1
2-Methylnaphthalene	ND		25	3.0	ug/L		06/19/19 14:59	06/26/19 21:26	1
2-Nitroaniline	ND		50	2.1	ug/L		06/19/19 14:59	06/26/19 21:26	1
2-Nitrophenol	ND		25	2.4	ug/L		06/19/19 14:59	06/26/19 21:26	1
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		06/19/19 14:59	06/26/19 21:26	1
3-Nitroaniline	ND		50	2.4	ug/L		06/19/19 14:59	06/26/19 21:26	1
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		06/19/19 14:59	06/26/19 21:26	1
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		06/19/19 14:59	06/26/19 21:26	1
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		06/19/19 14:59	06/26/19 21:26	1
4-Chloroaniline	ND		25	3.0	ug/L		06/19/19 14:59	06/26/19 21:26	1
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		06/19/19 14:59	06/26/19 21:26	1
4-Methylphenol	ND		50	1.8	ug/L		06/19/19 14:59	06/26/19 21:26	1
4-Nitroaniline	ND		50	1.3	ug/L		06/19/19 14:59	06/26/19 21:26	1
4-Nitrophenol	ND *		50	7.6	ug/L		06/19/19 14:59	06/26/19 21:26	1
Acenaphthene	ND		25	2.1	ug/L		06/19/19 14:59	06/26/19 21:26	1
Acenaphthylene	ND		25	1.9	ug/L		06/19/19 14:59	06/26/19 21:26	1
Acetophenone	ND		25	2.7	ug/L		06/19/19 14:59	06/26/19 21:26	1
Anthracene	ND		25	1.4	ug/L		06/19/19 14:59	06/26/19 21:26	1
Atrazine	ND		25	2.3	ug/L		06/19/19 14:59	06/26/19 21:26	1
Benzaldehyde	ND		25	1.3	ug/L		06/19/19 14:59	06/26/19 21:26	1
Benzo[a]anthracene	ND		25	1.8	ug/L		06/19/19 14:59	06/26/19 21:26	1
Benzo[a]pyrene	ND		25	2.4	ug/L		06/19/19 14:59	06/26/19 21:26	1
Benzo[b]fluoranthene	ND		25	1.7	ug/L		06/19/19 14:59	06/26/19 21:26	1
Benzo[g,h,i]perylene	ND		25	1.8	ug/L		06/19/19 14:59	06/26/19 21:26	1
Benzo[k]fluoranthene	ND		25	3.7	ug/L		06/19/19 14:59	06/26/19 21:26	1
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		06/19/19 14:59	06/26/19 21:26	1
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		06/19/19 14:59	06/26/19 21:26	1
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		06/19/19 14:59	06/26/19 21:26	1
Butyl benzyl phthalate	ND		25	5.0	ug/L		06/19/19 14:59	06/26/19 21:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BFS-2

Lab Sample ID: 480-155113-3

Date Collected: 06/12/19 14:45

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		25	11	ug/L		06/19/19 14:59	06/26/19 21:26	1
Carbazole	ND		25	1.5	ug/L		06/19/19 14:59	06/26/19 21:26	1
Chrysene	ND		25	1.7	ug/L		06/19/19 14:59	06/26/19 21:26	1
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		06/19/19 14:59	06/26/19 21:26	1
Di-n-butyl phthalate	ND		25	1.6	ug/L		06/19/19 14:59	06/26/19 21:26	1
Di-n-octyl phthalate	ND		25	2.4	ug/L		06/19/19 14:59	06/26/19 21:26	1
Dibenzofuran	ND		50	2.6	ug/L		06/19/19 14:59	06/26/19 21:26	1
Diethyl phthalate	ND		25	1.1	ug/L		06/19/19 14:59	06/26/19 21:26	1
Dimethyl phthalate	ND		25	1.8	ug/L		06/19/19 14:59	06/26/19 21:26	1
Fluoranthene	ND		25	2.0	ug/L		06/19/19 14:59	06/26/19 21:26	1
Fluorene	2.9	J B	25	1.8	ug/L		06/19/19 14:59	06/26/19 21:26	1
Hexachlorobenzene	ND		25	2.6	ug/L		06/19/19 14:59	06/26/19 21:26	1
Hexachlorobutadiene	ND		25	3.4	ug/L		06/19/19 14:59	06/26/19 21:26	1
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		06/19/19 14:59	06/26/19 21:26	1
Hexachloroethane	ND		25	3.0	ug/L		06/19/19 14:59	06/26/19 21:26	1
Indeno[1,2,3-cd]pyrene	ND		25	2.4	ug/L		06/19/19 14:59	06/26/19 21:26	1
Isophorone	ND		25	2.2	ug/L		06/19/19 14:59	06/26/19 21:26	1
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		06/19/19 14:59	06/26/19 21:26	1
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		06/19/19 14:59	06/26/19 21:26	1
Naphthalene	ND		25	3.8	ug/L		06/19/19 14:59	06/26/19 21:26	1
Nitrobenzene	ND		25	1.5	ug/L		06/19/19 14:59	06/26/19 21:26	1
Pentachlorophenol	ND		50	11	ug/L		06/19/19 14:59	06/26/19 21:26	1
Phenanthrene	12	J B	25	2.2	ug/L		06/19/19 14:59	06/26/19 21:26	1
Phenol	ND		25	2.0	ug/L		06/19/19 14:59	06/26/19 21:26	1
Pyrene	ND		25	1.7	ug/L		06/19/19 14:59	06/26/19 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	81		46 - 120	06/19/19 14:59	06/26/19 21:26	1
Phenol-d5 (Surr)	42		22 - 120	06/19/19 14:59	06/26/19 21:26	1
p-Terphenyl-d14 (Surr)	73		59 - 136	06/19/19 14:59	06/26/19 21:26	1
2,4,6-Tribromophenol (Surr)	90		41 - 120	06/19/19 14:59	06/26/19 21:26	1
2-Fluorobiphenyl	87		48 - 120	06/19/19 14:59	06/26/19 21:26	1
2-Fluorophenol (Surr)	57		35 - 120	06/19/19 14:59	06/26/19 21:26	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 13:04	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 13:04	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 13:04	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 13:04	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 13:04	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 13:04	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 13:04	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 13:04	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 13:04	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 13:04	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 13:04	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 13:04	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 13:04	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 13:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BFS-2

Lab Sample ID: 480-155113-3

Date Collected: 06/12/19 14:45

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 13:04	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 13:04	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 13:04	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 13:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	53		23 - 120				06/19/19 14:52	06/20/19 13:04	1
DCB Decachlorobiphenyl	56		23 - 120				06/19/19 14:52	06/20/19 13:04	1
Tetrachloro-m-xylene	75		44 - 120				06/19/19 14:52	06/20/19 13:04	1
Tetrachloro-m-xylene	72		44 - 120				06/19/19 14:52	06/20/19 13:04	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:13	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:13	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:13	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:13	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:13	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 16:13	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 16:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		36 - 121				06/21/19 15:56	06/24/19 16:13	1
DCB Decachlorobiphenyl	41		36 - 121				06/21/19 15:56	06/24/19 16:13	1
Tetrachloro-m-xylene	77		42 - 135				06/21/19 15:56	06/24/19 16:13	1
Tetrachloro-m-xylene	59		42 - 135				06/21/19 15:56	06/24/19 16:13	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.7		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 18:25	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 18:25	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 18:25	1
Barium	0.073		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 18:25	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 18:25	1
Cadmium	0.00059	J	0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 18:25	1
Calcium	98.2		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:25	1
Chromium	0.047		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 18:25	1
Cobalt	0.0019	J	0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 18:25	1
Copper	0.012		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 18:25	1
Iron	1.9		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 18:25	1
Lead	0.0045	J	0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 18:25	1
Magnesium	23.2		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 18:25	1
Manganese	0.13		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 18:25	1
Nickel	0.044		0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 18:25	1
Potassium	2.9		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:25	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 18:25	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 18:25	1
Sodium	71.0		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 18:25	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 18:25	1
Vanadium	0.0075		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 18:25	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BFS-2

Lab Sample ID: 480-155113-3

Date Collected: 06/12/19 14:45

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.062		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 18:25	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:33	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BR-4

Lab Sample ID: 480-155113-4

Date Collected: 06/12/19 09:30

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 11:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 11:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 11:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 11:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 11:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 11:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 11:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 11:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 11:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 11:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 11:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 11:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 11:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 11:22	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 11:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 11:22	1
Acetone	ND		10	3.0	ug/L			06/20/19 11:22	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 11:22	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 11:22	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 11:22	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 11:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 11:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 11:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 11:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 11:22	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 11:22	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 11:22	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 11:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 11:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 11:22	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 11:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 11:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 11:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 11:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 11:22	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 11:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 11:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 11:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 11:22	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 11:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 11:22	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 11:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 11:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 11:22	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 11:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 11:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 11:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 11:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BR-4

Lab Sample ID: 480-155113-4

Date Collected: 06/12/19 09:30

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 11:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	104		80 - 120					06/20/19 11:22	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120					06/20/19 11:22	1
4-Bromofluorobenzene (Surr)	114		73 - 120					06/20/19 11:22	1
Dibromofluoromethane (Surr)	104		75 - 123					06/20/19 11:22	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/26/19 21:54	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/26/19 21:54	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 21:54	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/26/19 21:54	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 21:54	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/26/19 21:54	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 21:54	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 21:54	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 21:54	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 21:54	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/26/19 21:54	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 21:54	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/26/19 21:54	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/26/19 21:54	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 21:54	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 21:54	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/26/19 21:54	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 21:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 21:54	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 21:54	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 21:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 21:54	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/26/19 21:54	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/26/19 21:54	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/26/19 21:54	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/26/19 21:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/26/19 21:54	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 21:54	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/26/19 21:54	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 21:54	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/26/19 21:54	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 21:54	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 21:54	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 21:54	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 21:54	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/26/19 21:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 21:54	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 21:54	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 21:54	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/26/19 21:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BR-4

Lab Sample ID: 480-155113-4

Date Collected: 06/12/19 09:30

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 21:54	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/26/19 21:54	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/26/19 21:54	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/26/19 21:54	1
Di-n-butyl phthalate	0.40	J	5.0	0.31	ug/L		06/19/19 14:59	06/26/19 21:54	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 21:54	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/26/19 21:54	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/26/19 21:54	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 21:54	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 21:54	1
Fluorene	0.50	J B	5.0	0.36	ug/L		06/19/19 14:59	06/26/19 21:54	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 21:54	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/26/19 21:54	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 21:54	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 21:54	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 21:54	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/26/19 21:54	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 21:54	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 21:54	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/26/19 21:54	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/26/19 21:54	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 21:54	1
Phenanthrene	2.3	J B	5.0	0.44	ug/L		06/19/19 14:59	06/26/19 21:54	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/26/19 21:54	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 21:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	95		46 - 120	06/19/19 14:59	06/26/19 21:54	1
Phenol-d5 (Surr)	49		22 - 120	06/19/19 14:59	06/26/19 21:54	1
p-Terphenyl-d14 (Surr)	89		59 - 136	06/19/19 14:59	06/26/19 21:54	1
2,4,6-Tribromophenol (Surr)	114		41 - 120	06/19/19 14:59	06/26/19 21:54	1
2-Fluorobiphenyl	103		48 - 120	06/19/19 14:59	06/26/19 21:54	1
2-Fluorophenol (Surr)	68		35 - 120	06/19/19 14:59	06/26/19 21:54	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 13:24	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 13:24	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 13:24	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 13:24	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 13:24	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 13:24	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 13:24	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 13:24	1
4,4'-DDT	0.015	J	0.050	0.011	ug/L		06/19/19 14:52	06/20/19 13:24	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 13:24	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 13:24	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 13:24	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 13:24	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 13:24	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BR-4

Lab Sample ID: 480-155113-4

Date Collected: 06/12/19 09:30

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 13:24	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 13:24	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 13:24	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		23 - 120				06/19/19 14:52	06/20/19 13:24	1
DCB Decachlorobiphenyl	78		23 - 120				06/19/19 14:52	06/20/19 13:24	1
Tetrachloro-m-xylene	88		44 - 120				06/19/19 14:52	06/20/19 13:24	1
Tetrachloro-m-xylene	75		44 - 120				06/19/19 14:52	06/20/19 13:24	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:26	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:26	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:26	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:26	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:26	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 16:26	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		36 - 121				06/21/19 15:56	06/24/19 16:26	1
DCB Decachlorobiphenyl	56		36 - 121				06/21/19 15:56	06/24/19 16:26	1
Tetrachloro-m-xylene	78		42 - 135				06/21/19 15:56	06/24/19 16:26	1
Tetrachloro-m-xylene	61		42 - 135				06/21/19 15:56	06/24/19 16:26	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 18:28	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 18:28	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 18:28	1
Barium	1.3		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 18:28	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 18:28	1
Cadmium	ND		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 18:28	1
Calcium	112		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:28	1
Chromium	ND		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 18:28	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 18:28	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 18:28	1
Iron	0.12		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 18:28	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 18:28	1
Magnesium	44.0		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 18:28	1
Manganese	0.063		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 18:28	1
Nickel	ND		0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 18:28	1
Potassium	2.6		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:28	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 18:28	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 18:28	1
Sodium	38.8		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 18:28	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 18:28	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 18:28	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BR-4

Lab Sample ID: 480-155113-4

Date Collected: 06/12/19 09:30

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 18:28	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:34	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-01

Lab Sample ID: 480-155113-5

Date Collected: 06/14/19 10:25

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 11:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 11:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 11:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 11:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 11:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 11:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 11:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 11:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 11:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 11:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 11:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 11:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 11:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 11:47	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 11:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 11:47	1
Acetone	ND		10	3.0	ug/L			06/20/19 11:47	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 11:47	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 11:47	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 11:47	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 11:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 11:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 11:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 11:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 11:47	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 11:47	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 11:47	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 11:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 11:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 11:47	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 11:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 11:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 11:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 11:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 11:47	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 11:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 11:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 11:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 11:47	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 11:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 11:47	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 11:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 11:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 11:47	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 11:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 11:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 11:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 11:47	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-01

Lab Sample ID: 480-155113-5

Date Collected: 06/14/19 10:25

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 11:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120					06/20/19 11:47	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					06/20/19 11:47	1
4-Bromofluorobenzene (Surr)	98		73 - 120					06/20/19 11:47	1
Dibromofluoromethane (Surr)	99		75 - 123					06/20/19 11:47	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/26/19 22:22	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/26/19 22:22	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 22:22	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/26/19 22:22	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 22:22	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/26/19 22:22	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 22:22	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 22:22	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 22:22	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 22:22	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/26/19 22:22	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 22:22	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/26/19 22:22	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/26/19 22:22	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 22:22	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 22:22	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/26/19 22:22	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 22:22	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 22:22	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 22:22	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 22:22	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 22:22	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/26/19 22:22	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/26/19 22:22	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/26/19 22:22	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/26/19 22:22	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/26/19 22:22	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 22:22	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/26/19 22:22	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 22:22	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/26/19 22:22	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 22:22	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 22:22	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 22:22	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 22:22	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/26/19 22:22	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 22:22	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 22:22	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 22:22	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/26/19 22:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-01

Lab Sample ID: 480-155113-5

Date Collected: 06/14/19 10:25

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 22:22	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/26/19 22:22	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/26/19 22:22	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/26/19 22:22	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/26/19 22:22	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 22:22	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/26/19 22:22	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/26/19 22:22	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 22:22	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 22:22	1
Fluorene	0.53	J B	5.0	0.36	ug/L		06/19/19 14:59	06/26/19 22:22	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 22:22	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/26/19 22:22	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 22:22	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 22:22	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 22:22	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/26/19 22:22	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 22:22	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 22:22	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/26/19 22:22	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/26/19 22:22	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 22:22	1
Phenanthrene	2.1	J B	5.0	0.44	ug/L		06/19/19 14:59	06/26/19 22:22	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/26/19 22:22	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	98		46 - 120	06/19/19 14:59	06/26/19 22:22	1
Phenol-d5 (Surr)	57		22 - 120	06/19/19 14:59	06/26/19 22:22	1
p-Terphenyl-d14 (Surr)	93		59 - 136	06/19/19 14:59	06/26/19 22:22	1
2,4,6-Tribromophenol (Surr)	112		41 - 120	06/19/19 14:59	06/26/19 22:22	1
2-Fluorobiphenyl	103		48 - 120	06/19/19 14:59	06/26/19 22:22	1
2-Fluorophenol (Surr)	76		35 - 120	06/19/19 14:59	06/26/19 22:22	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 13:44	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 13:44	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 13:44	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 13:44	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 13:44	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 13:44	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 13:44	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 13:44	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 13:44	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 13:44	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 13:44	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 13:44	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 13:44	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 13:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-01

Lab Sample ID: 480-155113-5

Date Collected: 06/14/19 10:25

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 13:44	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 13:44	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 13:44	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 13:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		23 - 120				06/19/19 14:52	06/20/19 13:44	1
DCB Decachlorobiphenyl	57		23 - 120				06/19/19 14:52	06/20/19 13:44	1
Tetrachloro-m-xylene	74		44 - 120				06/19/19 14:52	06/20/19 13:44	1
Tetrachloro-m-xylene	60		44 - 120				06/19/19 14:52	06/20/19 13:44	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:39	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:39	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:39	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:39	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:39	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 16:39	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51		36 - 121				06/21/19 15:56	06/24/19 16:39	1
DCB Decachlorobiphenyl	48		36 - 121				06/21/19 15:56	06/24/19 16:39	1
Tetrachloro-m-xylene	67		42 - 135				06/21/19 15:56	06/24/19 16:39	1
Tetrachloro-m-xylene	54		42 - 135				06/21/19 15:56	06/24/19 16:39	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5.4		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 18:32	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 18:32	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 18:32	1
Barium	0.15		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 18:32	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 18:32	1
Cadmium	ND		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 18:32	1
Calcium	89.4		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:32	1
Chromium	0.0070		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 18:32	1
Cobalt	0.0019	J	0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 18:32	1
Copper	0.010		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 18:32	1
Iron	5.9		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 18:32	1
Lead	0.011		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 18:32	1
Magnesium	24.7		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 18:32	1
Manganese	0.16		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 18:32	1
Nickel	0.0068	J	0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 18:32	1
Potassium	2.5		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:32	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 18:32	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 18:32	1
Sodium	10.4		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 18:32	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 18:32	1
Vanadium	0.0097		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 18:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-01

Lab Sample ID: 480-155113-5

Date Collected: 06/14/19 10:25

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.017		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 18:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:35	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-02

Lab Sample ID: 480-155113-6

Date Collected: 06/13/19 14:00

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 12:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 12:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 12:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 12:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 12:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 12:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 12:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 12:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 12:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 12:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 12:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 12:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 12:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 12:11	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 12:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 12:11	1
Acetone	ND		10	3.0	ug/L			06/20/19 12:11	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 12:11	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 12:11	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 12:11	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 12:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 12:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 12:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 12:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 12:11	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 12:11	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 12:11	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 12:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 12:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 12:11	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 12:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 12:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 12:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 12:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 12:11	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 12:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 12:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 12:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 12:11	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 12:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 12:11	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 12:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 12:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 12:11	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 12:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 12:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 12:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 12:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-02

Lab Sample ID: 480-155113-6

Date Collected: 06/13/19 14:00

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 12:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120					06/20/19 12:11	1
1,2-Dichloroethane-d4 (Surr)	113		77 - 120					06/20/19 12:11	1
4-Bromofluorobenzene (Surr)	104		73 - 120					06/20/19 12:11	1
Dibromofluoromethane (Surr)	110		75 - 123					06/20/19 12:11	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/26/19 22:50	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/26/19 22:50	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 22:50	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/26/19 22:50	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 22:50	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/26/19 22:50	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 22:50	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 22:50	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 22:50	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 22:50	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/26/19 22:50	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 22:50	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/26/19 22:50	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/26/19 22:50	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 22:50	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 22:50	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/26/19 22:50	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 22:50	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 22:50	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 22:50	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 22:50	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 22:50	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/26/19 22:50	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/26/19 22:50	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/26/19 22:50	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/26/19 22:50	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/26/19 22:50	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 22:50	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/26/19 22:50	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 22:50	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/26/19 22:50	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 22:50	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 22:50	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 22:50	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 22:50	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/26/19 22:50	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 22:50	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 22:50	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 22:50	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/26/19 22:50	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-02

Lab Sample ID: 480-155113-6

Date Collected: 06/13/19 14:00

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 22:50	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/26/19 22:50	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/26/19 22:50	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/26/19 22:50	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/26/19 22:50	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 22:50	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/26/19 22:50	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/26/19 22:50	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 22:50	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 22:50	1
Fluorene	0.51	J B	5.0	0.36	ug/L		06/19/19 14:59	06/26/19 22:50	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 22:50	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/26/19 22:50	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 22:50	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 22:50	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 22:50	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/26/19 22:50	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 22:50	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 22:50	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/26/19 22:50	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/26/19 22:50	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 22:50	1
Phenanthrene	2.2	J B	5.0	0.44	ug/L		06/19/19 14:59	06/26/19 22:50	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/26/19 22:50	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 22:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	91		46 - 120	06/19/19 14:59	06/26/19 22:50	1
Phenol-d5 (Surr)	47		22 - 120	06/19/19 14:59	06/26/19 22:50	1
p-Terphenyl-d14 (Surr)	90		59 - 136	06/19/19 14:59	06/26/19 22:50	1
2,4,6-Tribromophenol (Surr)	111		41 - 120	06/19/19 14:59	06/26/19 22:50	1
2-Fluorobiphenyl	100		48 - 120	06/19/19 14:59	06/26/19 22:50	1
2-Fluorophenol (Surr)	65		35 - 120	06/19/19 14:59	06/26/19 22:50	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 14:04	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 14:04	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 14:04	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 14:04	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 14:04	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 14:04	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 14:04	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 14:04	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 14:04	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 14:04	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 14:04	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 14:04	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 14:04	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 14:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-02

Lab Sample ID: 480-155113-6

Date Collected: 06/13/19 14:00

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 14:04	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 14:04	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 14:04	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 14:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		23 - 120				06/19/19 14:52	06/20/19 14:04	1
DCB Decachlorobiphenyl	84		23 - 120				06/19/19 14:52	06/20/19 14:04	1
Tetrachloro-m-xylene	77		44 - 120				06/19/19 14:52	06/20/19 14:04	1
Tetrachloro-m-xylene	68		44 - 120				06/19/19 14:52	06/20/19 14:04	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:52	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:52	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:52	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:52	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 16:52	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 16:52	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 16:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		36 - 121				06/21/19 15:56	06/24/19 16:52	1
DCB Decachlorobiphenyl	62		36 - 121				06/21/19 15:56	06/24/19 16:52	1
Tetrachloro-m-xylene	63		42 - 135				06/21/19 15:56	06/24/19 16:52	1
Tetrachloro-m-xylene	56		42 - 135				06/21/19 15:56	06/24/19 16:52	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 18:36	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 18:36	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 18:36	1
Barium	0.016		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 18:36	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 18:36	1
Cadmium	0.00057 J		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 18:36	1
Calcium	140		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:36	1
Chromium	0.0064		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 18:36	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 18:36	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 18:36	1
Iron	0.16		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 18:36	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 18:36	1
Magnesium	46.0		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 18:36	1
Manganese	0.16		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 18:36	1
Nickel	0.0015 J		0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 18:36	1
Potassium	2.1		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:36	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 18:36	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 18:36	1
Sodium	9.0		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 18:36	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 18:36	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 18:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-02

Lab Sample ID: 480-155113-6

Date Collected: 06/13/19 14:00

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 18:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:36	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WT-1B

Lab Sample ID: 480-155113-7

Date Collected: 06/11/19 13:45

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 12:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 12:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 12:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 12:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 12:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 12:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 12:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 12:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 12:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 12:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 12:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 12:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 12:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 12:35	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 12:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 12:35	1
Acetone	ND		10	3.0	ug/L			06/20/19 12:35	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 12:35	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 12:35	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 12:35	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 12:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 12:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 12:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 12:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 12:35	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 12:35	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 12:35	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 12:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 12:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 12:35	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 12:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 12:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 12:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 12:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 12:35	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 12:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 12:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 12:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 12:35	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 12:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 12:35	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 12:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 12:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 12:35	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 12:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 12:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 12:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 12:35	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WT-1B

Lab Sample ID: 480-155113-7

Date Collected: 06/11/19 13:45

Matrix: Water

Date Received: 06/19/19 15:10

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>06/20/19 12:35</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	<i>97</i>		<i>80 - 120</i>					<i>06/20/19 12:35</i>	<i>1</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>110</i>		<i>77 - 120</i>					<i>06/20/19 12:35</i>	<i>1</i>
<i>4-Bromofluorobenzene (Surr)</i>	<i>103</i>		<i>73 - 120</i>					<i>06/20/19 12:35</i>	<i>1</i>
<i>Dibromofluoromethane (Surr)</i>	<i>109</i>		<i>75 - 123</i>					<i>06/20/19 12:35</i>	<i>1</i>

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-04

Lab Sample ID: 480-155113-8

Date Collected: 06/14/19 09:05

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 12:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 12:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 12:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 12:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 12:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 12:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 12:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 12:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 12:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 12:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 12:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 12:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 12:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 12:59	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 12:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 12:59	1
Acetone	ND		10	3.0	ug/L			06/20/19 12:59	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 12:59	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 12:59	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 12:59	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 12:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 12:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 12:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 12:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 12:59	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 12:59	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 12:59	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 12:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 12:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 12:59	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 12:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 12:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 12:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 12:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 12:59	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 12:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 12:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 12:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 12:59	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 12:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 12:59	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 12:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 12:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 12:59	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 12:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 12:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 12:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 12:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-04

Lab Sample ID: 480-155113-8

Date Collected: 06/14/19 09:05

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	84		80 - 120					06/20/19 12:59	1
1,2-Dichloroethane-d4 (Surr)	112		77 - 120					06/20/19 12:59	1
4-Bromofluorobenzene (Surr)	84		73 - 120					06/20/19 12:59	1
Dibromofluoromethane (Surr)	111		75 - 123					06/20/19 12:59	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/26/19 23:18	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/26/19 23:18	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 23:18	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/26/19 23:18	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 23:18	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/26/19 23:18	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 23:18	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 23:18	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 23:18	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 23:18	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/26/19 23:18	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 23:18	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/26/19 23:18	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/26/19 23:18	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 23:18	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 23:18	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/26/19 23:18	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 23:18	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 23:18	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 23:18	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 23:18	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 23:18	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/26/19 23:18	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/26/19 23:18	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/26/19 23:18	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/26/19 23:18	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/26/19 23:18	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 23:18	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/26/19 23:18	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 23:18	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/26/19 23:18	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 23:18	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 23:18	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 23:18	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 23:18	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/26/19 23:18	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 23:18	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 23:18	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 23:18	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/26/19 23:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-04

Lab Sample ID: 480-155113-8

Date Collected: 06/14/19 09:05

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 23:18	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/26/19 23:18	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/26/19 23:18	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/26/19 23:18	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/26/19 23:18	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 23:18	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/26/19 23:18	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/26/19 23:18	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 23:18	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 23:18	1
Fluorene	0.51	J B	5.0	0.36	ug/L		06/19/19 14:59	06/26/19 23:18	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 23:18	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/26/19 23:18	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 23:18	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 23:18	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 23:18	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/26/19 23:18	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 23:18	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 23:18	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/26/19 23:18	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/26/19 23:18	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 23:18	1
Phenanthrene	2.1	J B	5.0	0.44	ug/L		06/19/19 14:59	06/26/19 23:18	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/26/19 23:18	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 23:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	98		46 - 120	06/19/19 14:59	06/26/19 23:18	1
Phenol-d5 (Surr)	48		22 - 120	06/19/19 14:59	06/26/19 23:18	1
p-Terphenyl-d14 (Surr)	90		59 - 136	06/19/19 14:59	06/26/19 23:18	1
2,4,6-Tribromophenol (Surr)	100		41 - 120	06/19/19 14:59	06/26/19 23:18	1
2-Fluorobiphenyl	104		48 - 120	06/19/19 14:59	06/26/19 23:18	1
2-Fluorophenol (Surr)	65		35 - 120	06/19/19 14:59	06/26/19 23:18	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 14:23	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 14:23	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 14:23	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 14:23	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 14:23	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 14:23	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 14:23	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 14:23	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 14:23	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 14:23	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 14:23	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 14:23	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 14:23	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 14:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-04

Lab Sample ID: 480-155113-8

Date Collected: 06/14/19 09:05

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 14:23	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 14:23	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 14:23	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		23 - 120				06/19/19 14:52	06/20/19 14:23	1
DCB Decachlorobiphenyl	84		23 - 120				06/19/19 14:52	06/20/19 14:23	1
Tetrachloro-m-xylene	80		44 - 120				06/19/19 14:52	06/20/19 14:23	1
Tetrachloro-m-xylene	70		44 - 120				06/19/19 14:52	06/20/19 14:23	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:04	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:04	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:04	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:04	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:04	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 17:04	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		36 - 121				06/21/19 15:56	06/24/19 17:04	1
DCB Decachlorobiphenyl	66		36 - 121				06/21/19 15:56	06/24/19 17:04	1
Tetrachloro-m-xylene	81		42 - 135				06/21/19 15:56	06/24/19 17:04	1
Tetrachloro-m-xylene	63		42 - 135				06/21/19 15:56	06/24/19 17:04	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 18:51	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 18:51	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 18:51	1
Barium	0.030		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 18:51	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 18:51	1
Cadmium	ND		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 18:51	1
Calcium	110		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:51	1
Chromium	ND		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 18:51	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 18:51	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 18:51	1
Iron	0.67		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 18:51	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 18:51	1
Magnesium	49.9		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 18:51	1
Manganese	0.089		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 18:51	1
Nickel	ND		0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 18:51	1
Potassium	1.4		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:51	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 18:51	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 18:51	1
Sodium	11.9		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 18:51	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 18:51	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 18:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-04

Lab Sample ID: 480-155113-8

Date Collected: 06/14/19 09:05

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 18:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:38	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-06

Lab Sample ID: 480-155113-9

Date Collected: 06/13/19 10:50

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 13:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 13:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 13:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 13:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 13:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 13:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 13:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 13:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 13:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 13:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 13:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 13:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 13:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 13:24	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 13:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 13:24	1
Acetone	ND		10	3.0	ug/L			06/20/19 13:24	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 13:24	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 13:24	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 13:24	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 13:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 13:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 13:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 13:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 13:24	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 13:24	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 13:24	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 13:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 13:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 13:24	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 13:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 13:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 13:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 13:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 13:24	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 13:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 13:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 13:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 13:24	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 13:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 13:24	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 13:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 13:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 13:24	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 13:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 13:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 13:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 13:24	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-06

Lab Sample ID: 480-155113-9

Date Collected: 06/13/19 10:50

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120					06/20/19 13:24	1
1,2-Dichloroethane-d4 (Surr)	111		77 - 120					06/20/19 13:24	1
4-Bromofluorobenzene (Surr)	100		73 - 120					06/20/19 13:24	1
Dibromofluoromethane (Surr)	110		75 - 123					06/20/19 13:24	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/26/19 23:45	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/26/19 23:45	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 23:45	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/26/19 23:45	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 23:45	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/26/19 23:45	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 23:45	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 23:45	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 23:45	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 23:45	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/26/19 23:45	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 23:45	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/26/19 23:45	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/26/19 23:45	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 23:45	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 23:45	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/26/19 23:45	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 23:45	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 23:45	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 23:45	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 23:45	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 23:45	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/26/19 23:45	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/26/19 23:45	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/26/19 23:45	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/26/19 23:45	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/26/19 23:45	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 23:45	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/26/19 23:45	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 23:45	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/26/19 23:45	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 23:45	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 23:45	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 23:45	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 23:45	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/26/19 23:45	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 23:45	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 23:45	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 23:45	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/26/19 23:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-06

Lab Sample ID: 480-155113-9

Date Collected: 06/13/19 10:50

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 23:45	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/26/19 23:45	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/26/19 23:45	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/26/19 23:45	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/26/19 23:45	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 23:45	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/26/19 23:45	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/26/19 23:45	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 23:45	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 23:45	1
Fluorene	0.46	J B	5.0	0.36	ug/L		06/19/19 14:59	06/26/19 23:45	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 23:45	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/26/19 23:45	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 23:45	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 23:45	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 23:45	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/26/19 23:45	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 23:45	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 23:45	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/26/19 23:45	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/26/19 23:45	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 23:45	1
Phenanthrene	2.0	J B	5.0	0.44	ug/L		06/19/19 14:59	06/26/19 23:45	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/26/19 23:45	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 23:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	95		46 - 120	06/19/19 14:59	06/26/19 23:45	1
Phenol-d5 (Surr)	49		22 - 120	06/19/19 14:59	06/26/19 23:45	1
p-Terphenyl-d14 (Surr)	97		59 - 136	06/19/19 14:59	06/26/19 23:45	1
2,4,6-Tribromophenol (Surr)	106		41 - 120	06/19/19 14:59	06/26/19 23:45	1
2-Fluorobiphenyl	103		48 - 120	06/19/19 14:59	06/26/19 23:45	1
2-Fluorophenol (Surr)	68		35 - 120	06/19/19 14:59	06/26/19 23:45	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 14:43	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 14:43	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 14:43	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 14:43	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 14:43	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 14:43	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 14:43	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 14:43	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 14:43	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 14:43	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 14:43	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 14:43	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 14:43	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 14:43	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-06

Lab Sample ID: 480-155113-9

Date Collected: 06/13/19 10:50

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 14:43	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 14:43	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 14:43	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		23 - 120				06/19/19 14:52	06/20/19 14:43	1
DCB Decachlorobiphenyl	96		23 - 120				06/19/19 14:52	06/20/19 14:43	1
Tetrachloro-m-xylene	74		44 - 120				06/19/19 14:52	06/20/19 14:43	1
Tetrachloro-m-xylene	70		44 - 120				06/19/19 14:52	06/20/19 14:43	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:17	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:17	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:17	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:17	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:17	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 17:17	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		36 - 121				06/21/19 15:56	06/24/19 17:17	1
DCB Decachlorobiphenyl	71		36 - 121				06/21/19 15:56	06/24/19 17:17	1
Tetrachloro-m-xylene	64		42 - 135				06/21/19 15:56	06/24/19 17:17	1
Tetrachloro-m-xylene	52		42 - 135				06/21/19 15:56	06/24/19 17:17	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 18:55	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 18:55	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 18:55	1
Barium	0.030		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 18:55	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 18:55	1
Cadmium	ND		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 18:55	1
Calcium	152		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:55	1
Chromium	0.0021	J	0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 18:55	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 18:55	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 18:55	1
Iron	0.13		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 18:55	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 18:55	1
Magnesium	47.7		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 18:55	1
Manganese	0.16		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 18:55	1
Nickel	ND		0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 18:55	1
Potassium	4.5		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:55	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 18:55	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 18:55	1
Sodium	97.7		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 18:55	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 18:55	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 18:55	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-06

Lab Sample ID: 480-155113-9

Date Collected: 06/13/19 10:50

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 18:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:42	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-9

Lab Sample ID: 480-155113-10

Date Collected: 06/12/19 12:45

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 13:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 13:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 13:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 13:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 13:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 13:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 13:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 13:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 13:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 13:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 13:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 13:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 13:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 13:48	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 13:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 13:48	1
Acetone	ND		10	3.0	ug/L			06/20/19 13:48	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 13:48	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 13:48	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 13:48	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 13:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 13:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 13:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 13:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 13:48	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 13:48	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 13:48	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 13:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 13:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 13:48	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 13:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 13:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 13:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 13:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 13:48	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 13:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 13:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 13:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 13:48	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 13:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 13:48	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 13:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 13:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 13:48	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 13:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 13:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 13:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 13:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-9

Lab Sample ID: 480-155113-10

Date Collected: 06/12/19 12:45

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 13:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120					06/20/19 13:48	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					06/20/19 13:48	1
4-Bromofluorobenzene (Surr)	108		73 - 120					06/20/19 13:48	1
Dibromofluoromethane (Surr)	100		75 - 123					06/20/19 13:48	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 00:13	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 00:13	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 00:13	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/27/19 00:13	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 00:13	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 00:13	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 00:13	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 00:13	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 00:13	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 00:13	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 00:13	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 00:13	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 00:13	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 00:13	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 00:13	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 00:13	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 00:13	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 00:13	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 00:13	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 00:13	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 00:13	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 00:13	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 00:13	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 00:13	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/27/19 00:13	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 00:13	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 00:13	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 00:13	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 00:13	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 00:13	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 00:13	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 00:13	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 00:13	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 00:13	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 00:13	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 00:13	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 00:13	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 00:13	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 00:13	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 00:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-9

Lab Sample ID: 480-155113-10

Date Collected: 06/12/19 12:45

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 00:13	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 00:13	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 00:13	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 00:13	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/27/19 00:13	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 00:13	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 00:13	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 00:13	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 00:13	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 00:13	1
Fluorene	0.46	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 00:13	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 00:13	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 00:13	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 00:13	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 00:13	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 00:13	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 00:13	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 00:13	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 00:13	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 00:13	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 00:13	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 00:13	1
Phenanthrene	2.1	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 00:13	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 00:13	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	100		46 - 120	06/19/19 14:59	06/27/19 00:13	1
Phenol-d5 (Surr)	51		22 - 120	06/19/19 14:59	06/27/19 00:13	1
p-Terphenyl-d14 (Surr)	90		59 - 136	06/19/19 14:59	06/27/19 00:13	1
2,4,6-Tribromophenol (Surr)	115		41 - 120	06/19/19 14:59	06/27/19 00:13	1
2-Fluorobiphenyl	106		48 - 120	06/19/19 14:59	06/27/19 00:13	1
2-Fluorophenol (Surr)	73		35 - 120	06/19/19 14:59	06/27/19 00:13	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 15:03	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 15:03	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 15:03	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 15:03	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 15:03	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 15:03	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 15:03	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 15:03	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 15:03	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 15:03	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 15:03	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 15:03	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 15:03	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 15:03	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-9

Lab Sample ID: 480-155113-10

Date Collected: 06/12/19 12:45

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 15:03	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 15:03	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 15:03	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 15:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72		23 - 120	06/19/19 14:52	06/20/19 15:03	1
DCB Decachlorobiphenyl	73		23 - 120	06/19/19 14:52	06/20/19 15:03	1
Tetrachloro-m-xylene	78		44 - 120	06/19/19 14:52	06/20/19 15:03	1
Tetrachloro-m-xylene	74		44 - 120	06/19/19 14:52	06/20/19 15:03	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:30	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:30	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:30	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:30	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:30	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 17:30	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		36 - 121	06/21/19 15:56	06/24/19 17:30	1
DCB Decachlorobiphenyl	57		36 - 121	06/21/19 15:56	06/24/19 17:30	1
Tetrachloro-m-xylene	76		42 - 135	06/21/19 15:56	06/24/19 17:30	1
Tetrachloro-m-xylene	63		42 - 135	06/21/19 15:56	06/24/19 17:30	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.1		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 18:59	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 18:59	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 18:59	1
Barium	0.091		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 18:59	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 18:59	1
Cadmium	0.00058	J	0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 18:59	1
Calcium	125		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:59	1
Chromium	0.0038	J	0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 18:59	1
Cobalt	0.0013	J	0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 18:59	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 18:59	1
Iron	1.6		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 18:59	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 18:59	1
Magnesium	32.9		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 18:59	1
Manganese	0.93		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 18:59	1
Nickel	0.0073	J	0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 18:59	1
Potassium	1.8		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 18:59	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 18:59	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 18:59	1
Sodium	22.5		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 18:59	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 18:59	1
Vanadium	0.0023	J	0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 18:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-9

Lab Sample ID: 480-155113-10

Date Collected: 06/12/19 12:45

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 18:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:43	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-10

Lab Sample ID: 480-155113-11

Date Collected: 06/13/19 10:40

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 14:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 14:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 14:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 14:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 14:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 14:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 14:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 14:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 14:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 14:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 14:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 14:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 14:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 14:13	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 14:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 14:13	1
Acetone	ND		10	3.0	ug/L			06/20/19 14:13	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 14:13	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 14:13	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 14:13	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 14:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 14:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 14:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 14:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 14:13	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 14:13	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 14:13	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 14:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 14:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 14:13	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 14:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 14:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 14:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 14:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 14:13	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 14:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 14:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 14:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 14:13	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 14:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 14:13	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 14:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 14:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 14:13	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 14:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 14:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 14:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 14:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-10

Lab Sample ID: 480-155113-11

Date Collected: 06/13/19 10:40

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120					06/20/19 14:13	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					06/20/19 14:13	1
4-Bromofluorobenzene (Surr)	106		73 - 120					06/20/19 14:13	1
Dibromofluoromethane (Surr)	103		75 - 123					06/20/19 14:13	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 00:41	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 00:41	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 00:41	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/27/19 00:41	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 00:41	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 00:41	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 00:41	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 00:41	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 00:41	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 00:41	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 00:41	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 00:41	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 00:41	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 00:41	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 00:41	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 00:41	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 00:41	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 00:41	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 00:41	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 00:41	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 00:41	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 00:41	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 00:41	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 00:41	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/27/19 00:41	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 00:41	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 00:41	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 00:41	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 00:41	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 00:41	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 00:41	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 00:41	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 00:41	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 00:41	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 00:41	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 00:41	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 00:41	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 00:41	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 00:41	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 00:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-10

Lab Sample ID: 480-155113-11

Date Collected: 06/13/19 10:40

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 00:41	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 00:41	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 00:41	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 00:41	1
Di-n-butyl phthalate	0.34	J	5.0	0.31	ug/L		06/19/19 14:59	06/27/19 00:41	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 00:41	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 00:41	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 00:41	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 00:41	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 00:41	1
Fluorene	0.55	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 00:41	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 00:41	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 00:41	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 00:41	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 00:41	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 00:41	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 00:41	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 00:41	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 00:41	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 00:41	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 00:41	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 00:41	1
Phenanthrene	2.6	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 00:41	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 00:41	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	85		46 - 120	06/19/19 14:59	06/27/19 00:41	1
Phenol-d5 (Surr)	41		22 - 120	06/19/19 14:59	06/27/19 00:41	1
p-Terphenyl-d14 (Surr)	77		59 - 136	06/19/19 14:59	06/27/19 00:41	1
2,4,6-Tribromophenol (Surr)	101		41 - 120	06/19/19 14:59	06/27/19 00:41	1
2-Fluorobiphenyl	92		48 - 120	06/19/19 14:59	06/27/19 00:41	1
2-Fluorophenol (Surr)	58		35 - 120	06/19/19 14:59	06/27/19 00:41	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 15:22	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 15:22	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 15:22	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 15:22	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 15:22	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 15:22	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 15:22	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 15:22	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 15:22	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 15:22	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 15:22	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 15:22	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 15:22	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 15:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-10

Lab Sample ID: 480-155113-11

Date Collected: 06/13/19 10:40

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 15:22	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 15:22	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 15:22	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 15:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	88		23 - 120	06/19/19 14:52	06/20/19 15:22	1
DCB Decachlorobiphenyl	91		23 - 120	06/19/19 14:52	06/20/19 15:22	1
Tetrachloro-m-xylene	73		44 - 120	06/19/19 14:52	06/20/19 15:22	1
Tetrachloro-m-xylene	64		44 - 120	06/19/19 14:52	06/20/19 15:22	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:43	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:43	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:43	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:43	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:43	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 17:43	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		36 - 121	06/21/19 15:56	06/24/19 17:43	1
DCB Decachlorobiphenyl	78		36 - 121	06/21/19 15:56	06/24/19 17:43	1
Tetrachloro-m-xylene	79		42 - 135	06/21/19 15:56	06/24/19 17:43	1
Tetrachloro-m-xylene	62		42 - 135	06/21/19 15:56	06/24/19 17:43	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.50		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 19:03	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 19:03	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 19:03	1
Barium	0.099		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 19:03	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 19:03	1
Cadmium	ND		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 19:03	1
Calcium	168		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:03	1
Chromium	0.0010	J	0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 19:03	1
Cobalt	0.00081	J	0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 19:03	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 19:03	1
Iron	0.83		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 19:03	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 19:03	1
Magnesium	48.0		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 19:03	1
Manganese	0.49		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 19:03	1
Nickel	0.0016	J	0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 19:03	1
Potassium	4.2		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:03	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 19:03	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 19:03	1
Sodium	192		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 19:03	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 19:03	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 19:03	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-10

Lab Sample ID: 480-155113-11

Date Collected: 06/13/19 10:40

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 19:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:44	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-12

Lab Sample ID: 480-155113-12

Date Collected: 06/14/19 11:45

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 14:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 14:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 14:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 14:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 14:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 14:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 14:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 14:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 14:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 14:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 14:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 14:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 14:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 14:37	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 14:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 14:37	1
Acetone	ND		10	3.0	ug/L			06/20/19 14:37	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 14:37	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 14:37	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 14:37	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 14:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 14:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 14:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 14:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 14:37	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 14:37	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 14:37	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 14:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 14:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 14:37	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 14:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 14:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 14:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 14:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 14:37	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 14:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 14:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 14:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 14:37	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 14:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 14:37	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 14:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 14:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 14:37	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 14:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 14:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 14:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 14:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-12

Lab Sample ID: 480-155113-12

Date Collected: 06/14/19 11:45

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120					06/20/19 14:37	1
1,2-Dichloroethane-d4 (Surr)	121	X	77 - 120					06/20/19 14:37	1
4-Bromofluorobenzene (Surr)	100		73 - 120					06/20/19 14:37	1
Dibromofluoromethane (Surr)	115		75 - 123					06/20/19 14:37	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 01:09	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 01:09	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 01:09	1
2,4,6-Trichlorophenol	ND	*	5.0	0.61	ug/L		06/19/19 14:59	06/27/19 01:09	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 01:09	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 01:09	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 01:09	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 01:09	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 01:09	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 01:09	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 01:09	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 01:09	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 01:09	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 01:09	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 01:09	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 01:09	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 01:09	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 01:09	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 01:09	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 01:09	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 01:09	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 01:09	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 01:09	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 01:09	1
4-Nitrophenol	ND	*	10	1.5	ug/L		06/19/19 14:59	06/27/19 01:09	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 01:09	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 01:09	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 01:09	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 01:09	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 01:09	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 01:09	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 01:09	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 01:09	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 01:09	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 01:09	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 01:09	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 01:09	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 01:09	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 01:09	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 01:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-12

Lab Sample ID: 480-155113-12

Date Collected: 06/14/19 11:45

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 01:09	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 01:09	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 01:09	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 01:09	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/27/19 01:09	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 01:09	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 01:09	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 01:09	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 01:09	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 01:09	1
Fluorene	0.48	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 01:09	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 01:09	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 01:09	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 01:09	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 01:09	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 01:09	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 01:09	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 01:09	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 01:09	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 01:09	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 01:09	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 01:09	1
Phenanthrene	2.3	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 01:09	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 01:09	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 01:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	94		46 - 120	06/19/19 14:59	06/27/19 01:09	1
Phenol-d5 (Surr)	48		22 - 120	06/19/19 14:59	06/27/19 01:09	1
p-Terphenyl-d14 (Surr)	87		59 - 136	06/19/19 14:59	06/27/19 01:09	1
2,4,6-Tribromophenol (Surr)	100		41 - 120	06/19/19 14:59	06/27/19 01:09	1
2-Fluorobiphenyl	101		48 - 120	06/19/19 14:59	06/27/19 01:09	1
2-Fluorophenol (Surr)	65		35 - 120	06/19/19 14:59	06/27/19 01:09	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.50	0.081	ug/L		06/19/19 14:52	06/20/19 15:42	1
alpha-BHC	ND		0.50	0.077	ug/L		06/19/19 14:52	06/20/19 15:42	1
beta-BHC	ND		0.50	0.25	ug/L		06/19/19 14:52	06/20/19 15:42	1
delta-BHC	ND		0.50	0.10	ug/L		06/19/19 14:52	06/20/19 15:42	1
gamma-BHC (Lindane)	ND		0.50	0.080	ug/L		06/19/19 14:52	06/20/19 15:42	1
Chlordane (technical)	ND		5.0	2.9	ug/L		06/19/19 14:52	06/20/19 15:42	1
4,4'-DDD	ND		0.50	0.092	ug/L		06/19/19 14:52	06/20/19 15:42	1
4,4'-DDE	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 15:42	1
4,4'-DDT	ND		0.50	0.11	ug/L		06/19/19 14:52	06/20/19 15:42	1
Dieldrin	ND		0.50	0.098	ug/L		06/19/19 14:52	06/20/19 15:42	1
Endosulfan I	ND		0.50	0.11	ug/L		06/19/19 14:52	06/20/19 15:42	1
Endosulfan II	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 15:42	1
Endosulfan sulfate	ND		0.50	0.16	ug/L		06/19/19 14:52	06/20/19 15:42	1
Endrin	ND		0.50	0.14	ug/L		06/19/19 14:52	06/20/19 15:42	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-12

Lab Sample ID: 480-155113-12

Date Collected: 06/14/19 11:45

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.50	0.16	ug/L		06/19/19 14:52	06/20/19 15:42	1
Heptachlor	ND		0.50	0.085	ug/L		06/19/19 14:52	06/20/19 15:42	1
Heptachlor epoxide	ND		0.50	0.074	ug/L		06/19/19 14:52	06/20/19 15:42	1
Toxaphene	ND		5.0	1.2	ug/L		06/19/19 14:52	06/20/19 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	88		23 - 120				06/19/19 14:52	06/20/19 15:42	1
DCB Decachlorobiphenyl	83		23 - 120				06/19/19 14:52	06/20/19 15:42	1
Tetrachloro-m-xylene	73		44 - 120				06/19/19 14:52	06/20/19 15:42	1
Tetrachloro-m-xylene	70		44 - 120				06/19/19 14:52	06/20/19 15:42	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:56	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:56	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:56	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:56	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 17:56	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 17:56	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	36		36 - 121				06/21/19 15:56	06/24/19 17:56	1
DCB Decachlorobiphenyl	34	X	36 - 121				06/21/19 15:56	06/24/19 17:56	1
Tetrachloro-m-xylene	59		42 - 135				06/21/19 15:56	06/24/19 17:56	1
Tetrachloro-m-xylene	46		42 - 135				06/21/19 15:56	06/24/19 17:56	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 19:07	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 19:07	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 19:07	1
Barium	0.088		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 19:07	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 19:07	1
Cadmium	ND		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 19:07	1
Calcium	89.1		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:07	1
Chromium	ND		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 19:07	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 19:07	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 19:07	1
Iron	0.10		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 19:07	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 19:07	1
Magnesium	34.4		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 19:07	1
Manganese	0.066		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 19:07	1
Nickel	0.0027	J	0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 19:07	1
Potassium	2.5		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:07	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 19:07	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 19:07	1
Sodium	24.0		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 19:07	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 19:07	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 19:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-12

Lab Sample ID: 480-155113-12

Date Collected: 06/14/19 11:45

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 19:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-16

Lab Sample ID: 480-155113-13

Date Collected: 06/12/19 10:55

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 15:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 15:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 15:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 15:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 15:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 15:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 15:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 15:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 15:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 15:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 15:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 15:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 15:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 15:01	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 15:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 15:01	1
Acetone	ND		10	3.0	ug/L			06/20/19 15:01	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 15:01	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 15:01	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 15:01	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 15:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 15:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 15:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 15:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 15:01	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 15:01	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 15:01	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 15:01	1
cis-1,2-Dichloroethene	31		1.0	0.81	ug/L			06/20/19 15:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 15:01	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 15:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 15:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 15:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 15:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 15:01	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 15:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 15:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 15:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 15:01	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 15:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 15:01	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 15:01	1
trans-1,2-Dichloroethene	1.0		1.0	0.90	ug/L			06/20/19 15:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 15:01	1
Trichloroethene	13		1.0	0.46	ug/L			06/20/19 15:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 15:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 15:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 15:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-16

Lab Sample ID: 480-155113-13

Date Collected: 06/12/19 10:55

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 15:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120					06/20/19 15:01	1
1,2-Dichloroethane-d4 (Surr)	111		77 - 120					06/20/19 15:01	1
4-Bromofluorobenzene (Surr)	98		73 - 120					06/20/19 15:01	1
Dibromofluoromethane (Surr)	107		75 - 123					06/20/19 15:01	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 01:37	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 01:37	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 01:37	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/27/19 01:37	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 01:37	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 01:37	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 01:37	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 01:37	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 01:37	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 01:37	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 01:37	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 01:37	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 01:37	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 01:37	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 01:37	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 01:37	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 01:37	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 01:37	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 01:37	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 01:37	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 01:37	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 01:37	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 01:37	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 01:37	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/27/19 01:37	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 01:37	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 01:37	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 01:37	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 01:37	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 01:37	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 01:37	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 01:37	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 01:37	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 01:37	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 01:37	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 01:37	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 01:37	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 01:37	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 01:37	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 01:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-16

Lab Sample ID: 480-155113-13

Date Collected: 06/12/19 10:55

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 01:37	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 01:37	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 01:37	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 01:37	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/27/19 01:37	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 01:37	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 01:37	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 01:37	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 01:37	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 01:37	1
Fluorene	0.51	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 01:37	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 01:37	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 01:37	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 01:37	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 01:37	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 01:37	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 01:37	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 01:37	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 01:37	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 01:37	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 01:37	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 01:37	1
Phenanthrene	2.1	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 01:37	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 01:37	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	92		46 - 120	06/19/19 14:59	06/27/19 01:37	1
Phenol-d5 (Surr)	50		22 - 120	06/19/19 14:59	06/27/19 01:37	1
p-Terphenyl-d14 (Surr)	85		59 - 136	06/19/19 14:59	06/27/19 01:37	1
2,4,6-Tribromophenol (Surr)	120		41 - 120	06/19/19 14:59	06/27/19 01:37	1
2-Fluorobiphenyl	100		48 - 120	06/19/19 14:59	06/27/19 01:37	1
2-Fluorophenol (Surr)	70		35 - 120	06/19/19 14:59	06/27/19 01:37	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 16:02	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 16:02	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 16:02	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 16:02	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 16:02	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 16:02	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 16:02	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 16:02	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 16:02	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 16:02	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 16:02	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 16:02	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 16:02	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 16:02	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-16

Lab Sample ID: 480-155113-13

Date Collected: 06/12/19 10:55

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 16:02	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 16:02	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 16:02	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		23 - 120				06/19/19 14:52	06/20/19 16:02	1
DCB Decachlorobiphenyl	89		23 - 120				06/19/19 14:52	06/20/19 16:02	1
Tetrachloro-m-xylene	84		44 - 120				06/19/19 14:52	06/20/19 16:02	1
Tetrachloro-m-xylene	83		44 - 120				06/19/19 14:52	06/20/19 16:02	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:09	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:09	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:09	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:09	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:09	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 18:09	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		36 - 121				06/21/19 15:56	06/24/19 18:09	1
DCB Decachlorobiphenyl	66		36 - 121				06/21/19 15:56	06/24/19 18:09	1
Tetrachloro-m-xylene	69		42 - 135				06/21/19 15:56	06/24/19 18:09	1
Tetrachloro-m-xylene	60		42 - 135				06/21/19 15:56	06/24/19 18:09	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 19:11	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 19:11	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 19:11	1
Barium	0.078		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 19:11	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 19:11	1
Cadmium	ND		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 19:11	1
Calcium	147		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:11	1
Chromium	ND		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 19:11	1
Cobalt	0.0011	J	0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 19:11	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 19:11	1
Iron	3.9		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 19:11	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 19:11	1
Magnesium	37.3		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 19:11	1
Manganese	0.38		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 19:11	1
Nickel	0.0013	J	0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 19:11	1
Potassium	2.4		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:11	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 19:11	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 19:11	1
Sodium	118		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 19:11	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 19:11	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 19:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-16

Lab Sample ID: 480-155113-13

Date Collected: 06/12/19 10:55

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 19:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:47	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-17

Lab Sample ID: 480-155113-14

Date Collected: 06/13/19 08:30

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 15:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 15:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 15:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 15:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 15:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 15:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 15:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 15:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 15:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 15:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 15:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 15:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 15:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 15:25	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 15:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 15:25	1
Acetone	ND		10	3.0	ug/L			06/20/19 15:25	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 15:25	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 15:25	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 15:25	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 15:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 15:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 15:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 15:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 15:25	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 15:25	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 15:25	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 15:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 15:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 15:25	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 15:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 15:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 15:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 15:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 15:25	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 15:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 15:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 15:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 15:25	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 15:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 15:25	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 15:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 15:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 15:25	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 15:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 15:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 15:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 15:25	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-17

Lab Sample ID: 480-155113-14

Date Collected: 06/13/19 08:30

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120					06/20/19 15:25	1
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					06/20/19 15:25	1
4-Bromofluorobenzene (Surr)	105		73 - 120					06/20/19 15:25	1
Dibromofluoromethane (Surr)	92		75 - 123					06/20/19 15:25	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 02:05	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 02:05	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 02:05	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/27/19 02:05	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 02:05	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 02:05	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 02:05	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 02:05	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 02:05	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 02:05	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 02:05	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 02:05	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 02:05	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 02:05	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 02:05	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 02:05	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 02:05	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 02:05	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 02:05	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 02:05	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 02:05	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 02:05	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 02:05	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 02:05	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/27/19 02:05	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 02:05	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 02:05	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 02:05	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 02:05	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 02:05	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 02:05	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 02:05	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 02:05	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 02:05	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 02:05	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 02:05	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 02:05	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 02:05	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 02:05	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 02:05	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-17

Lab Sample ID: 480-155113-14

Date Collected: 06/13/19 08:30

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 02:05	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 02:05	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 02:05	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 02:05	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/27/19 02:05	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 02:05	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 02:05	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 02:05	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 02:05	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 02:05	1
Fluorene	0.50	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 02:05	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 02:05	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 02:05	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 02:05	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 02:05	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 02:05	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 02:05	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 02:05	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 02:05	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 02:05	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 02:05	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 02:05	1
Phenanthrene	2.2	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 02:05	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 02:05	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	91		46 - 120	06/19/19 14:59	06/27/19 02:05	1
Phenol-d5 (Surr)	52		22 - 120	06/19/19 14:59	06/27/19 02:05	1
p-Terphenyl-d14 (Surr)	91		59 - 136	06/19/19 14:59	06/27/19 02:05	1
2,4,6-Tribromophenol (Surr)	108		41 - 120	06/19/19 14:59	06/27/19 02:05	1
2-Fluorobiphenyl	96		48 - 120	06/19/19 14:59	06/27/19 02:05	1
2-Fluorophenol (Surr)	70		35 - 120	06/19/19 14:59	06/27/19 02:05	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 16:21	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 16:21	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 16:21	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 16:21	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 16:21	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 16:21	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 16:21	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 16:21	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 16:21	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 16:21	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 16:21	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 16:21	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 16:21	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 16:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-17

Lab Sample ID: 480-155113-14

Date Collected: 06/13/19 08:30

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 16:21	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 16:21	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 16:21	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 16:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		23 - 120				06/19/19 14:52	06/20/19 16:21	1
DCB Decachlorobiphenyl	93		23 - 120				06/19/19 14:52	06/20/19 16:21	1
Tetrachloro-m-xylene	85		44 - 120				06/19/19 14:52	06/20/19 16:21	1
Tetrachloro-m-xylene	78		44 - 120				06/19/19 14:52	06/20/19 16:21	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:22	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:22	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:22	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:22	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:22	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 18:22	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	83		36 - 121				06/21/19 15:56	06/24/19 18:22	1
DCB Decachlorobiphenyl	77		36 - 121				06/21/19 15:56	06/24/19 18:22	1
Tetrachloro-m-xylene	72		42 - 135				06/21/19 15:56	06/24/19 18:22	1
Tetrachloro-m-xylene	60		42 - 135				06/21/19 15:56	06/24/19 18:22	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.23		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 19:14	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 19:14	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 19:14	1
Barium	0.048		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 19:14	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 19:14	1
Cadmium	0.00054	J	0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 19:14	1
Calcium	110		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:14	1
Chromium	0.0018	J	0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 19:14	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 19:14	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 19:14	1
Iron	4.4		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 19:14	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 19:14	1
Magnesium	29.0		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 19:14	1
Manganese	0.49		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 19:14	1
Nickel	0.0042	J	0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 19:14	1
Potassium	2.5		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:14	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 19:14	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 19:14	1
Sodium	78.5		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 19:14	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 19:14	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 19:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-17

Lab Sample ID: 480-155113-14

Date Collected: 06/13/19 08:30

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 19:14	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:48	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-22

Lab Sample ID: 480-155113-15

Date Collected: 06/13/19 14:15

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 15:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 15:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 15:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 15:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 15:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 15:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 15:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 15:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 15:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 15:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 15:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 15:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 15:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 15:50	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 15:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 15:50	1
Acetone	ND		10	3.0	ug/L			06/20/19 15:50	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 15:50	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 15:50	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 15:50	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 15:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 15:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 15:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 15:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 15:50	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 15:50	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 15:50	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 15:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 15:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 15:50	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 15:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 15:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 15:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 15:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 15:50	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 15:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 15:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 15:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 15:50	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 15:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 15:50	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 15:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 15:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 15:50	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 15:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 15:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 15:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 15:50	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-22

Lab Sample ID: 480-155113-15

Date Collected: 06/13/19 14:15

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 15:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		80 - 120					06/20/19 15:50	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120					06/20/19 15:50	1
4-Bromofluorobenzene (Surr)	101		73 - 120					06/20/19 15:50	1
Dibromofluoromethane (Surr)	105		75 - 123					06/20/19 15:50	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 02:33	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 02:33	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 02:33	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/27/19 02:33	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 02:33	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 02:33	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 02:33	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 02:33	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 02:33	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 02:33	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 02:33	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 02:33	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 02:33	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 02:33	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 02:33	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 02:33	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 02:33	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 02:33	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 02:33	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 02:33	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 02:33	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 02:33	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 02:33	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 02:33	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/27/19 02:33	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 02:33	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 02:33	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 02:33	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 02:33	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 02:33	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 02:33	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 02:33	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 02:33	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 02:33	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 02:33	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 02:33	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 02:33	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 02:33	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 02:33	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 02:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-22

Lab Sample ID: 480-155113-15

Date Collected: 06/13/19 14:15

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 02:33	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 02:33	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 02:33	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 02:33	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/27/19 02:33	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 02:33	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 02:33	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 02:33	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 02:33	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 02:33	1
Fluorene	0.43	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 02:33	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 02:33	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 02:33	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 02:33	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 02:33	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 02:33	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 02:33	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 02:33	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 02:33	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 02:33	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 02:33	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 02:33	1
Phenanthrene	2.1	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 02:33	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 02:33	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 02:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	94		46 - 120	06/19/19 14:59	06/27/19 02:33	1
Phenol-d5 (Surr)	51		22 - 120	06/19/19 14:59	06/27/19 02:33	1
p-Terphenyl-d14 (Surr)	89		59 - 136	06/19/19 14:59	06/27/19 02:33	1
2,4,6-Tribromophenol (Surr)	108		41 - 120	06/19/19 14:59	06/27/19 02:33	1
2-Fluorobiphenyl	98		48 - 120	06/19/19 14:59	06/27/19 02:33	1
2-Fluorophenol (Surr)	72		35 - 120	06/19/19 14:59	06/27/19 02:33	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 16:41	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 16:41	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 16:41	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 16:41	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 16:41	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 16:41	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 16:41	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 16:41	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 16:41	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 16:41	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 16:41	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 16:41	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 16:41	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 16:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-22

Lab Sample ID: 480-155113-15

Date Collected: 06/13/19 14:15

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 16:41	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 16:41	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 16:41	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		23 - 120				06/19/19 14:52	06/20/19 16:41	1
DCB Decachlorobiphenyl	82		23 - 120				06/19/19 14:52	06/20/19 16:41	1
Tetrachloro-m-xylene	72		44 - 120				06/19/19 14:52	06/20/19 16:41	1
Tetrachloro-m-xylene	64		44 - 120				06/19/19 14:52	06/20/19 16:41	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:34	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:34	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:34	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:34	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 18:34	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 18:34	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		36 - 121				06/21/19 15:56	06/24/19 18:34	1
DCB Decachlorobiphenyl	72		36 - 121				06/21/19 15:56	06/24/19 18:34	1
Tetrachloro-m-xylene	78		42 - 135				06/21/19 15:56	06/24/19 18:34	1
Tetrachloro-m-xylene	59		42 - 135				06/21/19 15:56	06/24/19 18:34	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16.6		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 19:18	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 19:18	1
Arsenic	0.013	J	0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 19:18	1
Barium	0.50		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 19:18	1
Beryllium	0.0018	J	0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 19:18	1
Cadmium	0.025		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 19:18	1
Calcium	123		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:18	1
Chromium	0.094		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 19:18	1
Cobalt	0.044		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 19:18	1
Copper	0.059		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 19:18	1
Iron	24.9		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 19:18	1
Lead	0.060		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 19:18	1
Magnesium	33.5		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 19:18	1
Manganese	1.1		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 19:18	1
Nickel	0.21		0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 19:18	1
Potassium	3.5		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:18	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 19:18	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 19:18	1
Sodium	10.8		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 19:18	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 19:18	1
Vanadium	0.058		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 19:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-22

Lab Sample ID: 480-155113-15

Date Collected: 06/13/19 14:15

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	3.7		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 19:18	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00017	J	0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:50	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-24

Lab Sample ID: 480-155113-16

Date Collected: 06/13/19 12:25

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 16:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 16:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 16:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 16:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 16:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 16:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 16:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 16:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 16:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 16:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 16:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 16:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 16:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 16:13	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 16:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 16:13	1
Acetone	ND		10	3.0	ug/L			06/20/19 16:13	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 16:13	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 16:13	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 16:13	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 16:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 16:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 16:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 16:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 16:13	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 16:13	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 16:13	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 16:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 16:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 16:13	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 16:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 16:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 16:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 16:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 16:13	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 16:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 16:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 16:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 16:13	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 16:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 16:13	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 16:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 16:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 16:13	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 16:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 16:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 16:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 16:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-24

Lab Sample ID: 480-155113-16

Date Collected: 06/13/19 12:25

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 16:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120					06/20/19 16:13	1
1,2-Dichloroethane-d4 (Surr)	98		77 - 120					06/20/19 16:13	1
4-Bromofluorobenzene (Surr)	100		73 - 120					06/20/19 16:13	1
Dibromofluoromethane (Surr)	103		75 - 123					06/20/19 16:13	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 04:52	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 04:52	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 04:52	1
2,4,6-Trichlorophenol	ND	*	5.0	0.61	ug/L		06/19/19 14:59	06/27/19 04:52	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 04:52	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 04:52	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 04:52	1
2,4-Dinitrotoluene	0.45	J	5.0	0.45	ug/L		06/19/19 14:59	06/27/19 04:52	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 04:52	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 04:52	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 04:52	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 04:52	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 04:52	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 04:52	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 04:52	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 04:52	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 04:52	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 04:52	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 04:52	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 04:52	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 04:52	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 04:52	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 04:52	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 04:52	1
4-Nitrophenol	ND	*	10	1.5	ug/L		06/19/19 14:59	06/27/19 04:52	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 04:52	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 04:52	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 04:52	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 04:52	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 04:52	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 04:52	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 04:52	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 04:52	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 04:52	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 04:52	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 04:52	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 04:52	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 04:52	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 04:52	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 04:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-24

Lab Sample ID: 480-155113-16

Date Collected: 06/13/19 12:25

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 04:52	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 04:52	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 04:52	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 04:52	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/27/19 04:52	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 04:52	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 04:52	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 04:52	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 04:52	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 04:52	1
Fluorene	0.42	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 04:52	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 04:52	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 04:52	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 04:52	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 04:52	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 04:52	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 04:52	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 04:52	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 04:52	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 04:52	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 04:52	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 04:52	1
Phenanthrene	2.0	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 04:52	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 04:52	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	87		46 - 120	06/19/19 14:59	06/27/19 04:52	1
Phenol-d5 (Surr)	45		22 - 120	06/19/19 14:59	06/27/19 04:52	1
p-Terphenyl-d14 (Surr)	78		59 - 136	06/19/19 14:59	06/27/19 04:52	1
2,4,6-Tribromophenol (Surr)	111		41 - 120	06/19/19 14:59	06/27/19 04:52	1
2-Fluorobiphenyl	94		48 - 120	06/19/19 14:59	06/27/19 04:52	1
2-Fluorophenol (Surr)	63		35 - 120	06/19/19 14:59	06/27/19 04:52	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 17:01	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 17:01	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 17:01	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 17:01	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 17:01	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 17:01	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 17:01	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 17:01	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 17:01	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 17:01	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 17:01	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 17:01	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 17:01	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 17:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-24

Lab Sample ID: 480-155113-16

Date Collected: 06/13/19 12:25

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 17:01	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 17:01	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 17:01	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 17:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	89		23 - 120				06/19/19 14:52	06/20/19 17:01	1
DCB Decachlorobiphenyl	94		23 - 120				06/19/19 14:52	06/20/19 17:01	1
Tetrachloro-m-xylene	82		44 - 120				06/19/19 14:52	06/20/19 17:01	1
Tetrachloro-m-xylene	68		44 - 120				06/19/19 14:52	06/20/19 17:01	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.12	0.076	ug/L		06/21/19 15:56	06/24/19 18:47	2
PCB-1221	ND		0.12	0.076	ug/L		06/21/19 15:56	06/24/19 18:47	2
PCB-1232	ND		0.12	0.076	ug/L		06/21/19 15:56	06/24/19 18:47	2
PCB-1242	ND		0.12	0.076	ug/L		06/21/19 15:56	06/24/19 18:47	2
PCB-1248	ND		0.12	0.076	ug/L		06/21/19 15:56	06/24/19 18:47	2
PCB-1254	ND		0.12	0.062	ug/L		06/21/19 15:56	06/24/19 18:47	2
PCB-1260	ND		0.12	0.062	ug/L		06/21/19 15:56	06/24/19 18:47	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		36 - 121				06/21/19 15:56	06/24/19 18:47	2
DCB Decachlorobiphenyl	68		36 - 121				06/21/19 15:56	06/24/19 18:47	2
Tetrachloro-m-xylene	80		42 - 135				06/21/19 15:56	06/24/19 18:47	2
Tetrachloro-m-xylene	60		42 - 135				06/21/19 15:56	06/24/19 18:47	2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.18	J	0.20	0.060	mg/L		06/20/19 07:32	06/20/19 19:22	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 19:22	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 19:22	1
Barium	0.18		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 19:22	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 19:22	1
Cadmium	0.00052	J	0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 19:22	1
Calcium	130		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:22	1
Chromium	ND		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 19:22	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 19:22	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 19:22	1
Iron	1.3		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 19:22	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 19:22	1
Magnesium	26.2		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 19:22	1
Manganese	0.10		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 19:22	1
Nickel	0.0091	J	0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 19:22	1
Potassium	1.9		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:22	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 19:22	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 19:22	1
Sodium	12.6		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 19:22	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 19:22	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 19:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-24

Lab Sample ID: 480-155113-16

Date Collected: 06/13/19 12:25

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 19:22	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:51	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-25

Lab Sample ID: 480-155113-17

Date Collected: 06/13/19 12:05

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			06/20/19 16:38	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			06/20/19 16:38	4
1,1,2-Trichloroethane	ND	F2	4.0	0.92	ug/L			06/20/19 16:38	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	4.0	1.2	ug/L			06/20/19 16:38	4
1,1-Dichloroethane	ND	F2	4.0	1.5	ug/L			06/20/19 16:38	4
1,1-Dichloroethene	ND	F2 F1	4.0	1.2	ug/L			06/20/19 16:38	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			06/20/19 16:38	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			06/20/19 16:38	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			06/20/19 16:38	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			06/20/19 16:38	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			06/20/19 16:38	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			06/20/19 16:38	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			06/20/19 16:38	4
2-Butanone (MEK)	ND		40	5.3	ug/L			06/20/19 16:38	4
2-Hexanone	ND		20	5.0	ug/L			06/20/19 16:38	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			06/20/19 16:38	4
Acetone	ND	F2	40	12	ug/L			06/20/19 16:38	4
Benzene	ND		4.0	1.6	ug/L			06/20/19 16:38	4
Bromodichloromethane	ND	*	4.0	1.6	ug/L			06/20/19 16:38	4
Bromoform	ND		4.0	1.0	ug/L			06/20/19 16:38	4
Bromomethane	ND		4.0	2.8	ug/L			06/20/19 16:38	4
Carbon disulfide	ND	F2	4.0	0.76	ug/L			06/20/19 16:38	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			06/20/19 16:38	4
Chlorobenzene	ND		4.0	3.0	ug/L			06/20/19 16:38	4
Dibromochloromethane	ND		4.0	1.3	ug/L			06/20/19 16:38	4
Chloroethane	ND		4.0	1.3	ug/L			06/20/19 16:38	4
Chloroform	ND		4.0	1.4	ug/L			06/20/19 16:38	4
Chloromethane	ND		4.0	1.4	ug/L			06/20/19 16:38	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			06/20/19 16:38	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			06/20/19 16:38	4
Cyclohexane	ND		4.0	0.72	ug/L			06/20/19 16:38	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			06/20/19 16:38	4
Ethylbenzene	ND		4.0	3.0	ug/L			06/20/19 16:38	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			06/20/19 16:38	4
Isopropylbenzene	ND		4.0	3.2	ug/L			06/20/19 16:38	4
Methyl acetate	ND	F2	10	5.2	ug/L			06/20/19 16:38	4
Methyl tert-butyl ether	ND	F1	4.0	0.64	ug/L			06/20/19 16:38	4
Methylcyclohexane	ND		4.0	0.64	ug/L			06/20/19 16:38	4
Methylene Chloride	ND	F2	4.0	1.8	ug/L			06/20/19 16:38	4
Styrene	ND		4.0	2.9	ug/L			06/20/19 16:38	4
Tetrachloroethene	ND		4.0	1.4	ug/L			06/20/19 16:38	4
Toluene	ND		4.0	2.0	ug/L			06/20/19 16:38	4
trans-1,2-Dichloroethene	ND	F2 F1	4.0	3.6	ug/L			06/20/19 16:38	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			06/20/19 16:38	4
Trichloroethene	ND		4.0	1.8	ug/L			06/20/19 16:38	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			06/20/19 16:38	4
Vinyl chloride	ND		4.0	3.6	ug/L			06/20/19 16:38	4
Xylenes, Total	ND		8.0	2.6	ug/L			06/20/19 16:38	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-25

Lab Sample ID: 480-155113-17

Date Collected: 06/13/19 12:05

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 16:38	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120					06/20/19 16:38	4
1,2-Dichloroethane-d4 (Surr)	114		77 - 120					06/20/19 16:38	4
4-Bromofluorobenzene (Surr)	110		73 - 120					06/20/19 16:38	4
Dibromofluoromethane (Surr)	112		75 - 123					06/20/19 16:38	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 05:20	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 05:20	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 05:20	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/27/19 05:20	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 05:20	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 05:20	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 05:20	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 05:20	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 05:20	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 05:20	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 05:20	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 05:20	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 05:20	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 05:20	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 05:20	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 05:20	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 05:20	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 05:20	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 05:20	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 05:20	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 05:20	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 05:20	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 05:20	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 05:20	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/27/19 05:20	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 05:20	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 05:20	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 05:20	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 05:20	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 05:20	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 05:20	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 05:20	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 05:20	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 05:20	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 05:20	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 05:20	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 05:20	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 05:20	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 05:20	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 05:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-25

Lab Sample ID: 480-155113-17

Date Collected: 06/13/19 12:05

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 05:20	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 05:20	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 05:20	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 05:20	1
Di-n-butyl phthalate	0.55	J	5.0	0.31	ug/L		06/19/19 14:59	06/27/19 05:20	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 05:20	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 05:20	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 05:20	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 05:20	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 05:20	1
Fluorene	0.44	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 05:20	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 05:20	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 05:20	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 05:20	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 05:20	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 05:20	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 05:20	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 05:20	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 05:20	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 05:20	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 05:20	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 05:20	1
Phenanthrene	2.0	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 05:20	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 05:20	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 05:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	82		46 - 120	06/19/19 14:59	06/27/19 05:20	1
Phenol-d5 (Surr)	45		22 - 120	06/19/19 14:59	06/27/19 05:20	1
p-Terphenyl-d14 (Surr)	78		59 - 136	06/19/19 14:59	06/27/19 05:20	1
2,4,6-Tribromophenol (Surr)	112		41 - 120	06/19/19 14:59	06/27/19 05:20	1
2-Fluorobiphenyl	93		48 - 120	06/19/19 14:59	06/27/19 05:20	1
2-Fluorophenol (Surr)	61		35 - 120	06/19/19 14:59	06/27/19 05:20	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 17:21	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 17:21	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 17:21	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 17:21	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 17:21	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 17:21	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 17:21	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 17:21	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 17:21	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 17:21	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 17:21	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 17:21	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 17:21	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 17:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-25

Lab Sample ID: 480-155113-17

Date Collected: 06/13/19 12:05

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 17:21	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 17:21	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 17:21	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 17:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		23 - 120				06/19/19 14:52	06/20/19 17:21	1
DCB Decachlorobiphenyl	79		23 - 120				06/19/19 14:52	06/20/19 17:21	1
Tetrachloro-m-xylene	66		44 - 120				06/19/19 14:52	06/20/19 17:21	1
Tetrachloro-m-xylene	57		44 - 120				06/19/19 14:52	06/20/19 17:21	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:00	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:00	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:00	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:00	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:00	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 19:00	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		36 - 121				06/21/19 15:56	06/24/19 19:00	1
DCB Decachlorobiphenyl	73		36 - 121				06/21/19 15:56	06/24/19 19:00	1
Tetrachloro-m-xylene	68		42 - 135				06/21/19 15:56	06/24/19 19:00	1
Tetrachloro-m-xylene	56		42 - 135				06/21/19 15:56	06/24/19 19:00	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 19:37	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 19:37	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 19:37	1
Barium	0.063		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 19:37	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 19:37	1
Cadmium	0.00061	J	0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 19:37	1
Calcium	167		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:37	1
Chromium	ND		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 19:37	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 19:37	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 19:37	1
Iron	0.38		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 19:37	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 19:37	1
Magnesium	70.8		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 19:37	1
Manganese	0.20		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 19:37	1
Nickel	0.0063	J	0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 19:37	1
Potassium	2.0		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:37	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 19:37	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 19:37	1
Sodium	20.1		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 19:37	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 19:37	1
Vanadium	0.0022	J	0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 19:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-25

Lab Sample ID: 480-155113-17

Date Collected: 06/13/19 12:05

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 19:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:52	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-28

Lab Sample ID: 480-155113-18

Date Collected: 06/14/19 09:00

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 17:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 17:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 17:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 17:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 17:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 17:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 17:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 17:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 17:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 17:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 17:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 17:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 17:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 17:02	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 17:02	1
Acetone	ND		10	3.0	ug/L			06/20/19 17:02	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 17:02	1
Bromodichloromethane	ND	*	1.0	0.39	ug/L			06/20/19 17:02	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 17:02	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 17:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 17:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 17:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 17:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 17:02	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 17:02	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 17:02	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 17:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 17:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 17:02	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 17:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 17:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 17:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 17:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 17:02	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 17:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 17:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 17:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 17:02	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 17:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 17:02	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 17:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 17:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 17:02	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 17:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 17:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 17:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 17:02	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-28

Lab Sample ID: 480-155113-18

Date Collected: 06/14/19 09:00

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/20/19 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120					06/20/19 17:02	1
1,2-Dichloroethane-d4 (Surr)	114		77 - 120					06/20/19 17:02	1
4-Bromofluorobenzene (Surr)	100		73 - 120					06/20/19 17:02	1
Dibromofluoromethane (Surr)	106		75 - 123					06/20/19 17:02	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 05:48	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 05:48	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 05:48	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/27/19 05:48	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 05:48	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 05:48	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 05:48	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 05:48	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 05:48	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 05:48	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 05:48	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 05:48	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 05:48	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 05:48	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 05:48	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 05:48	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 05:48	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 05:48	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 05:48	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 05:48	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 05:48	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 05:48	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 05:48	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 05:48	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/27/19 05:48	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 05:48	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 05:48	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 05:48	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 05:48	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 05:48	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 05:48	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 05:48	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 05:48	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 05:48	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 05:48	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 05:48	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 05:48	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 05:48	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 05:48	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 05:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-28

Lab Sample ID: 480-155113-18

Date Collected: 06/14/19 09:00

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 05:48	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 05:48	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 05:48	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 05:48	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/27/19 05:48	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 05:48	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 05:48	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 05:48	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 05:48	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 05:48	1
Fluorene	0.44	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 05:48	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 05:48	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 05:48	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 05:48	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 05:48	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 05:48	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 05:48	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 05:48	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 05:48	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 05:48	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 05:48	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 05:48	1
Phenanthrene	2.0	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 05:48	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 05:48	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 05:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	105		46 - 120	06/19/19 14:59	06/27/19 05:48	1
Phenol-d5 (Surr)	63		22 - 120	06/19/19 14:59	06/27/19 05:48	1
p-Terphenyl-d14 (Surr)	109		59 - 136	06/19/19 14:59	06/27/19 05:48	1
2,4,6-Tribromophenol (Surr)	126	X	41 - 120	06/19/19 14:59	06/27/19 05:48	1
2-Fluorobiphenyl	115		48 - 120	06/19/19 14:59	06/27/19 05:48	1
2-Fluorophenol (Surr)	80		35 - 120	06/19/19 14:59	06/27/19 05:48	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 17:40	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 17:40	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 17:40	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 17:40	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 17:40	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 17:40	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 17:40	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 17:40	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 17:40	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 17:40	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 17:40	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 17:40	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 17:40	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 17:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-28

Lab Sample ID: 480-155113-18

Date Collected: 06/14/19 09:00

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 17:40	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 17:40	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 17:40	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 17:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	88		23 - 120				06/19/19 14:52	06/20/19 17:40	1
DCB Decachlorobiphenyl	90		23 - 120				06/19/19 14:52	06/20/19 17:40	1
Tetrachloro-m-xylene	83		44 - 120				06/19/19 14:52	06/20/19 17:40	1
Tetrachloro-m-xylene	67		44 - 120				06/19/19 14:52	06/20/19 17:40	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:13	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:13	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:13	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:13	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:13	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 19:13	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		36 - 121				06/21/19 15:56	06/24/19 19:13	1
DCB Decachlorobiphenyl	75		36 - 121				06/21/19 15:56	06/24/19 19:13	1
Tetrachloro-m-xylene	81		42 - 135				06/21/19 15:56	06/24/19 19:13	1
Tetrachloro-m-xylene	68		42 - 135				06/21/19 15:56	06/24/19 19:13	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 19:41	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 19:41	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 19:41	1
Barium	1.3		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 19:41	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 19:41	1
Cadmium	ND		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 19:41	1
Calcium	63.0		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:41	1
Chromium	ND		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 19:41	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 19:41	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 19:41	1
Iron	2.8		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 19:41	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 19:41	1
Magnesium	24.2		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 19:41	1
Manganese	0.31		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 19:41	1
Nickel	ND		0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 19:41	1
Potassium	2.4		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:41	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 19:41	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 19:41	1
Sodium	42.2		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 19:41	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 19:41	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 19:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-28

Lab Sample ID: 480-155113-18

Date Collected: 06/14/19 09:00

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 19:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:53	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-30

Lab Sample ID: 480-155113-19

Date Collected: 06/14/19 11:30

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/21/19 01:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/21/19 01:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/21/19 01:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/21/19 01:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/21/19 01:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/21/19 01:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/21/19 01:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/21/19 01:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/21/19 01:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/21/19 01:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/21/19 01:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/21/19 01:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/21/19 01:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/21/19 01:49	1
2-Hexanone	ND		5.0	1.2	ug/L			06/21/19 01:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/21/19 01:49	1
Acetone	ND		10	3.0	ug/L			06/21/19 01:49	1
Benzene	ND		1.0	0.41	ug/L			06/21/19 01:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/21/19 01:49	1
Bromoform	ND		1.0	0.26	ug/L			06/21/19 01:49	1
Bromomethane	ND		1.0	0.69	ug/L			06/21/19 01:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/21/19 01:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/21/19 01:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/21/19 01:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/21/19 01:49	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 01:49	1
Chloroform	ND		1.0	0.34	ug/L			06/21/19 01:49	1
Chloromethane	ND		1.0	0.35	ug/L			06/21/19 01:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/21/19 01:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/21/19 01:49	1
Cyclohexane	ND		1.0	0.18	ug/L			06/21/19 01:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/21/19 01:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/21/19 01:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/21/19 01:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/21/19 01:49	1
Methyl acetate	ND		2.5	1.3	ug/L			06/21/19 01:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/21/19 01:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/21/19 01:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/21/19 01:49	1
Styrene	ND		1.0	0.73	ug/L			06/21/19 01:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/21/19 01:49	1
Toluene	ND		1.0	0.51	ug/L			06/21/19 01:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/21/19 01:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/21/19 01:49	1
Trichloroethene	ND		1.0	0.46	ug/L			06/21/19 01:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/21/19 01:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/21/19 01:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/21/19 01:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-30

Lab Sample ID: 480-155113-19

Date Collected: 06/14/19 11:30

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/21/19 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	110		80 - 120					06/21/19 01:49	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					06/21/19 01:49	1
4-Bromofluorobenzene (Surr)	95		73 - 120					06/21/19 01:49	1
Dibromofluoromethane (Surr)	103		75 - 123					06/21/19 01:49	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 06:16	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 06:16	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 06:16	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/27/19 06:16	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 06:16	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 06:16	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 06:16	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 06:16	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 06:16	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 06:16	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 06:16	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 06:16	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 06:16	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 06:16	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 06:16	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 06:16	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 06:16	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 06:16	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 06:16	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 06:16	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 06:16	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 06:16	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 06:16	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 06:16	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/27/19 06:16	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 06:16	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 06:16	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 06:16	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 06:16	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 06:16	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 06:16	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 06:16	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 06:16	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 06:16	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 06:16	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 06:16	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 06:16	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 06:16	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 06:16	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 06:16	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-30

Lab Sample ID: 480-155113-19

Date Collected: 06/14/19 11:30

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 06:16	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 06:16	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 06:16	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 06:16	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/27/19 06:16	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 06:16	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 06:16	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 06:16	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 06:16	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 06:16	1
Fluorene	0.49	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 06:16	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 06:16	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 06:16	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 06:16	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 06:16	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 06:16	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 06:16	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 06:16	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 06:16	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 06:16	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 06:16	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 06:16	1
Phenanthrene	2.2	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 06:16	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 06:16	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 06:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	92		46 - 120	06/19/19 14:59	06/27/19 06:16	1
Phenol-d5 (Surr)	50		22 - 120	06/19/19 14:59	06/27/19 06:16	1
p-Terphenyl-d14 (Surr)	74		59 - 136	06/19/19 14:59	06/27/19 06:16	1
2,4,6-Tribromophenol (Surr)	107		41 - 120	06/19/19 14:59	06/27/19 06:16	1
2-Fluorobiphenyl	97		48 - 120	06/19/19 14:59	06/27/19 06:16	1
2-Fluorophenol (Surr)	70		35 - 120	06/19/19 14:59	06/27/19 06:16	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.50	0.081	ug/L		06/20/19 15:44	06/21/19 11:55	1
alpha-BHC	ND		0.50	0.077	ug/L		06/20/19 15:44	06/21/19 11:55	1
beta-BHC	ND		0.50	0.25	ug/L		06/20/19 15:44	06/21/19 11:55	1
delta-BHC	ND		0.50	0.10	ug/L		06/20/19 15:44	06/21/19 11:55	1
gamma-BHC (Lindane)	ND		0.50	0.080	ug/L		06/20/19 15:44	06/21/19 11:55	1
Chlordane (technical)	ND		5.0	2.9	ug/L		06/20/19 15:44	06/21/19 11:55	1
4,4'-DDD	ND		0.50	0.092	ug/L		06/20/19 15:44	06/21/19 11:55	1
4,4'-DDE	ND		0.50	0.12	ug/L		06/20/19 15:44	06/21/19 11:55	1
4,4'-DDT	ND		0.50	0.11	ug/L		06/20/19 15:44	06/21/19 11:55	1
Dieldrin	ND		0.50	0.098	ug/L		06/20/19 15:44	06/21/19 11:55	1
Endosulfan I	ND		0.50	0.11	ug/L		06/20/19 15:44	06/21/19 11:55	1
Endosulfan II	ND		0.50	0.12	ug/L		06/20/19 15:44	06/21/19 11:55	1
Endosulfan sulfate	ND	*	0.50	0.16	ug/L		06/20/19 15:44	06/21/19 11:55	1
Endrin	ND		0.50	0.14	ug/L		06/20/19 15:44	06/21/19 11:55	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-30

Lab Sample ID: 480-155113-19

Date Collected: 06/14/19 11:30

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.50	0.16	ug/L		06/20/19 15:44	06/21/19 11:55	1
Heptachlor	ND		0.50	0.085	ug/L		06/20/19 15:44	06/21/19 11:55	1
Heptachlor epoxide	ND		0.50	0.074	ug/L		06/20/19 15:44	06/21/19 11:55	1
Toxaphene	ND		5.0	1.2	ug/L		06/20/19 15:44	06/21/19 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		23 - 120				06/20/19 15:44	06/21/19 11:55	1
DCB Decachlorobiphenyl	89		23 - 120				06/20/19 15:44	06/21/19 11:55	1
Tetrachloro-m-xylene	73		44 - 120				06/20/19 15:44	06/21/19 11:55	1
Tetrachloro-m-xylene	87		44 - 120				06/20/19 15:44	06/21/19 11:55	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:51	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:51	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:51	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:51	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 19:51	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 19:51	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72		36 - 121				06/21/19 15:56	06/24/19 19:51	1
DCB Decachlorobiphenyl	62		36 - 121				06/21/19 15:56	06/24/19 19:51	1
Tetrachloro-m-xylene	73		42 - 135				06/21/19 15:56	06/24/19 19:51	1
Tetrachloro-m-xylene	58		42 - 135				06/21/19 15:56	06/24/19 19:51	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 19:45	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 19:45	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 19:45	1
Barium	0.28		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 19:45	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 19:45	1
Cadmium	0.00068 J		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 19:45	1
Calcium	109		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:45	1
Chromium	0.0021 J		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 19:45	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 19:45	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 19:45	1
Iron	6.1		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 19:45	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 19:45	1
Magnesium	33.0		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 19:45	1
Manganese	0.74		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 19:45	1
Nickel	ND		0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 19:45	1
Potassium	2.9		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:45	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 19:45	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 19:45	1
Sodium	97.5		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 19:45	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 19:45	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 19:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-30

Lab Sample ID: 480-155113-19

Date Collected: 06/14/19 11:30

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 19:45	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/24/19 11:52	06/24/19 14:46	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-5

Lab Sample ID: 480-155113-20

Date Collected: 06/12/19 09:40

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/21/19 02:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/21/19 02:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/21/19 02:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/21/19 02:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/21/19 02:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/21/19 02:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/21/19 02:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/21/19 02:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/21/19 02:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/21/19 02:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/21/19 02:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/21/19 02:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/21/19 02:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/21/19 02:13	1
2-Hexanone	ND		5.0	1.2	ug/L			06/21/19 02:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/21/19 02:13	1
Acetone	ND		10	3.0	ug/L			06/21/19 02:13	1
Benzene	ND		1.0	0.41	ug/L			06/21/19 02:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/21/19 02:13	1
Bromoform	ND		1.0	0.26	ug/L			06/21/19 02:13	1
Bromomethane	ND		1.0	0.69	ug/L			06/21/19 02:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/21/19 02:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/21/19 02:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/21/19 02:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/21/19 02:13	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 02:13	1
Chloroform	ND		1.0	0.34	ug/L			06/21/19 02:13	1
Chloromethane	ND		1.0	0.35	ug/L			06/21/19 02:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/21/19 02:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/21/19 02:13	1
Cyclohexane	ND		1.0	0.18	ug/L			06/21/19 02:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/21/19 02:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/21/19 02:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/21/19 02:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/21/19 02:13	1
Methyl acetate	ND		2.5	1.3	ug/L			06/21/19 02:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/21/19 02:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/21/19 02:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/21/19 02:13	1
Styrene	ND		1.0	0.73	ug/L			06/21/19 02:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/21/19 02:13	1
Toluene	ND		1.0	0.51	ug/L			06/21/19 02:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/21/19 02:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/21/19 02:13	1
Trichloroethene	ND		1.0	0.46	ug/L			06/21/19 02:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/21/19 02:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/21/19 02:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/21/19 02:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-5

Lab Sample ID: 480-155113-20

Date Collected: 06/12/19 09:40

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/21/19 02:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120					06/21/19 02:13	1
1,2-Dichloroethane-d4 (Surr)	107		77 - 120					06/21/19 02:13	1
4-Bromofluorobenzene (Surr)	109		73 - 120					06/21/19 02:13	1
Dibromofluoromethane (Surr)	112		75 - 123					06/21/19 02:13	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 06:43	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 06:43	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 06:43	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/27/19 06:43	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 06:43	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 06:43	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 06:43	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 06:43	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 06:43	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 06:43	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 06:43	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 06:43	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 06:43	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 06:43	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 06:43	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 06:43	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 06:43	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 06:43	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 06:43	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 06:43	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 06:43	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 06:43	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 06:43	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 06:43	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/27/19 06:43	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 06:43	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 06:43	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 06:43	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 06:43	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 06:43	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 06:43	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 06:43	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 06:43	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 06:43	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 06:43	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 06:43	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 06:43	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 06:43	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 06:43	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 06:43	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-5

Lab Sample ID: 480-155113-20

Date Collected: 06/12/19 09:40

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 06:43	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 06:43	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 06:43	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 06:43	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/27/19 06:43	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 06:43	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 06:43	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 06:43	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 06:43	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 06:43	1
Fluorene	0.45	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 06:43	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 06:43	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 06:43	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 06:43	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 06:43	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 06:43	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 06:43	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 06:43	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 06:43	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 06:43	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 06:43	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 06:43	1
Phenanthrene	1.8	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 06:43	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 06:43	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 06:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	84		46 - 120	06/19/19 14:59	06/27/19 06:43	1
Phenol-d5 (Surr)	45		22 - 120	06/19/19 14:59	06/27/19 06:43	1
p-Terphenyl-d14 (Surr)	76		59 - 136	06/19/19 14:59	06/27/19 06:43	1
2,4,6-Tribromophenol (Surr)	97		41 - 120	06/19/19 14:59	06/27/19 06:43	1
2-Fluorobiphenyl	93		48 - 120	06/19/19 14:59	06/27/19 06:43	1
2-Fluorophenol (Surr)	58		35 - 120	06/19/19 14:59	06/27/19 06:43	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 13:05	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 13:05	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 13:05	1
delta-BHC	0.011	J	0.050	0.010	ug/L		06/19/19 14:52	06/20/19 13:05	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 13:05	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 13:05	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 13:05	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 13:05	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 13:05	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 13:05	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 13:05	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 13:05	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 13:05	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 13:05	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-5

Lab Sample ID: 480-155113-20

Date Collected: 06/12/19 09:40

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 13:05	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 13:05	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 13:05	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 13:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		23 - 120	06/19/19 14:52	06/20/19 13:05	1
DCB Decachlorobiphenyl	85		23 - 120	06/19/19 14:52	06/20/19 13:05	1
Tetrachloro-m-xylene	66		44 - 120	06/19/19 14:52	06/20/19 13:05	1
Tetrachloro-m-xylene	64		44 - 120	06/19/19 14:52	06/20/19 13:05	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 20:04	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 20:04	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 20:04	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 20:04	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 20:04	1
PCB-1254	0.038	J	0.060	0.031	ug/L		06/21/19 15:56	06/24/19 20:04	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	36		36 - 121	06/21/19 15:56	06/24/19 20:04	1
DCB Decachlorobiphenyl	33	X	36 - 121	06/21/19 15:56	06/24/19 20:04	1
Tetrachloro-m-xylene	44		42 - 135	06/21/19 15:56	06/24/19 20:04	1
Tetrachloro-m-xylene	36	X	42 - 135	06/21/19 15:56	06/24/19 20:04	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2.9		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 19:49	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 19:49	1
Arsenic	0.0065	J	0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 19:49	1
Barium	0.15		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 19:49	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 19:49	1
Cadmium	0.00069	J	0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 19:49	1
Calcium	187		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:49	1
Chromium	0.012		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 19:49	1
Cobalt	0.0061		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 19:49	1
Copper	0.0048	J	0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 19:49	1
Iron	13.7		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 19:49	1
Lead	0.0058	J	0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 19:49	1
Magnesium	50.8		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 19:49	1
Manganese	1.1		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 19:49	1
Nickel	0.011		0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 19:49	1
Potassium	3.1		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:49	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 19:49	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 19:49	1
Sodium	105		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 19:49	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 19:49	1
Vanadium	0.0064		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 19:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-5

Lab Sample ID: 480-155113-20

Date Collected: 06/12/19 09:40

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0074	J	0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 19:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/24/19 11:52	06/24/19 14:47	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-7

Lab Sample ID: 480-155113-21

Date Collected: 06/12/19 10:50

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/21/19 02:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/21/19 02:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/21/19 02:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/21/19 02:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/21/19 02:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/21/19 02:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/21/19 02:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/21/19 02:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/21/19 02:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/21/19 02:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/21/19 02:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/21/19 02:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/21/19 02:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/21/19 02:38	1
2-Hexanone	ND		5.0	1.2	ug/L			06/21/19 02:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/21/19 02:38	1
Acetone	ND		10	3.0	ug/L			06/21/19 02:38	1
Benzene	ND		1.0	0.41	ug/L			06/21/19 02:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/21/19 02:38	1
Bromoform	ND		1.0	0.26	ug/L			06/21/19 02:38	1
Bromomethane	ND		1.0	0.69	ug/L			06/21/19 02:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/21/19 02:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/21/19 02:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/21/19 02:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/21/19 02:38	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 02:38	1
Chloroform	ND		1.0	0.34	ug/L			06/21/19 02:38	1
Chloromethane	ND		1.0	0.35	ug/L			06/21/19 02:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/21/19 02:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/21/19 02:38	1
Cyclohexane	ND		1.0	0.18	ug/L			06/21/19 02:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/21/19 02:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/21/19 02:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/21/19 02:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/21/19 02:38	1
Methyl acetate	ND		2.5	1.3	ug/L			06/21/19 02:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/21/19 02:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/21/19 02:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/21/19 02:38	1
Styrene	ND		1.0	0.73	ug/L			06/21/19 02:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/21/19 02:38	1
Toluene	ND		1.0	0.51	ug/L			06/21/19 02:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/21/19 02:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/21/19 02:38	1
Trichloroethene	ND		1.0	0.46	ug/L			06/21/19 02:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/21/19 02:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/21/19 02:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/21/19 02:38	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-7

Lab Sample ID: 480-155113-21

Date Collected: 06/12/19 10:50

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/21/19 02:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	87		80 - 120					06/21/19 02:38	1
1,2-Dichloroethane-d4 (Surr)	112		77 - 120					06/21/19 02:38	1
4-Bromofluorobenzene (Surr)	99		73 - 120					06/21/19 02:38	1
Dibromofluoromethane (Surr)	107		75 - 123					06/21/19 02:38	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 07:11	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 07:11	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 07:11	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/27/19 07:11	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 07:11	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 07:11	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 07:11	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 07:11	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 07:11	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 07:11	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 07:11	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 07:11	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 07:11	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 07:11	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 07:11	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 07:11	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 07:11	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 07:11	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 07:11	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 07:11	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 07:11	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 07:11	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 07:11	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 07:11	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/27/19 07:11	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 07:11	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 07:11	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 07:11	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 07:11	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 07:11	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 07:11	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 07:11	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 07:11	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 07:11	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 07:11	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 07:11	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 07:11	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 07:11	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 07:11	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 07:11	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-7

Lab Sample ID: 480-155113-21

Date Collected: 06/12/19 10:50

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 07:11	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 07:11	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 07:11	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 07:11	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/27/19 07:11	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 07:11	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 07:11	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 07:11	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 07:11	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 07:11	1
Fluorene	0.50	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 07:11	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 07:11	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 07:11	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 07:11	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 07:11	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 07:11	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 07:11	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 07:11	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 07:11	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 07:11	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 07:11	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 07:11	1
Phenanthrene	2.3	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 07:11	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 07:11	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 07:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	91		46 - 120	06/19/19 14:59	06/27/19 07:11	1
Phenol-d5 (Surr)	51		22 - 120	06/19/19 14:59	06/27/19 07:11	1
p-Terphenyl-d14 (Surr)	81		59 - 136	06/19/19 14:59	06/27/19 07:11	1
2,4,6-Tribromophenol (Surr)	112		41 - 120	06/19/19 14:59	06/27/19 07:11	1
2-Fluorobiphenyl	99		48 - 120	06/19/19 14:59	06/27/19 07:11	1
2-Fluorophenol (Surr)	70		35 - 120	06/19/19 14:59	06/27/19 07:11	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 13:25	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 13:25	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 13:25	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 13:25	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 13:25	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 13:25	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 13:25	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 13:25	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 13:25	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 13:25	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 13:25	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 13:25	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 13:25	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 13:25	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-7

Lab Sample ID: 480-155113-21

Date Collected: 06/12/19 10:50

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 13:25	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 13:25	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 13:25	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		23 - 120				06/19/19 14:52	06/20/19 13:25	1
DCB Decachlorobiphenyl	95		23 - 120				06/19/19 14:52	06/20/19 13:25	1
Tetrachloro-m-xylene	79		44 - 120				06/19/19 14:52	06/20/19 13:25	1
Tetrachloro-m-xylene	87		44 - 120				06/19/19 14:52	06/20/19 13:25	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 16:46	1
PCB-1221	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 16:46	1
PCB-1232	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 16:46	1
PCB-1242	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 16:46	1
PCB-1248	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 16:46	1
PCB-1254	ND		0.060	0.031	ug/L		06/24/19 17:13	06/25/19 16:46	1
PCB-1260	ND		0.060	0.031	ug/L		06/24/19 17:13	06/25/19 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		36 - 121				06/24/19 17:13	06/25/19 16:46	1
DCB Decachlorobiphenyl	83		36 - 121				06/24/19 17:13	06/25/19 16:46	1
Tetrachloro-m-xylene	85		42 - 135				06/24/19 17:13	06/25/19 16:46	1
Tetrachloro-m-xylene	70		42 - 135				06/24/19 17:13	06/25/19 16:46	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 19:53	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 19:53	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 19:53	1
Barium	0.10		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 19:53	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 19:53	1
Cadmium	ND		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 19:53	1
Calcium	165		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:53	1
Chromium	ND		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 19:53	1
Cobalt	0.0015	J	0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 19:53	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 19:53	1
Iron	1.5		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 19:53	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 19:53	1
Magnesium	41.2		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 19:53	1
Manganese	0.58		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 19:53	1
Nickel	0.0024	J	0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 19:53	1
Potassium	0.73		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 19:53	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 19:53	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 19:53	1
Sodium	45.6		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 19:53	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 19:53	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 19:53	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-7

Lab Sample ID: 480-155113-21

Date Collected: 06/12/19 10:50

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 19:53	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/24/19 11:52	06/24/19 14:49	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-8

Lab Sample ID: 480-155113-22

Date Collected: 06/12/19 12:20

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			06/21/19 03:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/21/19 03:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/21/19 03:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/21/19 03:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/21/19 03:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/21/19 03:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/21/19 03:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/21/19 03:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/21/19 03:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/21/19 03:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/21/19 03:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/21/19 03:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/21/19 03:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/21/19 03:02	1
2-Hexanone	ND		5.0	1.2	ug/L			06/21/19 03:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/21/19 03:02	1
Acetone	ND		10	3.0	ug/L			06/21/19 03:02	1
Benzene	ND		1.0	0.41	ug/L			06/21/19 03:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/21/19 03:02	1
Bromoform	ND		1.0	0.26	ug/L			06/21/19 03:02	1
Bromomethane	ND		1.0	0.69	ug/L			06/21/19 03:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/21/19 03:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/21/19 03:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/21/19 03:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/21/19 03:02	1
Chloroethane	ND		1.0	0.32	ug/L			06/21/19 03:02	1
Chloroform	ND		1.0	0.34	ug/L			06/21/19 03:02	1
Chloromethane	ND		1.0	0.35	ug/L			06/21/19 03:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/21/19 03:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/21/19 03:02	1
Cyclohexane	ND		1.0	0.18	ug/L			06/21/19 03:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/21/19 03:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/21/19 03:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/21/19 03:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/21/19 03:02	1
Methyl acetate	ND		2.5	1.3	ug/L			06/21/19 03:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/21/19 03:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/21/19 03:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/21/19 03:02	1
Styrene	ND		1.0	0.73	ug/L			06/21/19 03:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/21/19 03:02	1
Toluene	ND		1.0	0.51	ug/L			06/21/19 03:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/21/19 03:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/21/19 03:02	1
Trichloroethene	ND		1.0	0.46	ug/L			06/21/19 03:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/21/19 03:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/21/19 03:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/21/19 03:02	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-8

Lab Sample ID: 480-155113-22

Date Collected: 06/12/19 12:20

Matrix: Water

Date Received: 06/19/19 15:10

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					06/21/19 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		80 - 120					06/21/19 03:02	1
1,2-Dichloroethane-d4 (Surr)	116		77 - 120					06/21/19 03:02	1
4-Bromofluorobenzene (Surr)	90		73 - 120					06/21/19 03:02	1
Dibromofluoromethane (Surr)	113		75 - 123					06/21/19 03:02	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/27/19 07:39	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/27/19 07:39	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 07:39	1
2,4,6-Trichlorophenol	ND *		5.0	0.61	ug/L		06/19/19 14:59	06/27/19 07:39	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 07:39	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/27/19 07:39	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 07:39	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 07:39	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 07:39	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 07:39	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/27/19 07:39	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 07:39	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/27/19 07:39	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/27/19 07:39	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/27/19 07:39	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 07:39	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/27/19 07:39	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 07:39	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 07:39	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/27/19 07:39	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 07:39	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 07:39	1
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/27/19 07:39	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/27/19 07:39	1
4-Nitrophenol	ND *		10	1.5	ug/L		06/19/19 14:59	06/27/19 07:39	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/27/19 07:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/27/19 07:39	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 07:39	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/27/19 07:39	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/27/19 07:39	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/27/19 07:39	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 07:39	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 07:39	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 07:39	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 07:39	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/27/19 07:39	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/27/19 07:39	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 07:39	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 07:39	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/27/19 07:39	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-8

Lab Sample ID: 480-155113-22

Date Collected: 06/12/19 12:20

Matrix: Water

Date Received: 06/19/19 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/27/19 07:39	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/27/19 07:39	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/27/19 07:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/27/19 07:39	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/27/19 07:39	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 07:39	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/27/19 07:39	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/27/19 07:39	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/27/19 07:39	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/27/19 07:39	1
Fluorene	0.51	J B	5.0	0.36	ug/L		06/19/19 14:59	06/27/19 07:39	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 07:39	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/27/19 07:39	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 07:39	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/27/19 07:39	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/27/19 07:39	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/27/19 07:39	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/27/19 07:39	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/27/19 07:39	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/27/19 07:39	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/27/19 07:39	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/27/19 07:39	1
Phenanthrene	2.2	J B	5.0	0.44	ug/L		06/19/19 14:59	06/27/19 07:39	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/27/19 07:39	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/27/19 07:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	95		46 - 120	06/19/19 14:59	06/27/19 07:39	1
Phenol-d5 (Surr)	46		22 - 120	06/19/19 14:59	06/27/19 07:39	1
p-Terphenyl-d14 (Surr)	86		59 - 136	06/19/19 14:59	06/27/19 07:39	1
2,4,6-Tribromophenol (Surr)	101		41 - 120	06/19/19 14:59	06/27/19 07:39	1
2-Fluorobiphenyl	104		48 - 120	06/19/19 14:59	06/27/19 07:39	1
2-Fluorophenol (Surr)	65		35 - 120	06/19/19 14:59	06/27/19 07:39	1

Method: 608.3 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 13:44	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 13:44	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 13:44	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 13:44	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 13:44	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 13:44	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 13:44	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 13:44	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 13:44	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 13:44	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 13:44	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 13:44	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 13:44	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 13:44	1

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Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-8

Lab Sample ID: 480-155113-22

Date Collected: 06/12/19 12:20

Matrix: Water

Date Received: 06/19/19 15:10

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 13:44	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 13:44	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 13:44	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	89		23 - 120	06/19/19 14:52	06/20/19 13:44	1
DCB Decachlorobiphenyl	83		23 - 120	06/19/19 14:52	06/20/19 13:44	1
Tetrachloro-m-xylene	84		44 - 120	06/19/19 14:52	06/20/19 13:44	1
Tetrachloro-m-xylene	87		44 - 120	06/19/19 14:52	06/20/19 13:44	1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 16:58	1
PCB-1221	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 16:58	1
PCB-1232	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 16:58	1
PCB-1242	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 16:58	1
PCB-1248	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 16:58	1
PCB-1254	ND		0.060	0.031	ug/L		06/24/19 17:13	06/25/19 16:58	1
PCB-1260	ND		0.060	0.031	ug/L		06/24/19 17:13	06/25/19 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		36 - 121	06/24/19 17:13	06/25/19 16:58	1
DCB Decachlorobiphenyl	73		36 - 121	06/24/19 17:13	06/25/19 16:58	1
Tetrachloro-m-xylene	88		42 - 135	06/24/19 17:13	06/25/19 16:58	1
Tetrachloro-m-xylene	74		42 - 135	06/24/19 17:13	06/25/19 16:58	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.3		0.20	0.060	mg/L		06/20/19 08:39	06/21/19 00:15	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 08:39	06/21/19 00:15	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 08:39	06/21/19 00:15	1
Barium	0.10		0.0020	0.00070	mg/L		06/20/19 08:39	06/21/19 00:15	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 08:39	06/21/19 00:15	1
Cadmium	0.00059	J	0.0020	0.00050	mg/L		06/20/19 08:39	06/21/19 00:15	1
Calcium	154		0.50	0.10	mg/L		06/20/19 08:39	06/21/19 00:15	1
Chromium	4.7		0.0040	0.0010	mg/L		06/20/19 08:39	06/21/19 00:15	1
Cobalt	0.020		0.0040	0.00063	mg/L		06/20/19 08:39	06/21/19 00:15	1
Copper	0.058		0.010	0.0016	mg/L		06/20/19 08:39	06/21/19 00:15	1
Iron	22.7		0.050	0.019	mg/L		06/20/19 08:39	06/21/19 00:15	1
Lead	0.0050	J	0.010	0.0030	mg/L		06/20/19 08:39	06/21/19 00:15	1
Magnesium	41.1		0.20	0.043	mg/L		06/20/19 08:39	06/21/19 00:15	1
Manganese	2.1		0.0030	0.00040	mg/L		06/20/19 08:39	06/21/19 00:15	1
Nickel	0.54		0.010	0.0013	mg/L		06/20/19 08:39	06/21/19 00:15	1
Potassium	1.2		0.50	0.10	mg/L		06/20/19 08:39	06/21/19 11:11	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 08:39	06/21/19 00:15	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 08:39	06/21/19 00:15	1
Sodium	13.2		1.0	0.32	mg/L		06/20/19 08:39	06/21/19 00:15	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 08:39	06/21/19 00:15	1
Vanadium	0.026		0.0050	0.0015	mg/L		06/20/19 08:39	06/21/19 00:15	1

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Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-8

Lab Sample ID: 480-155113-22

Date Collected: 06/12/19 12:20

Matrix: Water

Date Received: 06/19/19 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0095	J	0.010	0.0015	mg/L		06/20/19 08:39	06/21/19 00:15	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/24/19 11:52	06/24/19 14:50	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-25

Lab Sample ID: 480-155113-23

Date Collected: 06/13/19 12:05

Matrix: Water

Date Received: 06/19/19 15:10

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	6.0	J	8.8	4.4	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluoropentanoic acid (PFPeA)	5.0	J	8.8	2.8	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluorohexanoic acid (PFHxA)	4.0	J	8.8	3.4	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluoroheptanoic acid (PFHpA)	ND		8.8	4.0	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluorooctanoic acid (PFOA)	6.0	J	8.8	2.8	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluorononanoic acid (PFNA)	ND		8.8	1.2	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluorodecanoic acid (PFDA)	ND		8.8	3.4	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluoroundecanoic acid (PFUnA)	ND		8.8	2.3	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluorododecanoic acid (PFDoA)	ND		8.8	2.6	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluorotridecanoic acid (PFTriA)	ND		8.8	2.7	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluorotetradecanoic acid (PFTeA)	ND		8.8	4.1	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluorobutanesulfonic acid (PFBS)	ND	*	8.8	2.2	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluorohexanesulfonic acid (PFHxS)	16		8.8	3.5	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluoroheptanesulfonic Acid (PFHpS)	ND		8.8	4.2	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluorooctanesulfonic acid (PFOS)	88		8.8	2.7	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluorodecanesulfonic acid (PFDS)	ND		8.8	4.0	ng/L		06/25/19 11:25	07/05/19 01:29	5
Perfluorooctanesulfonamide (PFOSA)	ND		44	44	ng/L		06/25/19 11:25	07/05/19 01:29	5
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		88	7.5	ng/L		06/25/19 11:25	07/05/19 01:29	5
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		88	6.6	ng/L		06/25/19 11:25	07/05/19 01:29	5
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		88	20	ng/L		06/25/19 11:25	07/05/19 01:29	5
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		88	13	ng/L		06/25/19 11:25	07/05/19 01:29	5

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	151	*	50 - 150	06/25/19 11:25	07/05/19 01:29	5
13C4 PFHpA	76		50 - 150	06/25/19 11:25	07/05/19 01:29	5
13C4 PFOA	95		50 - 150	06/25/19 11:25	07/05/19 01:29	5
13C4 PFOS	97		50 - 150	06/25/19 11:25	07/05/19 01:29	5
13C5 PFNA	86		50 - 150	06/25/19 11:25	07/05/19 01:29	5
13C4 PFBA	39		25 - 150	06/25/19 11:25	07/05/19 01:29	5
13C2 PFHxA	46	*	50 - 150	06/25/19 11:25	07/05/19 01:29	5
13C2 PFDA	114		50 - 150	06/25/19 11:25	07/05/19 01:29	5
13C2 PFUnA	109		50 - 150	06/25/19 11:25	07/05/19 01:29	5
13C2 PFDoA	95		50 - 150	06/25/19 11:25	07/05/19 01:29	5
13C8 FOSA	78		25 - 150	06/25/19 11:25	07/05/19 01:29	5
13C5 PFPeA	55		25 - 150	06/25/19 11:25	07/05/19 01:29	5
13C2 PFTeA	95		50 - 150	06/25/19 11:25	07/05/19 01:29	5
d3-NMeFOSAA	100		50 - 150	06/25/19 11:25	07/05/19 01:29	5
d5-NEtFOSAA	118		50 - 150	06/25/19 11:25	07/05/19 01:29	5
M2-6:2 FTS	136		25 - 150	06/25/19 11:25	07/05/19 01:29	5
M2-8:2 FTS	163	*	25 - 150	06/25/19 11:25	07/05/19 01:29	5
13C3 PFBS	63		50 - 150	06/25/19 11:25	07/05/19 01:29	5

Eurofins TestAmerica, Buffalo

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-155113-1	B-1	88	101	105	100
480-155113-2	BFS-1	90	106	102	99
480-155113-3	BFS-2	92	113	92	105
480-155113-4	BR-4	104	100	114	104
480-155113-5	RFI-01	96	105	98	99
480-155113-6	RFI-02	99	113	104	110
480-155113-7	WT-1B	97	110	103	109
480-155113-8	RFI-04	84	112	84	111
480-155113-9	RFI-06	97	111	100	110
480-155113-10	RFI-9	96	104	108	100
480-155113-11	RFI-10	100	105	106	103
480-155113-12	RFI-12	100	121 X	100	115
480-155113-13	RFI-16	94	111	98	107
480-155113-14	RFI-17	98	106	105	92
480-155113-15	RFI-22	106	109	101	105
480-155113-16	RFI-24	99	98	100	103
480-155113-17	RFI-25	97	114	110	112
480-155113-17 MS	RFI-25	97	115	108	111
480-155113-17 MSD	RFI-25	107	105	98	104
480-155113-18	RFI-28	93	114	100	106
480-155113-19	RFI-30	110	105	95	103
480-155113-20	WP-5	95	107	109	112
480-155113-21	WP-7	87	112	99	107
480-155113-22	WP-8	90	116	90	113
LCS 480-478711/5	Lab Control Sample	95	105	103	103
LCS 480-478914/5	Lab Control Sample	93	98	102	103
MB 480-478711/7	Method Blank	97	99	101	97
MB 480-478914/7	Method Blank	100	104	99	104

Surrogate Legend

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

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (46-120)	PHL (22-120)	TPHd14 (59-136)	TBP (41-120)	FBP (48-120)	2FP (35-120)
480-155113-1	B-1	93	53	85	88	97	73
480-155113-2	BFS-1	96	49	89	112	104	68
480-155113-3	BFS-2	81	42	73	90	87	57
480-155113-4	BR-4	95	49	89	114	103	68
480-155113-5	RFI-01	98	57	93	112	103	76
480-155113-6	RFI-02	91	47	90	111	100	65
480-155113-8	RFI-04	98	48	90	100	104	65
480-155113-9	RFI-06	95	49	97	106	103	68
480-155113-10	RFI-9	100	51	90	115	106	73

Eurofins TestAmerica, Buffalo

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (46-120)	PHL (22-120)	TPHD14 (59-136)	TBP (41-120)	FBP (48-120)	2FP (35-120)
480-155113-11	RFI-10	85	41	77	101	92	58
480-155113-12	RFI-12	94	48	87	100	101	65
480-155113-13	RFI-16	92	50	85	120	100	70
480-155113-14	RFI-17	91	52	91	108	96	70
480-155113-15	RFI-22	94	51	89	108	98	72
480-155113-16	RFI-24	87	45	78	111	94	63
480-155113-17	RFI-25	82	45	78	112	93	61
480-155113-18	RFI-28	105	63	109	126 X	115	80
480-155113-19	RFI-30	92	50	74	107	97	70
480-155113-20	WP-5	84	45	76	97	93	58
480-155113-21	WP-7	91	51	81	112	99	70
480-155113-22	WP-8	95	46	86	101	104	65
LCS 480-478641/2-A	Lab Control Sample	92	55	99	120	99	72
LCS 480-478877/2-A	Lab Control Sample	89	57	90	89	89	72
LCSD 480-478641/3-A	Lab Control Sample Dup	85	49	91	109	91	62
LCSD 480-478877/3-A	Lab Control Sample Dup	98	60	96	97	95	78
MB 480-478641/1-A	Method Blank	86	49	96	92	93	64
MB 480-478877/1-A	Method Blank	89	52	98	81	95	72

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHD14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)

Method: 608.3 - Organochlorine Pesticides in Water

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (23-120)	DCBP2 (23-120)	TCX1 (44-120)	TCX2 (44-120)
480-155113-1	B-1	77	78	73	63
480-155113-2	BFS-1	63	62	79	71
480-155113-3	BFS-2	53	56	75	72
480-155113-4	BR-4	75	78	88	75
480-155113-5	RFI-01	58	57	74	60
480-155113-6	RFI-02	86	84	77	68
480-155113-8	RFI-04	86	84	80	70
480-155113-9	RFI-06	97	96	74	70
480-155113-10	RFI-9	72	73	78	74
480-155113-11	RFI-10	88	91	73	64
480-155113-12	RFI-12	88	83	73	70
480-155113-13	RFI-16	94	89	84	83
480-155113-14	RFI-17	97	93	85	78
480-155113-15	RFI-22	81	82	72	64
480-155113-16	RFI-24	89	94	82	68
480-155113-17	RFI-25	76	79	66	57
480-155113-18	RFI-28	88	90	83	67
480-155113-19	RFI-30	94	89	73	87

Eurofins TestAmerica, Buffalo

Surrogate Summary

Client: New York State D.E.C.

Job ID: 480-155113-1

Project/Site: Altech Specialty Steel #907022

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (23-120)	DCBP2 (23-120)	TCX1 (44-120)	TCX2 (44-120)
480-155113-20	WP-5	91	85	66	64
480-155113-21	WP-7	101	95	79	87
480-155113-22	WP-8	89	83	84	87
LCS 480-478633/2-A	Lab Control Sample	51	48	80	75
LCS 480-478888/2-A	Lab Control Sample	62	57	85	86
LCSD 480-478633/3-A	Lab Control Sample Dup	54	54	86	67
LCSD 480-478888/3-A	Lab Control Sample Dup	61	56	80	86
MB 480-478633/1-A	Method Blank	58	55	91	80
MB 480-478888/1-A	Method Blank	58	54	84	87
Surrogate Legend					
DCBP = DCB Decachlorobiphenyl					
TCX = Tetrachloro-m-xylene					

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (36-121)	DCBP2 (36-121)	TCX1 (42-135)	TCX2 (42-135)
480-155113-1	B-1	75	72	76	61
480-155113-2	BFS-1	58	55	71	56
480-155113-3	BFS-2	43	41	77	59
480-155113-4	BR-4	60	56	78	61
480-155113-5	RFI-01	51	48	67	54
480-155113-6	RFI-02	63	62	63	56
480-155113-8	RFI-04	70	66	81	63
480-155113-9	RFI-06	76	71	64	52
480-155113-10	RFI-9	61	57	76	63
480-155113-11	RFI-10	82	78	79	62
480-155113-12	RFI-12	36	34 X	59	46
480-155113-13	RFI-16	66	66	69	60
480-155113-14	RFI-17	83	77	72	60
480-155113-15	RFI-22	79	72	78	59
480-155113-16	RFI-24	74	68	80	60
480-155113-17	RFI-25	79	73	68	56
480-155113-18	RFI-28	81	75	81	68
480-155113-19	RFI-30	72	62	73	58
480-155113-20	WP-5	36	33 X	44	36 X
480-155113-21	WP-7	85	83	85	70
480-155113-22	WP-8	75	73	88	74
LCS 480-479083/2-A	Lab Control Sample	41	42	69	51
LCS 480-479370/2-A	Lab Control Sample	41	43	90	70
LCSD 480-479083/3-A	Lab Control Sample Dup	50	49	79	59
LCSD 480-479370/3-A	Lab Control Sample Dup	52	52	105	84
MB 480-479083/1-A	Method Blank	52	47	79	62
MB 480-479370/1-A	Method Blank	43	44	87	74
Surrogate Legend					
DCBP = DCB Decachlorobiphenyl					
TCX = Tetrachloro-m-xylene					

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Lab Sample ID: MB 480-478711/7

Matrix: Water

Analysis Batch: 478711

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-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 09:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 09:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 09:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 09:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 09:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 09:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 09:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 09:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 09:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 09:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 09:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 09:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 09:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 09:35	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 09:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 09:35	1
Acetone	ND		10	3.0	ug/L			06/20/19 09:35	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 09:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/19 09:35	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 09:35	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 09:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 09:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 09:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 09:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 09:35	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 09:35	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 09:35	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 09:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 09:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 09:35	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 09:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 09:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 09:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 09:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 09:35	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 09:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 09:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 09:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/20/19 09:35	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 09:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 09:35	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 09:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 09:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 09:35	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 09:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 09:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 09:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 09:35	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Lab Sample ID: MB 480-478711/7

Matrix: Water

Analysis Batch: 478711

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		ug/L					06/20/19 09:35	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Toluene-d8 (Surr)	97		80 - 120					06/20/19 09:35	1
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					06/20/19 09:35	1
4-Bromofluorobenzene (Surr)	101		73 - 120					06/20/19 09:35	1
Dibromofluoromethane (Surr)	97		75 - 123					06/20/19 09:35	1

Lab Sample ID: LCS 480-478711/5

Matrix: Water

Analysis Batch: 478711

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>
1,1,1-Trichloroethane	25.0	29.1		ug/L		116	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.4		ug/L		85	76 - 120
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.7		ug/L		95	61 - 148
1,1-Dichloroethane	25.0	23.8		ug/L		95	77 - 120
1,1-Dichloroethene	25.0	21.8		ug/L		87	66 - 127
1,2,4-Trichlorobenzene	25.0	21.5		ug/L		86	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.3		ug/L		105	56 - 134
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	25.7		ug/L		103	75 - 120
1,2-Dichloropropane	25.0	23.4		ug/L		94	76 - 120
1,3-Dichlorobenzene	25.0	26.6		ug/L		106	77 - 120
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	80 - 120
2-Butanone (MEK)	125	107		ug/L		86	57 - 140
2-Hexanone	125	129		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	71 - 125
Acetone	125	120		ug/L		96	56 - 142
Benzene	25.0	24.2		ug/L		97	71 - 124
Bromodichloromethane	25.0	30.8	*	ug/L		123	80 - 122
Bromoform	25.0	28.8		ug/L		115	61 - 132
Bromomethane	25.0	26.9		ug/L		107	55 - 144
Carbon disulfide	25.0	22.2		ug/L		89	59 - 134
Carbon tetrachloride	25.0	29.1		ug/L		116	72 - 134
Chlorobenzene	25.0	24.5		ug/L		98	80 - 120
Dibromochloromethane	25.0	30.8		ug/L		123	75 - 125
Chloroethane	25.0	28.5		ug/L		114	69 - 136
Chloroform	25.0	22.2		ug/L		89	73 - 127
Chloromethane	25.0	20.7		ug/L		83	68 - 124
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	29.8		ug/L		119	74 - 124
Cyclohexane	25.0	20.6		ug/L		82	59 - 135
Dichlorodifluoromethane	25.0	22.1		ug/L		88	59 - 135
Ethylbenzene	25.0	24.5		ug/L		98	77 - 123
1,2-Dibromoethane	25.0	26.5		ug/L		106	77 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Lab Sample ID: LCS 480-478711/5

Matrix: Water

Analysis Batch: 478711

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	25.0	23.2		ug/L		93	77 - 122
Methyl acetate	50.0	40.5		ug/L		81	74 - 133
Methyl tert-butyl ether	25.0	24.8		ug/L		99	77 - 120
Methylcyclohexane	25.0	24.4		ug/L		97	68 - 134
Methylene Chloride	25.0	20.1		ug/L		80	75 - 124
Styrene	25.0	26.9		ug/L		108	80 - 120
Tetrachloroethene	25.0	27.0		ug/L		108	74 - 122
Toluene	25.0	25.7		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	26.5		ug/L		106	80 - 120
Trichloroethene	25.0	25.1		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	28.8		ug/L		115	62 - 150
Vinyl chloride	25.0	24.5		ug/L		98	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	95		80 - 120
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Dibromofluoromethane (Surr)	103		75 - 123

Lab Sample ID: 480-155113-17 MS

Matrix: Water

Analysis Batch: 478711

Client Sample ID: RFI-25

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		100	122		ug/L		122	73 - 126
1,1,2,2-Tetrachloroethane	ND		100	84.3		ug/L		84	76 - 120
1,1,2-Trichloroethane	ND	F2	100	93.9		ug/L		94	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	100	124		ug/L		124	61 - 148
1,1-Dichloroethane	ND	F2	100	117		ug/L		117	77 - 120
1,1-Dichloroethene	ND	F2 F1	100	132	F1	ug/L		132	66 - 127
1,2,4-Trichlorobenzene	ND		100	88.3		ug/L		88	79 - 122
1,2-Dibromo-3-Chloropropane	ND		100	107		ug/L		107	56 - 134
1,2-Dichlorobenzene	ND		100	92.6		ug/L		93	80 - 124
1,2-Dichloroethane	ND		100	106		ug/L		106	75 - 120
1,2-Dichloropropane	ND		100	92.4		ug/L		92	76 - 120
1,3-Dichlorobenzene	ND		100	94.3		ug/L		94	77 - 120
1,4-Dichlorobenzene	ND		100	94.0		ug/L		94	78 - 124
2-Butanone (MEK)	ND		500	402		ug/L		80	57 - 140
2-Hexanone	ND		500	471		ug/L		94	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		500	436		ug/L		87	71 - 125
Acetone	ND	F2	500	498		ug/L		100	56 - 142
Benzene	ND		100	92.8		ug/L		93	71 - 124
Bromodichloromethane	ND	*	100	115		ug/L		115	80 - 122
Bromoform	ND		100	113		ug/L		113	61 - 132
Bromomethane	ND		100	123		ug/L		123	55 - 144
Carbon disulfide	ND	F2	100	115		ug/L		115	59 - 134
Carbon tetrachloride	ND		100	126		ug/L		126	72 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Lab Sample ID: 480-155113-17 MS

Matrix: Water

Analysis Batch: 478711

Client Sample ID: RFI-25

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	ND		100	95.0		ug/L		95	80 - 120
Dibromochloromethane	ND		100	118		ug/L		118	75 - 125
Chloroethane	ND		100	131		ug/L		131	69 - 136
Chloroform	ND		100	94.4		ug/L		94	73 - 127
Chloromethane	ND		100	82.8		ug/L		83	68 - 124
cis-1,2-Dichloroethene	ND		100	91.5		ug/L		92	74 - 124
cis-1,3-Dichloropropene	ND		100	102		ug/L		102	74 - 124
Cyclohexane	ND		100	85.8		ug/L		86	59 - 135
Dichlorodifluoromethane	ND		100	96.4		ug/L		96	59 - 135
Ethylbenzene	ND		100	95.0		ug/L		95	77 - 123
1,2-Dibromoethane	ND		100	98.8		ug/L		99	77 - 120
Isopropylbenzene	ND		100	91.3		ug/L		91	77 - 122
Methyl acetate	ND	F2	200	209		ug/L		105	74 - 133
Methyl tert-butyl ether	ND	F1	100	130	F1	ug/L		130	77 - 120
Methylcyclohexane	ND		100	90.0		ug/L		90	68 - 134
Methylene Chloride	ND	F2	100	114		ug/L		114	75 - 124
Styrene	ND		100	100		ug/L		100	80 - 120
Tetrachloroethene	ND		100	110		ug/L		110	74 - 122
Toluene	ND		100	94.3		ug/L		94	80 - 122
trans-1,2-Dichloroethene	ND	F2 F1	100	128	F1	ug/L		128	73 - 127
trans-1,3-Dichloropropene	ND		100	104		ug/L		104	80 - 120
Trichloroethene	ND		100	96.0		ug/L		96	74 - 123
Trichlorofluoromethane	ND		100	137		ug/L		137	62 - 150
Vinyl chloride	ND		100	114		ug/L		114	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	97		80 - 120
1,2-Dichloroethane-d4 (Surr)	115		77 - 120
4-Bromofluorobenzene (Surr)	108		73 - 120
Dibromofluoromethane (Surr)	111		75 - 123

Lab Sample ID: 480-155113-17 MSD

Matrix: Water

Analysis Batch: 478711

Client Sample ID: RFI-25

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-Trichloroethane	ND		100	116		ug/L		116	73 - 126	5	15
1,1,2,2-Tetrachloroethane	ND		100	87.8		ug/L		88	76 - 120	4	15
1,1,2-Trichloroethane	ND	F2	100	114	F2	ug/L		114	76 - 122	19	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	100	100	F2	ug/L		100	61 - 148	21	20
1,1-Dichloroethane	ND	F2	100	94.5	F2	ug/L		94	77 - 120	22	20
1,1-Dichloroethene	ND	F2 F1	100	95.3	F2	ug/L		95	66 - 127	32	16
1,2,4-Trichlorobenzene	ND		100	105		ug/L		105	79 - 122	17	20
1,2-Dibromo-3-Chloropropane	ND		100	121		ug/L		121	56 - 134	13	15
1,2-Dichlorobenzene	ND		100	99.1		ug/L		99	80 - 124	7	20
1,2-Dichloroethane	ND		100	105		ug/L		105	75 - 120	1	20
1,2-Dichloropropane	ND		100	89.3		ug/L		89	76 - 120	3	20
1,3-Dichlorobenzene	ND		100	102		ug/L		102	77 - 120	8	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Lab Sample ID: 480-155113-17 MSD

Matrix: Water

Analysis Batch: 478711

Client Sample ID: RFI-25

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	ND		100	104		ug/L		104	78 - 124	10	20
2-Butanone (MEK)	ND		500	375		ug/L		75	57 - 140	7	20
2-Hexanone	ND		500	444		ug/L		89	65 - 127	6	15
4-Methyl-2-pentanone (MIBK)	ND		500	481		ug/L		96	71 - 125	10	35
Acetone	ND	F2	500	385	F2	ug/L		77	56 - 142	26	15
Benzene	ND		100	91.6		ug/L		92	71 - 124	1	13
Bromodichloromethane	ND	*	100	113		ug/L		113	80 - 122	2	15
Bromoform	ND		100	117		ug/L		117	61 - 132	3	15
Bromomethane	ND		100	113		ug/L		113	55 - 144	8	15
Carbon disulfide	ND	F2	100	85.4	F2	ug/L		85	59 - 134	30	15
Carbon tetrachloride	ND		100	120		ug/L		120	72 - 134	5	15
Chlorobenzene	ND		100	100		ug/L		100	80 - 120	5	25
Dibromochloromethane	ND		100	116		ug/L		116	75 - 125	1	15
Chloroethane	ND		100	114		ug/L		114	69 - 136	14	15
Chloroform	ND		100	89.6		ug/L		90	73 - 127	5	20
Chloromethane	ND		100	86.0		ug/L		86	68 - 124	4	15
cis-1,2-Dichloroethene	ND		100	91.7		ug/L		92	74 - 124	0	15
cis-1,3-Dichloropropene	ND		100	116		ug/L		116	74 - 124	13	15
Cyclohexane	ND		100	83.3		ug/L		83	59 - 135	3	20
Dichlorodifluoromethane	ND		100	91.0		ug/L		91	59 - 135	6	20
Ethylbenzene	ND		100	98.1		ug/L		98	77 - 123	3	15
1,2-Dibromoethane	ND		100	106		ug/L		106	77 - 120	7	15
Isopropylbenzene	ND		100	99.3		ug/L		99	77 - 122	8	20
Methyl acetate	ND	F2	200	156	F2	ug/L		78	74 - 133	29	20
Methyl tert-butyl ether	ND	F1	100	96.4		ug/L		96	77 - 120	30	37
Methylcyclohexane	ND		100	96.1		ug/L		96	68 - 134	7	20
Methylene Chloride	ND	F2	100	84.5	F2	ug/L		85	75 - 124	29	15
Styrene	ND		100	97.8		ug/L		98	80 - 120	2	20
Tetrachloroethene	ND		100	117		ug/L		117	74 - 122	6	20
Toluene	ND		100	106		ug/L		106	80 - 122	11	15
trans-1,2-Dichloroethene	ND	F2 F1	100	93.4	F2	ug/L		93	73 - 127	31	20
trans-1,3-Dichloropropene	ND		100	107		ug/L		107	80 - 120	3	15
Trichloroethene	ND		100	98.3		ug/L		98	74 - 123	2	16
Trichlorofluoromethane	ND		100	122		ug/L		122	62 - 150	12	20
Vinyl chloride	ND		100	106		ug/L		106	65 - 133	7	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	107		80 - 120
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	104		75 - 123

Lab Sample ID: MB 480-478914/7

Matrix: Water

Analysis Batch: 478914

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-Trichloroethane	ND		1.0	0.82	ug/L			06/20/19 22:35	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Lab Sample ID: MB 480-478914/7

Matrix: Water

Analysis Batch: 478914

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/20/19 22:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/20/19 22:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/20/19 22:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/20/19 22:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/20/19 22:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/20/19 22:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/20/19 22:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/20/19 22:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/20/19 22:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/20/19 22:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/20/19 22:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/20/19 22:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/20/19 22:35	1
2-Hexanone	ND		5.0	1.2	ug/L			06/20/19 22:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/20/19 22:35	1
Acetone	ND		10	3.0	ug/L			06/20/19 22:35	1
Benzene	ND		1.0	0.41	ug/L			06/20/19 22:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/20/19 22:35	1
Bromoform	ND		1.0	0.26	ug/L			06/20/19 22:35	1
Bromomethane	ND		1.0	0.69	ug/L			06/20/19 22:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/20/19 22:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/20/19 22:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/20/19 22:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/20/19 22:35	1
Chloroethane	ND		1.0	0.32	ug/L			06/20/19 22:35	1
Chloroform	ND		1.0	0.34	ug/L			06/20/19 22:35	1
Chloromethane	ND		1.0	0.35	ug/L			06/20/19 22:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/20/19 22:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/20/19 22:35	1
Cyclohexane	ND		1.0	0.18	ug/L			06/20/19 22:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/20/19 22:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/20/19 22:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/20/19 22:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/20/19 22:35	1
Methyl acetate	ND		2.5	1.3	ug/L			06/20/19 22:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/20/19 22:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/20/19 22:35	1
Methylene Chloride	0.677	J	1.0	0.44	ug/L			06/20/19 22:35	1
Styrene	ND		1.0	0.73	ug/L			06/20/19 22:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/20/19 22:35	1
Toluene	ND		1.0	0.51	ug/L			06/20/19 22:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/20/19 22:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/20/19 22:35	1
Trichloroethene	ND		1.0	0.46	ug/L			06/20/19 22:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/20/19 22:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/20/19 22:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/20/19 22:35	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Lab Sample ID: MB 480-478914/7

Matrix: Water

Analysis Batch: 478914

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Tentatively Identified Compound</i>	<i>MB</i> <i>Est. Result</i>	<i>MB</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		ug/L					06/20/19 22:35	1
<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Toluene-d8 (Surr)	100		80 - 120					06/20/19 22:35	1
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					06/20/19 22:35	1
4-Bromofluorobenzene (Surr)	99		73 - 120					06/20/19 22:35	1
Dibromofluoromethane (Surr)	104		75 - 123					06/20/19 22:35	1

Lab Sample ID: LCS 480-478914/5

Matrix: Water

Analysis Batch: 478914

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1,1-Trichloroethane	25.0	28.3		ug/L		113	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.0		ug/L		92	76 - 120
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.6		ug/L		98	61 - 148
1,1-Dichloroethane	25.0	24.2		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	24.8		ug/L		99	66 - 127
1,2,4-Trichlorobenzene	25.0	22.9		ug/L		92	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.6		ug/L		102	56 - 134
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	24.2		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	24.0		ug/L		96	76 - 120
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	77 - 120
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 120
2-Butanone (MEK)	125	109		ug/L		87	57 - 140
2-Hexanone	125	106		ug/L		85	65 - 127
4-Methyl-2-pentanone (MIBK)	125	104		ug/L		83	71 - 125
Acetone	125	107		ug/L		85	56 - 142
Benzene	25.0	24.4		ug/L		98	71 - 124
Bromodichloromethane	25.0	26.2		ug/L		105	80 - 122
Bromoform	25.0	27.5		ug/L		110	61 - 132
Bromomethane	25.0	27.1		ug/L		108	55 - 144
Carbon disulfide	25.0	26.2		ug/L		105	59 - 134
Carbon tetrachloride	25.0	28.7		ug/L		115	72 - 134
Chlorobenzene	25.0	23.6		ug/L		94	80 - 120
Dibromochloromethane	25.0	28.4		ug/L		114	75 - 125
Chloroethane	25.0	26.8		ug/L		107	69 - 136
Chloroform	25.0	22.1		ug/L		88	73 - 127
Chloromethane	25.0	22.7		ug/L		91	68 - 124
cis-1,2-Dichloroethene	25.0	23.8		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	26.2		ug/L		105	74 - 124
Cyclohexane	25.0	21.5		ug/L		86	59 - 135
Dichlorodifluoromethane	25.0	27.5		ug/L		110	59 - 135
Ethylbenzene	25.0	24.6		ug/L		98	77 - 123
1,2-Dibromoethane	25.0	24.8		ug/L		99	77 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Lab Sample ID: LCS 480-478914/5

Matrix: Water

Analysis Batch: 478914

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	25.0	24.9		ug/L		100	77 - 122
Methyl acetate	50.0	40.8		ug/L		82	74 - 133
Methyl tert-butyl ether	25.0	24.8		ug/L		99	77 - 120
Methylcyclohexane	25.0	25.3		ug/L		101	68 - 134
Methylene Chloride	25.0	22.5		ug/L		90	75 - 124
Styrene	25.0	25.0		ug/L		100	80 - 120
Tetrachloroethene	25.0	26.3		ug/L		105	74 - 122
Toluene	25.0	24.0		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	25.6		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	25.6		ug/L		102	80 - 120
Trichloroethene	25.0	25.0		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	27.0		ug/L		108	62 - 150
Vinyl chloride	25.0	26.2		ug/L		105	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	93		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Dibromofluoromethane (Surr)	103		75 - 123

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-478641/1-A

Matrix: Water

Analysis Batch: 479705

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478641

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/19/19 14:59	06/26/19 19:35	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/19/19 14:59	06/26/19 19:35	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 19:35	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/19/19 14:59	06/26/19 19:35	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 19:35	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/19/19 14:59	06/26/19 19:35	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 19:35	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 19:35	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 19:35	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 19:35	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/19/19 14:59	06/26/19 19:35	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 19:35	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/19/19 14:59	06/26/19 19:35	1
2-Nitroaniline	ND		10	0.42	ug/L		06/19/19 14:59	06/26/19 19:35	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/19/19 14:59	06/26/19 19:35	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 19:35	1
3-Nitroaniline	ND		10	0.48	ug/L		06/19/19 14:59	06/26/19 19:35	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 19:35	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 19:35	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/19/19 14:59	06/26/19 19:35	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 19:35	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 19:35	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-478641/1-A

Matrix: Water

Analysis Batch: 479705

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478641

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methylphenol	ND		10	0.36	ug/L		06/19/19 14:59	06/26/19 19:35	1
4-Nitroaniline	ND		10	0.25	ug/L		06/19/19 14:59	06/26/19 19:35	1
4-Nitrophenol	ND		10	1.5	ug/L		06/19/19 14:59	06/26/19 19:35	1
Acenaphthene	ND		5.0	0.41	ug/L		06/19/19 14:59	06/26/19 19:35	1
Acenaphthylene	ND		5.0	0.38	ug/L		06/19/19 14:59	06/26/19 19:35	1
Acetophenone	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 19:35	1
Anthracene	ND		5.0	0.28	ug/L		06/19/19 14:59	06/26/19 19:35	1
Atrazine	ND		5.0	0.46	ug/L		06/19/19 14:59	06/26/19 19:35	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/19/19 14:59	06/26/19 19:35	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 19:35	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 19:35	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 19:35	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 19:35	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/19/19 14:59	06/26/19 19:35	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/19/19 14:59	06/26/19 19:35	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 19:35	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 19:35	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/19/19 14:59	06/26/19 19:35	1
Caprolactam	ND		5.0	2.2	ug/L		06/19/19 14:59	06/26/19 19:35	1
Carbazole	ND		5.0	0.30	ug/L		06/19/19 14:59	06/26/19 19:35	1
Chrysene	ND		5.0	0.33	ug/L		06/19/19 14:59	06/26/19 19:35	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/19/19 14:59	06/26/19 19:35	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/19/19 14:59	06/26/19 19:35	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 19:35	1
Dibenzofuran	ND		10	0.51	ug/L		06/19/19 14:59	06/26/19 19:35	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/19/19 14:59	06/26/19 19:35	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/19/19 14:59	06/26/19 19:35	1
Fluoranthene	ND		5.0	0.40	ug/L		06/19/19 14:59	06/26/19 19:35	1
Fluorene	0.397	J	5.0	0.36	ug/L		06/19/19 14:59	06/26/19 19:35	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 19:35	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/19/19 14:59	06/26/19 19:35	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 19:35	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/19/19 14:59	06/26/19 19:35	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/19/19 14:59	06/26/19 19:35	1
Isophorone	ND		5.0	0.43	ug/L		06/19/19 14:59	06/26/19 19:35	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/19/19 14:59	06/26/19 19:35	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/19/19 14:59	06/26/19 19:35	1
Naphthalene	ND		5.0	0.76	ug/L		06/19/19 14:59	06/26/19 19:35	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/19/19 14:59	06/26/19 19:35	1
Pentachlorophenol	ND		10	2.2	ug/L		06/19/19 14:59	06/26/19 19:35	1
Phenanthrene	1.93	J	5.0	0.44	ug/L		06/19/19 14:59	06/26/19 19:35	1
Phenol	ND		5.0	0.39	ug/L		06/19/19 14:59	06/26/19 19:35	1
Pyrene	ND		5.0	0.34	ug/L		06/19/19 14:59	06/26/19 19:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	86		46 - 120	06/19/19 14:59	06/26/19 19:35	1
Phenol-d5 (Surr)	49		22 - 120	06/19/19 14:59	06/26/19 19:35	1
p-Terphenyl-d14 (Surr)	96		59 - 136	06/19/19 14:59	06/26/19 19:35	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-478641/1-A

Matrix: Water

Analysis Batch: 479705

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478641

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	92		41 - 120	06/19/19 14:59	06/26/19 19:35	1
2-Fluorobiphenyl	93		48 - 120	06/19/19 14:59	06/26/19 19:35	1
2-Fluorophenol (Surr)	64		35 - 120	06/19/19 14:59	06/26/19 19:35	1

Lab Sample ID: LCS 480-478641/2-A

Matrix: Water

Analysis Batch: 479705

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478641

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biphenyl	32.0	32.8		ug/L		102	59 - 120
bis (2-chloroisopropyl) ether	32.0	25.7		ug/L		80	21 - 136
2,4,5-Trichlorophenol	32.0	39.2		ug/L		122	65 - 126
2,4,6-Trichlorophenol	32.0	39.8	*	ug/L		124	64 - 120
2,4-Dichlorophenol	32.0	35.9		ug/L		112	63 - 120
2,4-Dimethylphenol	32.0	33.7		ug/L		105	47 - 120
2,4-Dinitrophenol	64.0	82.1		ug/L		128	31 - 137
2,4-Dinitrotoluene	32.0	36.2		ug/L		113	69 - 120
2,6-Dinitrotoluene	32.0	37.0		ug/L		116	68 - 120
2-Chloronaphthalene	32.0	32.2		ug/L		101	58 - 120
2-Chlorophenol	32.0	29.6		ug/L		92	48 - 120
2-Methylphenol	32.0	30.9		ug/L		97	39 - 120
2-Methylnaphthalene	32.0	32.7		ug/L		102	59 - 120
2-Nitroaniline	32.0	37.4		ug/L		117	54 - 127
2-Nitrophenol	32.0	33.7		ug/L		105	52 - 125
3,3'-Dichlorobenzidine	64.0	85.0		ug/L		133	49 - 135
3-Nitroaniline	32.0	25.7		ug/L		80	51 - 120
4,6-Dinitro-2-methylphenol	64.0	81.1		ug/L		127	46 - 136
4-Bromophenyl phenyl ether	32.0	34.2		ug/L		107	65 - 120
4-Chloro-3-methylphenol	32.0	33.5		ug/L		105	61 - 123
4-Chloroaniline	32.0	18.4		ug/L		58	30 - 120
4-Chlorophenyl phenyl ether	32.0	34.1		ug/L		107	62 - 120
4-Methylphenol	32.0	29.6		ug/L		93	29 - 131
4-Nitroaniline	32.0	28.9		ug/L		90	65 - 120
4-Nitrophenol	64.0	83.4	*	ug/L		130	45 - 120
Acenaphthene	32.0	34.9		ug/L		109	60 - 120
Acenaphthylene	32.0	34.7		ug/L		109	63 - 120
Acetophenone	32.0	33.2		ug/L		104	45 - 120
Anthracene	32.0	32.0		ug/L		100	67 - 120
Atrazine	64.0	76.9		ug/L		120	71 - 130
Benzaldehyde	64.0	53.6		ug/L		84	10 - 140
Benzo[a]anthracene	32.0	33.0		ug/L		103	70 - 121
Benzo[a]pyrene	32.0	31.6		ug/L		99	60 - 123
Benzo[b]fluoranthene	32.0	33.9		ug/L		106	66 - 126
Benzo[g,h,i]perylene	32.0	35.6		ug/L		111	66 - 150
Benzo[k]fluoranthene	32.0	35.7		ug/L		111	65 - 124
Bis(2-chloroethoxy)methane	32.0	30.5		ug/L		95	50 - 128
Bis(2-chloroethyl)ether	32.0	28.8		ug/L		90	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	36.3		ug/L		114	63 - 139

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-478641/2-A

Matrix: Water

Analysis Batch: 479705

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478641

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Butyl benzyl phthalate	32.0	34.5		ug/L		108	70 - 129
Caprolactam	64.0	23.8		ug/L		37	22 - 120
Carbazole	32.0	29.0		ug/L		91	66 - 123
Chrysene	32.0	34.8		ug/L		109	69 - 120
Dibenz(a,h)anthracene	32.0	35.9		ug/L		112	65 - 135
Di-n-butyl phthalate	32.0	34.3		ug/L		107	69 - 131
Di-n-octyl phthalate	32.0	35.5		ug/L		111	63 - 140
Dibenzofuran	32.0	34.1		ug/L		107	66 - 120
Diethyl phthalate	32.0	38.7		ug/L		121	59 - 127
Dimethyl phthalate	32.0	36.9		ug/L		115	68 - 120
Fluoranthene	32.0	34.4		ug/L		108	69 - 126
Fluorene	32.0	35.4		ug/L		111	66 - 120
Hexachlorobenzene	32.0	35.2		ug/L		110	61 - 120
Hexachlorobutadiene	32.0	32.9		ug/L		103	35 - 120
Hexachlorocyclopentadiene	32.0	29.4		ug/L		92	31 - 120
Hexachloroethane	32.0	28.6		ug/L		89	43 - 120
Indeno[1,2,3-cd]pyrene	32.0	35.7		ug/L		112	69 - 146
Isophorone	32.0	32.9		ug/L		103	55 - 120
N-Nitrosodi-n-propylamine	32.0	31.0		ug/L		97	32 - 140
N-Nitrosodiphenylamine	32.0	31.0		ug/L		97	61 - 120
Naphthalene	32.0	32.1		ug/L		100	57 - 120
Nitrobenzene	32.0	33.3		ug/L		104	53 - 123
Pentachlorophenol	64.0	80.0		ug/L		125	29 - 136
Phenanthrene	32.0	32.0		ug/L		100	68 - 120
Phenol	32.0	20.1		ug/L		63	17 - 120
Pyrene	32.0	33.4		ug/L		104	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	92		46 - 120
Phenol-d5 (Surr)	55		22 - 120
p-Terphenyl-d14 (Surr)	99		59 - 136
2,4,6-Tribromophenol (Surr)	120		41 - 120
2-Fluorobiphenyl	99		48 - 120
2-Fluorophenol (Surr)	72		35 - 120

Lab Sample ID: LCSD 480-478641/3-A

Matrix: Water

Analysis Batch: 479705

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 478641

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Biphenyl	32.0	29.4		ug/L		92	59 - 120	11	20
bis (2-chloroisopropyl) ether	32.0	23.4		ug/L		73	21 - 136	10	24
2,4,5-Trichlorophenol	32.0	32.7		ug/L		102	65 - 126	18	18
2,4,6-Trichlorophenol	32.0	34.4		ug/L		107	64 - 120	15	19
2,4-Dichlorophenol	32.0	31.7		ug/L		99	63 - 120	12	19
2,4-Dimethylphenol	32.0	28.2		ug/L		88	47 - 120	18	42
2,4-Dinitrophenol	64.0	71.8		ug/L		112	31 - 137	13	22
2,4-Dinitrotoluene	32.0	32.3		ug/L		101	69 - 120	11	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-478641/3-A

Matrix: Water

Analysis Batch: 479705

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 478641

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,6-Dinitrotoluene	32.0	32.0		ug/L		100	68 - 120	14	15
2-Chloronaphthalene	32.0	28.8		ug/L		90	58 - 120	11	21
2-Chlorophenol	32.0	27.2		ug/L		85	48 - 120	8	25
2-Methylphenol	32.0	27.4		ug/L		85	39 - 120	12	27
2-Methylnaphthalene	32.0	29.4		ug/L		92	59 - 120	11	21
2-Nitroaniline	32.0	32.5		ug/L		102	54 - 127	14	15
2-Nitrophenol	32.0	31.1		ug/L		97	52 - 125	8	18
3,3'-Dichlorobenzidine	64.0	73.1		ug/L		114	49 - 135	15	25
3-Nitroaniline	32.0	24.5		ug/L		77	51 - 120	5	19
4,6-Dinitro-2-methylphenol	64.0	74.3		ug/L		116	46 - 136	9	15
4-Bromophenyl phenyl ether	32.0	30.9		ug/L		97	65 - 120	10	15
4-Chloro-3-methylphenol	32.0	30.2		ug/L		94	61 - 123	10	27
4-Chloroaniline	32.0	18.1		ug/L		57	30 - 120	2	22
4-Chlorophenyl phenyl ether	32.0	30.2		ug/L		94	62 - 120	12	16
4-Methylphenol	32.0	26.2		ug/L		82	29 - 131	12	24
4-Nitroaniline	32.0	27.1		ug/L		85	65 - 120	7	24
4-Nitrophenol	64.0	75.6		ug/L		118	45 - 120	10	48
Acenaphthene	32.0	30.8		ug/L		96	60 - 120	13	24
Acenaphthylene	32.0	30.8		ug/L		96	63 - 120	12	18
Acetophenone	32.0	29.5		ug/L		92	45 - 120	12	20
Anthracene	32.0	29.8		ug/L		93	67 - 120	7	15
Atrazine	64.0	69.9		ug/L		109	71 - 130	10	20
Benzaldehyde	64.0	50.3		ug/L		79	10 - 140	6	20
Benzo[a]anthracene	32.0	29.7		ug/L		93	70 - 121	10	15
Benzo[a]pyrene	32.0	28.3		ug/L		88	60 - 123	11	15
Benzo[b]fluoranthene	32.0	30.8		ug/L		96	66 - 126	10	15
Benzo[g,h,i]perylene	32.0	32.3		ug/L		101	66 - 150	10	15
Benzo[k]fluoranthene	32.0	32.4		ug/L		101	65 - 124	10	22
Bis(2-chloroethoxy)methane	32.0	27.8		ug/L		87	50 - 128	9	17
Bis(2-chloroethyl)ether	32.0	25.4		ug/L		79	44 - 120	13	21
Bis(2-ethylhexyl) phthalate	32.0	33.5		ug/L		105	63 - 139	8	15
Butyl benzyl phthalate	32.0	31.7		ug/L		99	70 - 129	9	16
Caprolactam	64.0	21.4		ug/L		33	22 - 120	11	20
Carbazole	32.0	27.5		ug/L		86	66 - 123	6	20
Chrysene	32.0	32.1		ug/L		100	69 - 120	8	15
Dibenz(a,h)anthracene	32.0	32.5		ug/L		101	65 - 135	10	15
Di-n-butyl phthalate	32.0	32.1		ug/L		100	69 - 131	7	15
Di-n-octyl phthalate	32.0	32.2		ug/L		101	63 - 140	10	16
Dibenzofuran	32.0	30.0		ug/L		94	66 - 120	13	15
Diethyl phthalate	32.0	33.4		ug/L		104	59 - 127	15	15
Dimethyl phthalate	32.0	33.1		ug/L		103	68 - 120	11	15
Fluoranthene	32.0	31.3		ug/L		98	69 - 126	9	15
Fluorene	32.0	31.3		ug/L		98	66 - 120	12	15
Hexachlorobenzene	32.0	31.8		ug/L		100	61 - 120	10	15
Hexachlorobutadiene	32.0	28.8		ug/L		90	35 - 120	13	44
Hexachlorocyclopentadiene	32.0	26.6		ug/L		83	31 - 120	10	49
Hexachloroethane	32.0	25.9		ug/L		81	43 - 120	10	46
Indeno[1,2,3-cd]pyrene	32.0	31.9		ug/L		100	69 - 146	11	15
Isophorone	32.0	29.5		ug/L		92	55 - 120	11	17

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-478641/3-A

Matrix: Water

Analysis Batch: 479705

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 478641

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
N-Nitrosodi-n-propylamine	32.0	27.6		ug/L		86	32 - 140	11	31
N-Nitrosodiphenylamine	32.0	29.3		ug/L		92	61 - 120	6	15
Naphthalene	32.0	28.9		ug/L		90	57 - 120	11	29
Nitrobenzene	32.0	30.0		ug/L		94	53 - 123	10	24
Pentachlorophenol	64.0	65.2		ug/L		102	29 - 136	20	37
Phenanthrene	32.0	32.3		ug/L		101	68 - 120	1	15
Phenol	32.0	17.9		ug/L		56	17 - 120	12	34
Pyrene	32.0	30.0		ug/L		94	70 - 125	11	19

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	85		46 - 120
Phenol-d5 (Surr)	49		22 - 120
p-Terphenyl-d14 (Surr)	91		59 - 136
2,4,6-Tribromophenol (Surr)	109		41 - 120
2-Fluorobiphenyl	91		48 - 120
2-Fluorophenol (Surr)	62		35 - 120

Lab Sample ID: MB 480-478877/1-A

Matrix: Water

Analysis Batch: 480216

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478877

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		06/20/19 15:16	06/28/19 21:29	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		06/20/19 15:16	06/28/19 21:29	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		06/20/19 15:16	06/28/19 21:29	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		06/20/19 15:16	06/28/19 21:29	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		06/20/19 15:16	06/28/19 21:29	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		06/20/19 15:16	06/28/19 21:29	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		06/20/19 15:16	06/28/19 21:29	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		06/20/19 15:16	06/28/19 21:29	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		06/20/19 15:16	06/28/19 21:29	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		06/20/19 15:16	06/28/19 21:29	1
2-Chlorophenol	ND		5.0	0.53	ug/L		06/20/19 15:16	06/28/19 21:29	1
2-Methylphenol	ND		5.0	0.40	ug/L		06/20/19 15:16	06/28/19 21:29	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		06/20/19 15:16	06/28/19 21:29	1
2-Nitroaniline	ND		10	0.42	ug/L		06/20/19 15:16	06/28/19 21:29	1
2-Nitrophenol	ND		5.0	0.48	ug/L		06/20/19 15:16	06/28/19 21:29	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		06/20/19 15:16	06/28/19 21:29	1
3-Nitroaniline	ND		10	0.48	ug/L		06/20/19 15:16	06/28/19 21:29	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		06/20/19 15:16	06/28/19 21:29	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		06/20/19 15:16	06/28/19 21:29	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		06/20/19 15:16	06/28/19 21:29	1
4-Chloroaniline	ND		5.0	0.59	ug/L		06/20/19 15:16	06/28/19 21:29	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		06/20/19 15:16	06/28/19 21:29	1
4-Methylphenol	ND		10	0.36	ug/L		06/20/19 15:16	06/28/19 21:29	1
4-Nitroaniline	ND		10	0.25	ug/L		06/20/19 15:16	06/28/19 21:29	1
4-Nitrophenol	ND		10	1.5	ug/L		06/20/19 15:16	06/28/19 21:29	1
Acenaphthene	ND		5.0	0.41	ug/L		06/20/19 15:16	06/28/19 21:29	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-478877/1-A

Matrix: Water

Analysis Batch: 480216

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478877

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		5.0	0.38	ug/L		06/20/19 15:16	06/28/19 21:29	1
Acetophenone	ND		5.0	0.54	ug/L		06/20/19 15:16	06/28/19 21:29	1
Anthracene	ND		5.0	0.28	ug/L		06/20/19 15:16	06/28/19 21:29	1
Atrazine	ND		5.0	0.46	ug/L		06/20/19 15:16	06/28/19 21:29	1
Benzaldehyde	ND		5.0	0.27	ug/L		06/20/19 15:16	06/28/19 21:29	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		06/20/19 15:16	06/28/19 21:29	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		06/20/19 15:16	06/28/19 21:29	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		06/20/19 15:16	06/28/19 21:29	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		06/20/19 15:16	06/28/19 21:29	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		06/20/19 15:16	06/28/19 21:29	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		06/20/19 15:16	06/28/19 21:29	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		06/20/19 15:16	06/28/19 21:29	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		06/20/19 15:16	06/28/19 21:29	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		06/20/19 15:16	06/28/19 21:29	1
Caprolactam	ND		5.0	2.2	ug/L		06/20/19 15:16	06/28/19 21:29	1
Carbazole	ND		5.0	0.30	ug/L		06/20/19 15:16	06/28/19 21:29	1
Chrysene	ND		5.0	0.33	ug/L		06/20/19 15:16	06/28/19 21:29	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		06/20/19 15:16	06/28/19 21:29	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		06/20/19 15:16	06/28/19 21:29	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		06/20/19 15:16	06/28/19 21:29	1
Dibenzofuran	ND		10	0.51	ug/L		06/20/19 15:16	06/28/19 21:29	1
Diethyl phthalate	ND		5.0	0.22	ug/L		06/20/19 15:16	06/28/19 21:29	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		06/20/19 15:16	06/28/19 21:29	1
Fluoranthene	ND		5.0	0.40	ug/L		06/20/19 15:16	06/28/19 21:29	1
Fluorene	ND		5.0	0.36	ug/L		06/20/19 15:16	06/28/19 21:29	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		06/20/19 15:16	06/28/19 21:29	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		06/20/19 15:16	06/28/19 21:29	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		06/20/19 15:16	06/28/19 21:29	1
Hexachloroethane	ND		5.0	0.59	ug/L		06/20/19 15:16	06/28/19 21:29	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		06/20/19 15:16	06/28/19 21:29	1
Isophorone	ND		5.0	0.43	ug/L		06/20/19 15:16	06/28/19 21:29	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		06/20/19 15:16	06/28/19 21:29	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		06/20/19 15:16	06/28/19 21:29	1
Naphthalene	ND		5.0	0.76	ug/L		06/20/19 15:16	06/28/19 21:29	1
Nitrobenzene	ND		5.0	0.29	ug/L		06/20/19 15:16	06/28/19 21:29	1
Pentachlorophenol	ND		10	2.2	ug/L		06/20/19 15:16	06/28/19 21:29	1
Phenanthrene	0.849	J	5.0	0.44	ug/L		06/20/19 15:16	06/28/19 21:29	1
Phenol	0.572	J	5.0	0.39	ug/L		06/20/19 15:16	06/28/19 21:29	1
Pyrene	ND		5.0	0.34	ug/L		06/20/19 15:16	06/28/19 21:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	89		46 - 120	06/20/19 15:16	06/28/19 21:29	1
Phenol-d5 (Surr)	52		22 - 120	06/20/19 15:16	06/28/19 21:29	1
p-Terphenyl-d14 (Surr)	98		59 - 136	06/20/19 15:16	06/28/19 21:29	1
2,4,6-Tribromophenol (Surr)	81		41 - 120	06/20/19 15:16	06/28/19 21:29	1
2-Fluorobiphenyl	95		48 - 120	06/20/19 15:16	06/28/19 21:29	1
2-Fluorophenol (Surr)	72		35 - 120	06/20/19 15:16	06/28/19 21:29	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-478877/2-A

Matrix: Water

Analysis Batch: 480216

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478877

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Biphenyl	32.0	28.8		ug/L		90	59 - 120
bis (2-chloroisopropyl) ether	32.0	27.6		ug/L		86	21 - 136
2,4,5-Trichlorophenol	32.0	30.3		ug/L		95	65 - 126
2,4,6-Trichlorophenol	32.0	30.2		ug/L		95	64 - 120
2,4-Dichlorophenol	32.0	30.4		ug/L		95	63 - 120
2,4-Dimethylphenol	32.0	29.6		ug/L		93	47 - 120
2,4-Dinitrophenol	64.0	65.8		ug/L		103	31 - 137
2,4-Dinitrotoluene	32.0	31.4		ug/L		98	69 - 120
2,6-Dinitrotoluene	32.0	30.8		ug/L		96	68 - 120
2-Chloronaphthalene	32.0	28.4		ug/L		89	58 - 120
2-Chlorophenol	32.0	28.7		ug/L		90	48 - 120
2-Methylphenol	32.0	28.6		ug/L		89	39 - 120
2-Methylnaphthalene	32.0	28.9		ug/L		90	59 - 120
2-Nitroaniline	32.0	31.1		ug/L		97	54 - 127
2-Nitrophenol	32.0	30.5		ug/L		95	52 - 125
3,3'-Dichlorobenzidine	64.0	61.5		ug/L		96	49 - 135
3-Nitroaniline	32.0	27.7		ug/L		87	51 - 120
4,6-Dinitro-2-methylphenol	64.0	68.7		ug/L		107	46 - 136
4-Bromophenyl phenyl ether	32.0	29.4		ug/L		92	65 - 120
4-Chloro-3-methylphenol	32.0	30.7		ug/L		96	61 - 123
4-Chloroaniline	32.0	25.8		ug/L		81	30 - 120
4-Chlorophenyl phenyl ether	32.0	29.2		ug/L		91	62 - 120
4-Methylphenol	32.0	27.5		ug/L		86	29 - 131
4-Nitroaniline	32.0	30.7		ug/L		96	65 - 120
4-Nitrophenol	64.0	51.8		ug/L		81	45 - 120
Acenaphthene	32.0	29.2		ug/L		91	60 - 120
Acenaphthylene	32.0	30.7		ug/L		96	63 - 120
Acetophenone	32.0	29.1		ug/L		91	45 - 120
Anthracene	32.0	29.6		ug/L		92	67 - 120
Atrazine	64.0	69.2		ug/L		108	71 - 130
Benzaldehyde	64.0	62.1		ug/L		97	10 - 140
Benzo[a]anthracene	32.0	30.1		ug/L		94	70 - 121
Benzo[a]pyrene	32.0	28.9		ug/L		90	60 - 123
Benzo[b]fluoranthene	32.0	32.3		ug/L		101	66 - 126
Benzo[g,h,i]perylene	32.0	30.9		ug/L		97	66 - 150
Benzo[k]fluoranthene	32.0	31.6		ug/L		99	65 - 124
Bis(2-chloroethoxy)methane	32.0	29.4		ug/L		92	50 - 128
Bis(2-chloroethyl)ether	32.0	29.4		ug/L		92	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	32.2		ug/L		101	63 - 139
Butyl benzyl phthalate	32.0	30.7		ug/L		96	70 - 129
Caprolactam	64.0	23.7		ug/L		37	22 - 120
Carbazole	32.0	32.4		ug/L		101	66 - 123
Chrysene	32.0	30.0		ug/L		94	69 - 120
Dibenz(a,h)anthracene	32.0	30.8		ug/L		96	65 - 135
Di-n-butyl phthalate	32.0	31.3		ug/L		98	69 - 131
Di-n-octyl phthalate	32.0	32.0		ug/L		100	63 - 140
Dibenzofuran	32.0	29.5		ug/L		92	66 - 120
Diethyl phthalate	32.0	31.5		ug/L		98	59 - 127

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-478877/2-A

Matrix: Water

Analysis Batch: 480216

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478877

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dimethyl phthalate	32.0	30.3		ug/L		95	68 - 120
Fluoranthene	32.0	30.2		ug/L		94	69 - 126
Fluorene	32.0	29.6		ug/L		92	66 - 120
Hexachlorobenzene	32.0	29.1		ug/L		91	61 - 120
Hexachlorobutadiene	32.0	27.1		ug/L		85	35 - 120
Hexachlorocyclopentadiene	32.0	27.7		ug/L		87	31 - 120
Hexachloroethane	32.0	26.3		ug/L		82	43 - 120
Indeno[1,2,3-cd]pyrene	32.0	30.5		ug/L		95	69 - 146
Isophorone	32.0	30.2		ug/L		94	55 - 120
N-Nitrosodi-n-propylamine	32.0	29.7		ug/L		93	32 - 140
N-Nitrosodiphenylamine	32.0	29.8		ug/L		93	61 - 120
Naphthalene	32.0	28.2		ug/L		88	57 - 120
Nitrobenzene	32.0	29.8		ug/L		93	53 - 123
Pentachlorophenol	64.0	62.1		ug/L		97	29 - 136
Phenanthrene	32.0	29.3		ug/L		92	68 - 120
Phenol	32.0	20.2		ug/L		63	17 - 120
Pyrene	32.0	31.3		ug/L		98	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	89		46 - 120
Phenol-d5 (Surr)	57		22 - 120
p-Terphenyl-d14 (Surr)	90		59 - 136
2,4,6-Tribromophenol (Surr)	89		41 - 120
2-Fluorobiphenyl	89		48 - 120
2-Fluorophenol (Surr)	72		35 - 120

Lab Sample ID: LCSD 480-478877/3-A

Matrix: Water

Analysis Batch: 480216

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 478877

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Biphenyl	32.0	31.6		ug/L		99	59 - 120	9	20
bis (2-chloroisopropyl) ether	32.0	30.1		ug/L		94	21 - 136	9	24
2,4,5-Trichlorophenol	32.0	33.8		ug/L		106	65 - 126	11	18
2,4,6-Trichlorophenol	32.0	32.7		ug/L		102	64 - 120	8	19
2,4-Dichlorophenol	32.0	33.4		ug/L		104	63 - 120	10	19
2,4-Dimethylphenol	32.0	32.0		ug/L		100	47 - 120	8	42
2,4-Dinitrophenol	64.0	72.6		ug/L		113	31 - 137	10	22
2,4-Dinitrotoluene	32.0	34.3		ug/L		107	69 - 120	9	20
2,6-Dinitrotoluene	32.0	34.5		ug/L		108	68 - 120	11	15
2-Chloronaphthalene	32.0	30.8		ug/L		96	58 - 120	8	21
2-Chlorophenol	32.0	30.9		ug/L		97	48 - 120	7	25
2-Methylphenol	32.0	30.9		ug/L		97	39 - 120	8	27
2-Methylnaphthalene	32.0	31.3		ug/L		98	59 - 120	8	21
2-Nitroaniline	32.0	34.4		ug/L		107	54 - 127	10	15
2-Nitrophenol	32.0	34.0		ug/L		106	52 - 125	11	18
3,3'-Dichlorobenzidine	64.0	65.4		ug/L		102	49 - 135	6	25
3-Nitroaniline	32.0	29.1		ug/L		91	51 - 120	5	19

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-478877/3-A

Matrix: Water

Analysis Batch: 480216

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 478877

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,6-Dinitro-2-methylphenol	64.0	75.3		ug/L		118	46 - 136	9	15
4-Bromophenyl phenyl ether	32.0	31.7		ug/L		99	65 - 120	7	15
4-Chloro-3-methylphenol	32.0	33.3		ug/L		104	61 - 123	8	27
4-Chloroaniline	32.0	27.2		ug/L		85	30 - 120	5	22
4-Chlorophenyl phenyl ether	32.0	32.1		ug/L		100	62 - 120	10	16
4-Methylphenol	32.0	29.4		ug/L		92	29 - 131	7	24
4-Nitroaniline	32.0	32.7		ug/L		102	65 - 120	6	24
4-Nitrophenol	64.0	55.9		ug/L		87	45 - 120	8	48
Acenaphthene	32.0	32.1		ug/L		100	60 - 120	9	24
Acenaphthylene	32.0	33.3		ug/L		104	63 - 120	8	18
Acetophenone	32.0	31.6		ug/L		99	45 - 120	8	20
Anthracene	32.0	31.5		ug/L		98	67 - 120	6	15
Atrazine	64.0	74.9		ug/L		117	71 - 130	8	20
Benzaldehyde	64.0	67.1		ug/L		105	10 - 140	8	20
Benzo[a]anthracene	32.0	31.9		ug/L		100	70 - 121	6	15
Benzo[a]pyrene	32.0	31.0		ug/L		97	60 - 123	7	15
Benzo[b]fluoranthene	32.0	34.3		ug/L		107	66 - 126	6	15
Benzo[g,h,i]perylene	32.0	33.4		ug/L		104	66 - 150	8	15
Benzo[k]fluoranthene	32.0	34.6		ug/L		108	65 - 124	9	22
Bis(2-chloroethoxy)methane	32.0	32.0		ug/L		100	50 - 128	8	17
Bis(2-chloroethyl)ether	32.0	32.6		ug/L		102	44 - 120	10	21
Bis(2-ethylhexyl) phthalate	32.0	34.3		ug/L		107	63 - 139	6	15
Butyl benzyl phthalate	32.0	33.7		ug/L		105	70 - 129	9	16
Caprolactam	64.0	24.1		ug/L		38	22 - 120	2	20
Carbazole	32.0	33.8		ug/L		106	66 - 123	4	20
Chrysene	32.0	32.3		ug/L		101	69 - 120	7	15
Dibenz(a,h)anthracene	32.0	33.5		ug/L		105	65 - 135	8	15
Di-n-butyl phthalate	32.0	32.8		ug/L		103	69 - 131	5	15
Di-n-octyl phthalate	32.0	34.5		ug/L		108	63 - 140	7	16
Dibenzofuran	32.0	32.0		ug/L		100	66 - 120	8	15
Diethyl phthalate	32.0	33.9		ug/L		106	59 - 127	8	15
Dimethyl phthalate	32.0	33.2		ug/L		104	68 - 120	9	15
Fluoranthene	32.0	31.7		ug/L		99	69 - 126	5	15
Fluorene	32.0	32.0		ug/L		100	66 - 120	8	15
Hexachlorobenzene	32.0	31.7		ug/L		99	61 - 120	9	15
Hexachlorobutadiene	32.0	29.2		ug/L		91	35 - 120	7	44
Hexachlorocyclopentadiene	32.0	29.8		ug/L		93	31 - 120	7	49
Hexachloroethane	32.0	29.3		ug/L		92	43 - 120	11	46
Indeno[1,2,3-cd]pyrene	32.0	33.3		ug/L		104	69 - 146	9	15
Isophorone	32.0	33.1		ug/L		103	55 - 120	9	17
N-Nitrosodi-n-propylamine	32.0	32.7		ug/L		102	32 - 140	10	31
N-Nitrosodiphenylamine	32.0	31.8		ug/L		99	61 - 120	6	15
Naphthalene	32.0	30.5		ug/L		95	57 - 120	8	29
Nitrobenzene	32.0	32.9		ug/L		103	53 - 123	10	24
Pentachlorophenol	64.0	68.0		ug/L		106	29 - 136	9	37
Phenanthrene	32.0	31.0		ug/L		97	68 - 120	6	15
Phenol	32.0	21.5		ug/L		67	17 - 120	6	34
Pyrene	32.0	33.8		ug/L		106	70 - 125	8	19

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-478877/3-A

Matrix: Water

Analysis Batch: 480216

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 478877

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	98		46 - 120
Phenol-d5 (Surr)	60		22 - 120
p-Terphenyl-d14 (Surr)	96		59 - 136
2,4,6-Tribromophenol (Surr)	97		41 - 120
2-Fluorobiphenyl	95		48 - 120
2-Fluorophenol (Surr)	78		35 - 120

Method: 608.3 - Organochlorine Pesticides in Water

Lab Sample ID: MB 480-478633/1-A

Matrix: Water

Analysis Batch: 478752

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/19/19 14:52	06/20/19 11:26	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/19/19 14:52	06/20/19 11:26	1
beta-BHC	ND		0.050	0.025	ug/L		06/19/19 14:52	06/20/19 11:26	1
delta-BHC	ND		0.050	0.010	ug/L		06/19/19 14:52	06/20/19 11:26	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/19/19 14:52	06/20/19 11:26	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/19/19 14:52	06/20/19 11:26	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/19/19 14:52	06/20/19 11:26	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 11:26	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 11:26	1
Dieldrin	ND		0.050	0.0098	ug/L		06/19/19 14:52	06/20/19 11:26	1
Endosulfan I	ND		0.050	0.011	ug/L		06/19/19 14:52	06/20/19 11:26	1
Endosulfan II	ND		0.050	0.012	ug/L		06/19/19 14:52	06/20/19 11:26	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 11:26	1
Endrin	ND		0.050	0.014	ug/L		06/19/19 14:52	06/20/19 11:26	1
Endrin aldehyde	ND		0.050	0.016	ug/L		06/19/19 14:52	06/20/19 11:26	1
Heptachlor	ND		0.050	0.0085	ug/L		06/19/19 14:52	06/20/19 11:26	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/19/19 14:52	06/20/19 11:26	1
Toxaphene	ND		0.50	0.12	ug/L		06/19/19 14:52	06/20/19 11:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		23 - 120	06/19/19 14:52	06/20/19 11:26	1
DCB Decachlorobiphenyl	55		23 - 120	06/19/19 14:52	06/20/19 11:26	1
Tetrachloro-m-xylene	91		44 - 120	06/19/19 14:52	06/20/19 11:26	1
Tetrachloro-m-xylene	80		44 - 120	06/19/19 14:52	06/20/19 11:26	1

Lab Sample ID: LCS 480-478633/2-A

Matrix: Water

Analysis Batch: 478752

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.500	0.334		ug/L		67	40 - 125
alpha-BHC	0.500	0.389		ug/L		78	52 - 125
beta-BHC	0.500	0.428		ug/L		86	52 - 120
delta-BHC	0.500	0.475		ug/L		95	51 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: LCS 480-478633/2-A

Matrix: Water

Analysis Batch: 478752

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.500	0.435		ug/L		87	56 - 120
4,4'-DDD	0.500	0.518		ug/L		104	64 - 129
4,4'-DDE	0.500	0.430		ug/L		86	50 - 120
4,4'-DDT	0.500	0.535		ug/L		107	59 - 120
Dieldrin	0.500	0.503		ug/L		101	66 - 128
Endosulfan I	0.500	0.440		ug/L		88	57 - 120
Endosulfan II	0.500	0.481		ug/L		96	66 - 131
Endosulfan sulfate	0.500	0.535		ug/L		107	66 - 131
Endrin	0.500	0.500		ug/L		100	65 - 135
Endrin aldehyde	0.500	0.401		ug/L		80	61 - 134
Heptachlor	0.500	0.422		ug/L		84	58 - 120
Heptachlor epoxide	0.500	0.459		ug/L		92	65 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	51		23 - 120
DCB Decachlorobiphenyl	48		23 - 120
Tetrachloro-m-xylene	80		44 - 120
Tetrachloro-m-xylene	75		44 - 120

Lab Sample ID: LCSD 480-478633/3-A

Matrix: Water

Analysis Batch: 478752

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 478633

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	0.500	0.344		ug/L		69	40 - 125	3	50
alpha-BHC	0.500	0.379		ug/L		76	52 - 125	3	50
beta-BHC	0.500	0.461		ug/L		92	52 - 120	7	50
delta-BHC	0.500	0.489		ug/L		98	51 - 120	3	50
gamma-BHC (Lindane)	0.500	0.452		ug/L		90	56 - 120	4	50
4,4'-DDD	0.500	0.546		ug/L		109	64 - 129	5	50
4,4'-DDE	0.500	0.450		ug/L		90	50 - 120	4	50
4,4'-DDT	0.500	0.557		ug/L		111	59 - 120	4	50
Dieldrin	0.500	0.518		ug/L		104	66 - 128	3	50
Endosulfan I	0.500	0.460		ug/L		92	57 - 120	4	50
Endosulfan II	0.500	0.507		ug/L		101	66 - 131	5	50
Endosulfan sulfate	0.500	0.562		ug/L		112	66 - 131	5	50
Endrin	0.500	0.527		ug/L		105	65 - 135	5	50
Endrin aldehyde	0.500	0.367		ug/L		73	61 - 134	9	50
Heptachlor	0.500	0.428		ug/L		86	58 - 120	2	50
Heptachlor epoxide	0.500	0.483		ug/L		97	65 - 125	5	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	54		23 - 120
DCB Decachlorobiphenyl	54		23 - 120
Tetrachloro-m-xylene	86		44 - 120
Tetrachloro-m-xylene	67		44 - 120

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: MB 480-478888/1-A

Matrix: Water

Analysis Batch: 478947

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478888

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050	0.0081	ug/L		06/20/19 15:44	06/21/19 10:17	1
alpha-BHC	ND		0.050	0.0077	ug/L		06/20/19 15:44	06/21/19 10:17	1
beta-BHC	ND		0.050	0.025	ug/L		06/20/19 15:44	06/21/19 10:17	1
delta-BHC	ND		0.050	0.010	ug/L		06/20/19 15:44	06/21/19 10:17	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		06/20/19 15:44	06/21/19 10:17	1
Chlordane (technical)	ND		0.50	0.29	ug/L		06/20/19 15:44	06/21/19 10:17	1
4,4'-DDD	ND		0.050	0.0092	ug/L		06/20/19 15:44	06/21/19 10:17	1
4,4'-DDE	ND		0.050	0.012	ug/L		06/20/19 15:44	06/21/19 10:17	1
4,4'-DDT	ND		0.050	0.011	ug/L		06/20/19 15:44	06/21/19 10:17	1
Dieldrin	ND		0.050	0.0098	ug/L		06/20/19 15:44	06/21/19 10:17	1
Endosulfan I	ND		0.050	0.011	ug/L		06/20/19 15:44	06/21/19 10:17	1
Endosulfan II	ND		0.050	0.012	ug/L		06/20/19 15:44	06/21/19 10:17	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		06/20/19 15:44	06/21/19 10:17	1
Endrin	ND		0.050	0.014	ug/L		06/20/19 15:44	06/21/19 10:17	1
Endrin aldehyde	ND		0.050	0.016	ug/L		06/20/19 15:44	06/21/19 10:17	1
Heptachlor	ND		0.050	0.0085	ug/L		06/20/19 15:44	06/21/19 10:17	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		06/20/19 15:44	06/21/19 10:17	1
Toxaphene	ND		0.50	0.12	ug/L		06/20/19 15:44	06/21/19 10:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		23 - 120	06/20/19 15:44	06/21/19 10:17	1
DCB Decachlorobiphenyl	54		23 - 120	06/20/19 15:44	06/21/19 10:17	1
Tetrachloro-m-xylene	84		44 - 120	06/20/19 15:44	06/21/19 10:17	1
Tetrachloro-m-xylene	87		44 - 120	06/20/19 15:44	06/21/19 10:17	1

Lab Sample ID: LCS 480-478888/2-A

Matrix: Water

Analysis Batch: 478947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478888

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.500	0.398		ug/L		80	40 - 125
alpha-BHC	0.500	0.406		ug/L		81	52 - 125
beta-BHC	0.500	0.457		ug/L		91	52 - 120
delta-BHC	0.500	0.507		ug/L		101	51 - 120
gamma-BHC (Lindane)	0.500	0.473		ug/L		95	56 - 120
4,4'-DDD	0.500	0.565		ug/L		113	64 - 129
4,4'-DDE	0.500	0.490		ug/L		98	50 - 120
4,4'-DDT	0.500	0.557		ug/L		111	59 - 120
Dieldrin	0.500	0.541		ug/L		108	66 - 128
Endosulfan I	0.500	0.502		ug/L		100	57 - 120
Endosulfan II	0.500	0.525		ug/L		105	66 - 131
Endosulfan sulfate	0.500	0.668	*	ug/L		134	66 - 131
Endrin	0.500	0.545		ug/L		109	65 - 135
Endrin aldehyde	0.500	0.421		ug/L		84	61 - 134
Heptachlor	0.500	0.458		ug/L		92	58 - 120
Heptachlor epoxide	0.500	0.504		ug/L		101	65 - 125

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 608.3 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: LCS 480-478888/2-A

Matrix: Water

Analysis Batch: 478947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478888

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	62		23 - 120
DCB Decachlorobiphenyl	57		23 - 120
Tetrachloro-m-xylene	85		44 - 120
Tetrachloro-m-xylene	86		44 - 120

Lab Sample ID: LCSD 480-478888/3-A

Matrix: Water

Analysis Batch: 478947

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 478888

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	0.500	0.420		ug/L		84	40 - 125	5	50
alpha-BHC	0.500	0.412		ug/L		82	52 - 125	1	50
beta-BHC	0.500	0.462		ug/L		92	52 - 120	1	50
delta-BHC	0.500	0.513		ug/L		103	51 - 120	1	50
gamma-BHC (Lindane)	0.500	0.483		ug/L		97	56 - 120	2	50
4,4'-DDD	0.500	0.571		ug/L		114	64 - 129	1	50
4,4'-DDE	0.500	0.501		ug/L		100	50 - 120	2	50
4,4'-DDT	0.500	0.568		ug/L		114	59 - 120	2	50
Dieldrin	0.500	0.541		ug/L		108	66 - 128	0	50
Endosulfan I	0.500	0.505		ug/L		101	57 - 120	1	50
Endosulfan II	0.500	0.530		ug/L		106	66 - 131	1	50
Endosulfan sulfate	0.500	0.684	*	ug/L		137	66 - 131	2	50
Endrin	0.500	0.549		ug/L		110	65 - 135	1	50
Endrin aldehyde	0.500	0.445		ug/L		89	61 - 134	5	50
Heptachlor	0.500	0.470		ug/L		94	58 - 120	3	50
Heptachlor epoxide	0.500	0.510		ug/L		102	65 - 125	1	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	61		23 - 120
DCB Decachlorobiphenyl	56		23 - 120
Tetrachloro-m-xylene	80		44 - 120
Tetrachloro-m-xylene	86		44 - 120

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-479083/1-A

Matrix: Water

Analysis Batch: 479297

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 479083

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 15:09	1
PCB-1221	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 15:09	1
PCB-1232	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 15:09	1
PCB-1242	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 15:09	1
PCB-1248	ND		0.060	0.038	ug/L		06/21/19 15:56	06/24/19 15:09	1
PCB-1254	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 15:09	1
PCB-1260	ND		0.060	0.031	ug/L		06/21/19 15:56	06/24/19 15:09	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: MB 480-479083/1-A

Matrix: Water

Analysis Batch: 479297

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 479083

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52		36 - 121	06/21/19 15:56	06/24/19 15:09	1
DCB Decachlorobiphenyl	47		36 - 121	06/21/19 15:56	06/24/19 15:09	1
Tetrachloro-m-xylene	79		42 - 135	06/21/19 15:56	06/24/19 15:09	1
Tetrachloro-m-xylene	62		42 - 135	06/21/19 15:56	06/24/19 15:09	1

Lab Sample ID: LCS 480-479083/2-A

Matrix: Water

Analysis Batch: 479297

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 479083

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	0.990		ug/L		99	69 - 123
PCB-1260	1.00	0.822		ug/L		82	69 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	41		36 - 121
DCB Decachlorobiphenyl	42		36 - 121
Tetrachloro-m-xylene	69		42 - 135
Tetrachloro-m-xylene	51		42 - 135

Lab Sample ID: LCSD 480-479083/3-A

Matrix: Water

Analysis Batch: 479297

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 479083

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	1.00	1.07		ug/L		107	69 - 123	8	30
PCB-1260	1.00	0.878		ug/L		88	69 - 120	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	50		36 - 121
DCB Decachlorobiphenyl	49		36 - 121
Tetrachloro-m-xylene	79		42 - 135
Tetrachloro-m-xylene	59		42 - 135

Lab Sample ID: MB 480-479370/1-A

Matrix: Water

Analysis Batch: 479496

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 479370

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 15:44	1
PCB-1221	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 15:44	1
PCB-1232	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 15:44	1
PCB-1242	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 15:44	1
PCB-1248	ND		0.060	0.038	ug/L		06/24/19 17:13	06/25/19 15:44	1
PCB-1254	ND		0.060	0.031	ug/L		06/24/19 17:13	06/25/19 15:44	1
PCB-1260	ND		0.060	0.031	ug/L		06/24/19 17:13	06/25/19 15:44	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 608.3 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: MB 480-479370/1-A

Matrix: Water

Analysis Batch: 479496

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 479370

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		36 - 121	06/24/19 17:13	06/25/19 15:44	1
DCB Decachlorobiphenyl	44		36 - 121	06/24/19 17:13	06/25/19 15:44	1
Tetrachloro-m-xylene	87		42 - 135	06/24/19 17:13	06/25/19 15:44	1
Tetrachloro-m-xylene	74		42 - 135	06/24/19 17:13	06/25/19 15:44	1

Lab Sample ID: LCS 480-479370/2-A

Matrix: Water

Analysis Batch: 479496

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 479370

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	1.00	0.982		ug/L		98	69 - 123
PCB-1260	1.00	0.703		ug/L		70	69 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	41		36 - 121
DCB Decachlorobiphenyl	43		36 - 121
Tetrachloro-m-xylene	90		42 - 135
Tetrachloro-m-xylene	70		42 - 135

Lab Sample ID: LCSD 480-479370/3-A

Matrix: Water

Analysis Batch: 479496

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 479370

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	1.00	1.07		ug/L		107	69 - 123	9	30
PCB-1260	1.00	0.872		ug/L		87	69 - 120	22	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	52		36 - 121
DCB Decachlorobiphenyl	52		36 - 121
Tetrachloro-m-xylene	105		42 - 135
Tetrachloro-m-xylene	84		42 - 135

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-144457/1-A

Matrix: Water

Analysis Batch: 144742

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 144457

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.0	1.0	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.63	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.76	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.91	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.63	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.77	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.53	ng/L		06/25/19 11:25	07/04/19 22:34	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 200-144457/1-A

Matrix: Water

Analysis Batch: 144742

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 144457

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.59	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	0.60	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.92	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.49	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.80	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.95	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.61	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.90	ng/L		06/25/19 11:25	07/04/19 22:34	1
Perfluorooctanesulfonamide (PFOSA)	ND		10	10	ng/L		06/25/19 11:25	07/04/19 22:34	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		20	1.7	ng/L		06/25/19 11:25	07/04/19 22:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		20	1.5	ng/L		06/25/19 11:25	07/04/19 22:34	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		20	4.6	ng/L		06/25/19 11:25	07/04/19 22:34	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		20	2.9	ng/L		06/25/19 11:25	07/04/19 22:34	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	116		50 - 150	06/25/19 11:25	07/04/19 22:34	1
13C4 PFHpA	92		50 - 150	06/25/19 11:25	07/04/19 22:34	1
13C4 PFOA	102		50 - 150	06/25/19 11:25	07/04/19 22:34	1
13C4 PFOS	96		50 - 150	06/25/19 11:25	07/04/19 22:34	1
13C5 PFNA	88		50 - 150	06/25/19 11:25	07/04/19 22:34	1
13C4 PFBA	84		25 - 150	06/25/19 11:25	07/04/19 22:34	1
13C2 PFHxA	87		50 - 150	06/25/19 11:25	07/04/19 22:34	1
13C2 PFDA	95		50 - 150	06/25/19 11:25	07/04/19 22:34	1
13C2 PFUnA	91		50 - 150	06/25/19 11:25	07/04/19 22:34	1
13C2 PFDoA	75		50 - 150	06/25/19 11:25	07/04/19 22:34	1
13C8 FOSA	49		25 - 150	06/25/19 11:25	07/04/19 22:34	1
13C5 PFPeA	77		25 - 150	06/25/19 11:25	07/04/19 22:34	1
13C2 PFTeDA	68		50 - 150	06/25/19 11:25	07/04/19 22:34	1
d3-NMeFOSAA	81		50 - 150	06/25/19 11:25	07/04/19 22:34	1
d5-NEtFOSAA	94		50 - 150	06/25/19 11:25	07/04/19 22:34	1
M2-6:2 FTS	112		25 - 150	06/25/19 11:25	07/04/19 22:34	1
M2-8:2 FTS	105		25 - 150	06/25/19 11:25	07/04/19 22:34	1
13C3 PFBS	130		50 - 150	06/25/19 11:25	07/04/19 22:34	1

Lab Sample ID: LCS 200-144457/2-A

Matrix: Water

Analysis Batch: 144742

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 144457

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	30.1		ng/L		75	50 - 150
Perfluoropentanoic acid (PFPeA)	40.0	45.1		ng/L		113	50 - 150
Perfluorohexanoic acid (PFHxA)	40.0	39.5		ng/L		99	70 - 130
Perfluoroheptanoic acid (PFHpA)	40.0	41.0		ng/L		103	70 - 130
Perfluorooctanoic acid (PFOA)	40.0	40.8		ng/L		102	70 - 130
Perfluorononanoic acid (PFNA)	40.0	42.8		ng/L		107	70 - 130

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QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-144457/2-A

Matrix: Water

Analysis Batch: 144742

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 144457

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorodecanoic acid (PFDA)	40.0	41.4		ng/L		103	70 - 130
Perfluoroundecanoic acid (PFUnA)	40.0	39.7		ng/L		99	70 - 130
Perfluorododecanoic acid (PFDoA)	40.0	38.8		ng/L		97	70 - 130
Perfluorotridecanoic acid (PFTriA)	40.0	39.9		ng/L		100	70 - 130
Perfluorotetradecanoic acid (PFTeA)	40.0	39.5		ng/L		99	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.4	25.1		ng/L		71	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	36.4	34.0		ng/L		93	70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	40.2		ng/L		106	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.1	32.8		ng/L		88	70 - 130
Perfluorodecanesulfonic acid (PFDS)	38.6	40.2		ng/L		104	50 - 150
Perfluorooctanesulfonamide (PFOSA)	40.0	46.2		ng/L		116	50 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	39.4		ng/L		99	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	38.5		ng/L		96	70 - 130
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	37.9	42.3		ng/L		112	50 - 150
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	38.3	38.2		ng/L		100	50 - 150

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
18O2 PFHxS	129		50 - 150
13C4 PFHpA	93		50 - 150
13C4 PFOA	105		50 - 150
13C4 PFOS	106		50 - 150
13C5 PFNA	91		50 - 150
13C4 PFBA	97		25 - 150
13C2 PFHxA	90		50 - 150
13C2 PFDA	101		50 - 150
13C2 PFUnA	108		50 - 150
13C2 PFDoA	100		50 - 150
13C8 FOSA	69		25 - 150
13C5 PFPeA	92		25 - 150
13C2 PFTeDA	98		50 - 150
d3-NMeFOSAA	89		50 - 150
d5-NEtFOSAA	114		50 - 150
M2-6:2 FTS	119		25 - 150
M2-8:2 FTS	124		25 - 150
13C3 PFBS	159 *		50 - 150

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 200-144457/3-A

Matrix: Water

Analysis Batch: 144742

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 144457

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	40.0	35.4		ng/L		88	50 - 150	16	30
Perfluoropentanoic acid (PFPeA)	40.0	50.6		ng/L		127	50 - 150	11	30
Perfluorohexanoic acid (PFHxA)	40.0	43.2		ng/L		108	70 - 130	9	20
Perfluoroheptanoic acid (PFHpA)	40.0	47.7		ng/L		119	70 - 130	15	20
Perfluorooctanoic acid (PFOA)	40.0	46.4		ng/L		116	70 - 130	13	20
Perfluorononanoic acid (PFNA)	40.0	43.1		ng/L		108	70 - 130	1	20
Perfluorodecanoic acid (PFDA)	40.0	41.7		ng/L		104	70 - 130	1	20
Perfluoroundecanoic acid (PFUnA)	40.0	42.1		ng/L		105	70 - 130	6	20
Perfluorododecanoic acid (PFDoA)	40.0	41.6		ng/L		104	70 - 130	7	20
Perfluorotridecanoic acid (PFTriA)	40.0	42.4		ng/L		106	70 - 130	6	20
Perfluorotetradecanoic acid (PFTeA)	40.0	42.3		ng/L		106	70 - 130	7	20
Perfluorobutanesulfonic acid (PFBS)	35.4	31.6 *		ng/L		89	70 - 130	23	20
Perfluorohexanesulfonic acid (PFHxS)	36.4	30.1		ng/L		83	70 - 130	12	20
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	43.2		ng/L		113	50 - 150	7	30
Perfluorooctanesulfonic acid (PFOS)	37.1	38.8		ng/L		105	70 - 130	17	20
Perfluorodecanesulfonic acid (PFDS)	38.6	42.3		ng/L		110	50 - 150	5	30
Perfluorooctanesulfonamide (PFOSA)	40.0	49.4		ng/L		124	50 - 150	7	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	42.4		ng/L		106	70 - 130	7	20
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	42.5		ng/L		106	70 - 130	10	20
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	37.9	44.0		ng/L		116	50 - 150	4	30
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	38.3	40.1		ng/L		105	50 - 150	5	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
18O2 PFHxS	124		50 - 150
13C4 PFHpA	87		50 - 150
13C4 PFOA	98		50 - 150
13C4 PFOS	97		50 - 150
13C5 PFNA	90		50 - 150
13C4 PFBA	86		25 - 150
13C2 PFHxA	89		50 - 150
13C2 PFDA	101		50 - 150
13C2 PFUnA	102		50 - 150
13C2 PFDoA	99		50 - 150
13C8 FOSA	68		25 - 150
13C5 PFPeA	85		25 - 150
13C2 PFTeA	93		50 - 150
d3-NMeFOSAA	86		50 - 150
d5-NEtFOSAA	108		50 - 150

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QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 200-144457/3-A

Matrix: Water

Analysis Batch: 144742

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 144457

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
M2-6:2 FTS	120		25 - 150
M2-8:2 FTS	121		25 - 150
13C3 PFBS	129		50 - 150

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-478635/1-A

Matrix: Water

Analysis Batch: 478987

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478635

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	ND		0.20	0.060	mg/L		06/20/19 07:32	06/20/19 17:43	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 07:32	06/20/19 17:43	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 07:32	06/20/19 17:43	1
Barium	ND		0.0020	0.00070	mg/L		06/20/19 07:32	06/20/19 17:43	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 07:32	06/20/19 17:43	1
Cadmium	ND		0.0020	0.00050	mg/L		06/20/19 07:32	06/20/19 17:43	1
Calcium	ND		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 17:43	1
Chromium	ND		0.0040	0.0010	mg/L		06/20/19 07:32	06/20/19 17:43	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 07:32	06/20/19 17:43	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 07:32	06/20/19 17:43	1
Iron	ND		0.050	0.019	mg/L		06/20/19 07:32	06/20/19 17:43	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 07:32	06/20/19 17:43	1
Magnesium	ND		0.20	0.043	mg/L		06/20/19 07:32	06/20/19 17:43	1
Manganese	ND		0.0030	0.00040	mg/L		06/20/19 07:32	06/20/19 17:43	1
Nickel	ND		0.010	0.0013	mg/L		06/20/19 07:32	06/20/19 17:43	1
Potassium	ND		0.50	0.10	mg/L		06/20/19 07:32	06/20/19 17:43	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 07:32	06/20/19 17:43	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 07:32	06/20/19 17:43	1
Sodium	ND		1.0	0.32	mg/L		06/20/19 07:32	06/20/19 17:43	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 07:32	06/20/19 17:43	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 07:32	06/20/19 17:43	1
Zinc	ND		0.010	0.0015	mg/L		06/20/19 07:32	06/20/19 17:43	1

Lab Sample ID: LCS 480-478635/2-A

Matrix: Water

Analysis Batch: 478987

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478635

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	
Aluminum	10.0	9.61		mg/L		96	80 - 120	
Antimony	0.200	0.225		mg/L		112	80 - 120	
Arsenic	0.200	0.203		mg/L		101	80 - 120	
Barium	0.200	0.204		mg/L		102	80 - 120	
Beryllium	0.200	0.204		mg/L		102	80 - 120	
Cadmium	0.200	0.205		mg/L		102	80 - 120	
Calcium	10.0	9.90		mg/L		99	80 - 120	
Chromium	0.200	0.196		mg/L		98	80 - 120	
Cobalt	0.200	0.189		mg/L		95	80 - 120	
Copper	0.200	0.198		mg/L		99	80 - 120	

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QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Lab Sample ID: LCS 480-478635/2-A

Matrix: Water

Analysis Batch: 478987

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478635

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	10.0	9.75		mg/L		97	80 - 120
Lead	0.200	0.193		mg/L		97	80 - 120
Magnesium	10.0	9.63		mg/L		96	80 - 120
Manganese	0.200	0.192		mg/L		96	80 - 120
Nickel	0.200	0.198		mg/L		99	80 - 120
Potassium	10.0	9.53		mg/L		95	80 - 120
Selenium	0.200	0.202		mg/L		101	80 - 120
Silver	0.0500	0.0503		mg/L		101	80 - 120
Sodium	10.0	9.28		mg/L		93	80 - 120
Thallium	0.200	0.202		mg/L		101	80 - 120
Vanadium	0.200	0.196		mg/L		98	80 - 120
Zinc	0.200	0.206		mg/L		103	80 - 120

Lab Sample ID: 480-155113-1 MS

Matrix: Water

Analysis Batch: 478987

Client Sample ID: B-1

Prep Type: Total/NA

Prep Batch: 478635

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	ND		10.0	9.58		mg/L		96	75 - 125
Antimony	ND		0.200	0.225		mg/L		112	75 - 125
Arsenic	ND		0.200	0.210		mg/L		105	75 - 125
Barium	0.20		0.200	0.396		mg/L		98	75 - 125
Beryllium	ND		0.200	0.202		mg/L		101	75 - 125
Cadmium	ND		0.200	0.207		mg/L		104	75 - 125
Calcium	96.4		10.0	100.8	4	mg/L		44	75 - 125
Chromium	ND		0.200	0.193		mg/L		96	75 - 125
Cobalt	ND		0.200	0.190		mg/L		95	75 - 125
Copper	ND		0.200	0.197		mg/L		99	75 - 125
Iron	0.97		10.0	10.46		mg/L		95	75 - 125
Lead	ND		0.200	0.196		mg/L		98	75 - 125
Magnesium	43.0		10.0	49.86	4	mg/L		69	75 - 125
Manganese	0.075		0.200	0.258		mg/L		92	75 - 125
Nickel	ND		0.200	0.198		mg/L		99	75 - 125
Potassium	3.6		10.0	13.15		mg/L		96	75 - 125
Selenium	ND		0.200	0.195		mg/L		98	75 - 125
Silver	ND		0.0500	0.0508		mg/L		102	75 - 125
Sodium	34.6		10.0	42.21		mg/L		76	75 - 125
Thallium	ND		0.200	0.201		mg/L		101	75 - 125
Vanadium	ND		0.200	0.195		mg/L		98	75 - 125
Zinc	ND		0.200	0.203		mg/L		101	75 - 125

Lab Sample ID: 480-155113-1 MSD

Matrix: Water

Analysis Batch: 478987

Client Sample ID: B-1

Prep Type: Total/NA

Prep Batch: 478635

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aluminum	ND		10.0	9.87		mg/L		99	75 - 125	3	20
Antimony	ND		0.200	0.237		mg/L		119	75 - 125	5	20
Arsenic	ND		0.200	0.214		mg/L		107	75 - 125	2	20

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Lab Sample ID: 480-155113-1 MSD

Matrix: Water

Analysis Batch: 478987

Client Sample ID: B-1

Prep Type: Total/NA

Prep Batch: 478635

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	0.20		0.200	0.395		mg/L		97	75 - 125	1	20
Beryllium	ND		0.200	0.209		mg/L		105	75 - 125	4	20
Cadmium	ND		0.200	0.214		mg/L		107	75 - 125	3	20
Calcium	96.4		10.0	102.8	4	mg/L		64	75 - 125	2	20
Chromium	ND		0.200	0.200		mg/L		100	75 - 125	3	20
Cobalt	ND		0.200	0.197		mg/L		98	75 - 125	3	20
Copper	ND		0.200	0.204		mg/L		102	75 - 125	3	20
Iron	0.97		10.0	10.86		mg/L		99	75 - 125	4	20
Lead	ND		0.200	0.204		mg/L		102	75 - 125	4	20
Magnesium	43.0		10.0	50.85	4	mg/L		79	75 - 125	2	20
Manganese	0.075		0.200	0.264		mg/L		95	75 - 125	3	20
Nickel	ND		0.200	0.204		mg/L		102	75 - 125	3	20
Potassium	3.6		10.0	13.51		mg/L		99	75 - 125	3	20
Selenium	ND		0.200	0.203		mg/L		101	75 - 125	4	20
Silver	ND		0.0500	0.0519		mg/L		104	75 - 125	2	20
Sodium	34.6		10.0	43.19		mg/L		85	75 - 125	2	20
Thallium	ND		0.200	0.207		mg/L		103	75 - 125	3	20
Vanadium	ND		0.200	0.202		mg/L		101	75 - 125	3	20
Zinc	ND		0.200	0.210		mg/L		105	75 - 125	4	20

Lab Sample ID: MB 480-478645/1-A

Matrix: Water

Analysis Batch: 478980

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478645

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		06/20/19 08:39	06/20/19 23:33	1
Antimony	ND		0.020	0.0068	mg/L		06/20/19 08:39	06/20/19 23:33	1
Arsenic	ND		0.015	0.0056	mg/L		06/20/19 08:39	06/20/19 23:33	1
Barium	ND		0.0020	0.00070	mg/L		06/20/19 08:39	06/20/19 23:33	1
Beryllium	ND		0.0020	0.00030	mg/L		06/20/19 08:39	06/20/19 23:33	1
Cadmium	ND		0.0020	0.00050	mg/L		06/20/19 08:39	06/20/19 23:33	1
Calcium	ND		0.50	0.10	mg/L		06/20/19 08:39	06/20/19 23:33	1
Chromium	ND		0.0040	0.0010	mg/L		06/20/19 08:39	06/20/19 23:33	1
Cobalt	ND		0.0040	0.00063	mg/L		06/20/19 08:39	06/20/19 23:33	1
Copper	ND		0.010	0.0016	mg/L		06/20/19 08:39	06/20/19 23:33	1
Iron	ND		0.050	0.019	mg/L		06/20/19 08:39	06/20/19 23:33	1
Lead	ND		0.010	0.0030	mg/L		06/20/19 08:39	06/20/19 23:33	1
Magnesium	ND		0.20	0.043	mg/L		06/20/19 08:39	06/20/19 23:33	1
Manganese	ND		0.0030	0.00040	mg/L		06/20/19 08:39	06/20/19 23:33	1
Nickel	ND		0.010	0.0013	mg/L		06/20/19 08:39	06/20/19 23:33	1
Potassium	ND		0.50	0.10	mg/L		06/20/19 08:39	06/20/19 23:33	1
Selenium	ND		0.025	0.0087	mg/L		06/20/19 08:39	06/20/19 23:33	1
Silver	ND		0.0060	0.0017	mg/L		06/20/19 08:39	06/20/19 23:33	1
Sodium	ND		1.0	0.32	mg/L		06/20/19 08:39	06/20/19 23:33	1
Thallium	ND		0.020	0.010	mg/L		06/20/19 08:39	06/20/19 23:33	1
Vanadium	ND		0.0050	0.0015	mg/L		06/20/19 08:39	06/20/19 23:33	1
Zinc	ND		0.010	0.0015	mg/L		06/20/19 08:39	06/20/19 23:33	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Lab Sample ID: LCS 480-478645/2-A

Matrix: Water

Analysis Batch: 478980

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478645

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10.0	9.59		mg/L		96	80 - 120
Antimony	0.200	0.222		mg/L		111	80 - 120
Arsenic	0.200	0.205		mg/L		102	80 - 120
Barium	0.200	0.207		mg/L		103	80 - 120
Beryllium	0.200	0.206		mg/L		103	80 - 120
Cadmium	0.200	0.205		mg/L		102	80 - 120
Calcium	10.0	10.03		mg/L		100	80 - 120
Chromium	0.200	0.199		mg/L		100	80 - 120
Cobalt	0.200	0.194		mg/L		97	80 - 120
Copper	0.200	0.199		mg/L		100	80 - 120
Iron	10.0	9.76		mg/L		98	80 - 120
Lead	0.200	0.198		mg/L		99	80 - 120
Magnesium	10.0	9.73		mg/L		97	80 - 120
Manganese	0.200	0.195		mg/L		97	80 - 120
Nickel	0.200	0.202		mg/L		101	80 - 120
Potassium	10.0	9.55		mg/L		96	80 - 120
Selenium	0.200	0.194		mg/L		97	80 - 120
Silver	0.0500	0.0510		mg/L		102	80 - 120
Sodium	10.0	9.39		mg/L		94	80 - 120
Thallium	0.200	0.205		mg/L		102	80 - 120
Vanadium	0.200	0.199		mg/L		100	80 - 120
Zinc	0.200	0.214		mg/L		107	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-478906/1-A

Matrix: Water

Analysis Batch: 479089

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 478906

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/21/19 10:42	06/21/19 14:17	1

Lab Sample ID: LCS 480-478906/2-A

Matrix: Water

Analysis Batch: 479089

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 478906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00667		mg/L		100	80 - 120

Lab Sample ID: 480-155113-2 MS

Matrix: Water

Analysis Batch: 479089

Client Sample ID: BFS-1

Prep Type: Total/NA

Prep Batch: 478906

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00653		mg/L		98	80 - 120

QC Sample Results

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

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

Lab Sample ID: 480-155113-2 MSD

Matrix: Water

Analysis Batch: 479089

Client Sample ID: BFS-1

Prep Type: Total/NA

Prep Batch: 478906

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00693		mg/L		104	80 - 120	6	20

Lab Sample ID: MB 480-479094/1-A

Matrix: Water

Analysis Batch: 479361

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 479094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/24/19 11:52	06/24/19 14:44	1

Lab Sample ID: LCS 480-479094/2-A

Matrix: Water

Analysis Batch: 479361

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 479094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00685		mg/L		103	80 - 120

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

GC/MS VOA

Analysis Batch: 478711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-1	B-1	Total/NA	Water	8260C	
480-155113-2	BFS-1	Total/NA	Water	8260C	
480-155113-3	BFS-2	Total/NA	Water	8260C	
480-155113-4	BR-4	Total/NA	Water	8260C	
480-155113-5	RFI-01	Total/NA	Water	8260C	
480-155113-6	RFI-02	Total/NA	Water	8260C	
480-155113-7	WT-1B	Total/NA	Water	8260C	
480-155113-8	RFI-04	Total/NA	Water	8260C	
480-155113-9	RFI-06	Total/NA	Water	8260C	
480-155113-10	RFI-9	Total/NA	Water	8260C	
480-155113-11	RFI-10	Total/NA	Water	8260C	
480-155113-12	RFI-12	Total/NA	Water	8260C	
480-155113-13	RFI-16	Total/NA	Water	8260C	
480-155113-14	RFI-17	Total/NA	Water	8260C	
480-155113-15	RFI-22	Total/NA	Water	8260C	
480-155113-16	RFI-24	Total/NA	Water	8260C	
480-155113-17	RFI-25	Total/NA	Water	8260C	
480-155113-18	RFI-28	Total/NA	Water	8260C	
MB 480-478711/7	Method Blank	Total/NA	Water	8260C	
LCS 480-478711/5	Lab Control Sample	Total/NA	Water	8260C	
480-155113-17 MS	RFI-25	Total/NA	Water	8260C	
480-155113-17 MSD	RFI-25	Total/NA	Water	8260C	

Analysis Batch: 478914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-19	RFI-30	Total/NA	Water	8260C	
480-155113-20	WP-5	Total/NA	Water	8260C	
480-155113-21	WP-7	Total/NA	Water	8260C	
480-155113-22	WP-8	Total/NA	Water	8260C	
MB 480-478914/7	Method Blank	Total/NA	Water	8260C	
LCS 480-478914/5	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 478641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-2	BFS-1	Total/NA	Water	3510C	
480-155113-3	BFS-2	Total/NA	Water	3510C	
480-155113-4	BR-4	Total/NA	Water	3510C	
480-155113-5	RFI-01	Total/NA	Water	3510C	
480-155113-6	RFI-02	Total/NA	Water	3510C	
480-155113-8	RFI-04	Total/NA	Water	3510C	
480-155113-9	RFI-06	Total/NA	Water	3510C	
480-155113-10	RFI-9	Total/NA	Water	3510C	
480-155113-11	RFI-10	Total/NA	Water	3510C	
480-155113-12	RFI-12	Total/NA	Water	3510C	
480-155113-13	RFI-16	Total/NA	Water	3510C	
480-155113-14	RFI-17	Total/NA	Water	3510C	
480-155113-15	RFI-22	Total/NA	Water	3510C	
480-155113-16	RFI-24	Total/NA	Water	3510C	
480-155113-17	RFI-25	Total/NA	Water	3510C	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

GC/MS Semi VOA (Continued)

Prep Batch: 478641 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-18	RFI-28	Total/NA	Water	3510C	
480-155113-19	RFI-30	Total/NA	Water	3510C	
480-155113-20	WP-5	Total/NA	Water	3510C	
480-155113-21	WP-7	Total/NA	Water	3510C	
480-155113-22	WP-8	Total/NA	Water	3510C	
MB 480-478641/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-478641/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-478641/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 478877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-1	B-1	Total/NA	Water	3510C	
MB 480-478877/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-478877/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-478877/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 479705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-2	BFS-1	Total/NA	Water	8270D	478641
480-155113-3	BFS-2	Total/NA	Water	8270D	478641
480-155113-4	BR-4	Total/NA	Water	8270D	478641
480-155113-5	RFI-01	Total/NA	Water	8270D	478641
480-155113-6	RFI-02	Total/NA	Water	8270D	478641
480-155113-8	RFI-04	Total/NA	Water	8270D	478641
480-155113-9	RFI-06	Total/NA	Water	8270D	478641
480-155113-10	RFI-9	Total/NA	Water	8270D	478641
480-155113-11	RFI-10	Total/NA	Water	8270D	478641
480-155113-12	RFI-12	Total/NA	Water	8270D	478641
480-155113-13	RFI-16	Total/NA	Water	8270D	478641
480-155113-14	RFI-17	Total/NA	Water	8270D	478641
480-155113-15	RFI-22	Total/NA	Water	8270D	478641
MB 480-478641/1-A	Method Blank	Total/NA	Water	8270D	478641
LCS 480-478641/2-A	Lab Control Sample	Total/NA	Water	8270D	478641
LCSD 480-478641/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	478641

Analysis Batch: 479803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-16	RFI-24	Total/NA	Water	8270D	478641
480-155113-17	RFI-25	Total/NA	Water	8270D	478641
480-155113-18	RFI-28	Total/NA	Water	8270D	478641
480-155113-19	RFI-30	Total/NA	Water	8270D	478641
480-155113-20	WP-5	Total/NA	Water	8270D	478641
480-155113-21	WP-7	Total/NA	Water	8270D	478641
480-155113-22	WP-8	Total/NA	Water	8270D	478641

Analysis Batch: 480216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-1	B-1	Total/NA	Water	8270D	478877
MB 480-478877/1-A	Method Blank	Total/NA	Water	8270D	478877
LCS 480-478877/2-A	Lab Control Sample	Total/NA	Water	8270D	478877
LCSD 480-478877/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	478877

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

GC Semi VOA

Prep Batch: 478633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-1	B-1	Total/NA	Water	3510C	
480-155113-2	BFS-1	Total/NA	Water	3510C	
480-155113-3	BFS-2	Total/NA	Water	3510C	
480-155113-4	BR-4	Total/NA	Water	3510C	
480-155113-5	RFI-01	Total/NA	Water	3510C	
480-155113-6	RFI-02	Total/NA	Water	3510C	
480-155113-8	RFI-04	Total/NA	Water	3510C	
480-155113-9	RFI-06	Total/NA	Water	3510C	
480-155113-10	RFI-9	Total/NA	Water	3510C	
480-155113-11	RFI-10	Total/NA	Water	3510C	
480-155113-12	RFI-12	Total/NA	Water	3510C	
480-155113-13	RFI-16	Total/NA	Water	3510C	
480-155113-14	RFI-17	Total/NA	Water	3510C	
480-155113-15	RFI-22	Total/NA	Water	3510C	
480-155113-16	RFI-24	Total/NA	Water	3510C	
480-155113-17	RFI-25	Total/NA	Water	3510C	
480-155113-18	RFI-28	Total/NA	Water	3510C	
480-155113-20	WP-5	Total/NA	Water	3510C	
480-155113-21	WP-7	Total/NA	Water	3510C	
480-155113-22	WP-8	Total/NA	Water	3510C	
MB 480-478633/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-478633/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-478633/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 478752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-1	B-1	Total/NA	Water	608.3	478633
480-155113-2	BFS-1	Total/NA	Water	608.3	478633
480-155113-3	BFS-2	Total/NA	Water	608.3	478633
480-155113-4	BR-4	Total/NA	Water	608.3	478633
480-155113-5	RFI-01	Total/NA	Water	608.3	478633
480-155113-6	RFI-02	Total/NA	Water	608.3	478633
480-155113-8	RFI-04	Total/NA	Water	608.3	478633
480-155113-9	RFI-06	Total/NA	Water	608.3	478633
480-155113-10	RFI-9	Total/NA	Water	608.3	478633
480-155113-11	RFI-10	Total/NA	Water	608.3	478633
480-155113-12	RFI-12	Total/NA	Water	608.3	478633
480-155113-13	RFI-16	Total/NA	Water	608.3	478633
480-155113-14	RFI-17	Total/NA	Water	608.3	478633
480-155113-15	RFI-22	Total/NA	Water	608.3	478633
480-155113-16	RFI-24	Total/NA	Water	608.3	478633
480-155113-17	RFI-25	Total/NA	Water	608.3	478633
480-155113-18	RFI-28	Total/NA	Water	608.3	478633
MB 480-478633/1-A	Method Blank	Total/NA	Water	608.3	478633
LCS 480-478633/2-A	Lab Control Sample	Total/NA	Water	608.3	478633
LCSD 480-478633/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	478633

Analysis Batch: 478756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-20	WP-5	Total/NA	Water	608.3	478633
480-155113-21	WP-7	Total/NA	Water	608.3	478633

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

GC Semi VOA (Continued)

Analysis Batch: 478756 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-22	WP-8	Total/NA	Water	608.3	478633

Prep Batch: 478888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-19	RFI-30	Total/NA	Water	3510C	
MB 480-478888/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-478888/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-478888/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 478947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-19	RFI-30	Total/NA	Water	608.3	478888
MB 480-478888/1-A	Method Blank	Total/NA	Water	608.3	478888
LCS 480-478888/2-A	Lab Control Sample	Total/NA	Water	608.3	478888
LCSD 480-478888/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	478888

Prep Batch: 479083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-1	B-1	Total/NA	Water	3510C	
480-155113-2	BFS-1	Total/NA	Water	3510C	
480-155113-3	BFS-2	Total/NA	Water	3510C	
480-155113-4	BR-4	Total/NA	Water	3510C	
480-155113-5	RFI-01	Total/NA	Water	3510C	
480-155113-6	RFI-02	Total/NA	Water	3510C	
480-155113-8	RFI-04	Total/NA	Water	3510C	
480-155113-9	RFI-06	Total/NA	Water	3510C	
480-155113-10	RFI-9	Total/NA	Water	3510C	
480-155113-11	RFI-10	Total/NA	Water	3510C	
480-155113-12	RFI-12	Total/NA	Water	3510C	
480-155113-13	RFI-16	Total/NA	Water	3510C	
480-155113-14	RFI-17	Total/NA	Water	3510C	
480-155113-15	RFI-22	Total/NA	Water	3510C	
480-155113-16	RFI-24	Total/NA	Water	3510C	
480-155113-17	RFI-25	Total/NA	Water	3510C	
480-155113-18	RFI-28	Total/NA	Water	3510C	
480-155113-19	RFI-30	Total/NA	Water	3510C	
480-155113-20	WP-5	Total/NA	Water	3510C	
MB 480-479083/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-479083/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-479083/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 479297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-1	B-1	Total/NA	Water	608.3	479083
480-155113-2	BFS-1	Total/NA	Water	608.3	479083
480-155113-3	BFS-2	Total/NA	Water	608.3	479083
480-155113-4	BR-4	Total/NA	Water	608.3	479083
480-155113-5	RFI-01	Total/NA	Water	608.3	479083
480-155113-6	RFI-02	Total/NA	Water	608.3	479083
480-155113-8	RFI-04	Total/NA	Water	608.3	479083
480-155113-9	RFI-06	Total/NA	Water	608.3	479083

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

GC Semi VOA (Continued)

Analysis Batch: 479297 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-10	RFI-9	Total/NA	Water	608.3	479083
480-155113-11	RFI-10	Total/NA	Water	608.3	479083
480-155113-12	RFI-12	Total/NA	Water	608.3	479083
480-155113-13	RFI-16	Total/NA	Water	608.3	479083
480-155113-14	RFI-17	Total/NA	Water	608.3	479083
480-155113-15	RFI-22	Total/NA	Water	608.3	479083
480-155113-16	RFI-24	Total/NA	Water	608.3	479083
480-155113-17	RFI-25	Total/NA	Water	608.3	479083
480-155113-18	RFI-28	Total/NA	Water	608.3	479083
480-155113-19	RFI-30	Total/NA	Water	608.3	479083
480-155113-20	WP-5	Total/NA	Water	608.3	479083
MB 480-479083/1-A	Method Blank	Total/NA	Water	608.3	479083
LCS 480-479083/2-A	Lab Control Sample	Total/NA	Water	608.3	479083
LCSD 480-479083/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	479083

Prep Batch: 479370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-21	WP-7	Total/NA	Water	3510C	
480-155113-22	WP-8	Total/NA	Water	3510C	
MB 480-479370/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-479370/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-479370/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 479496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-21	WP-7	Total/NA	Water	608.3	479370
480-155113-22	WP-8	Total/NA	Water	608.3	479370
MB 480-479370/1-A	Method Blank	Total/NA	Water	608.3	479370
LCS 480-479370/2-A	Lab Control Sample	Total/NA	Water	608.3	479370
LCSD 480-479370/3-A	Lab Control Sample Dup	Total/NA	Water	608.3	479370

LCMS

Prep Batch: 144457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-23	RFI-25	Total/NA	Water	3535	
MB 200-144457/1-A	Method Blank	Total/NA	Water	3535	
LCS 200-144457/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 200-144457/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 144742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-23	RFI-25	Total/NA	Water	537 (modified)	144457
MB 200-144457/1-A	Method Blank	Total/NA	Water	537 (modified)	144457
LCS 200-144457/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	144457
LCSD 200-144457/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	144457

Metals

Prep Batch: 478635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-1	B-1	Total/NA	Water	3005A	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Metals (Continued)

Prep Batch: 478635 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-2	BFS-1	Total/NA	Water	3005A	
480-155113-3	BFS-2	Total/NA	Water	3005A	
480-155113-4	BR-4	Total/NA	Water	3005A	
480-155113-5	RFI-01	Total/NA	Water	3005A	
480-155113-6	RFI-02	Total/NA	Water	3005A	
480-155113-8	RFI-04	Total/NA	Water	3005A	
480-155113-9	RFI-06	Total/NA	Water	3005A	
480-155113-10	RFI-9	Total/NA	Water	3005A	
480-155113-11	RFI-10	Total/NA	Water	3005A	
480-155113-12	RFI-12	Total/NA	Water	3005A	
480-155113-13	RFI-16	Total/NA	Water	3005A	
480-155113-14	RFI-17	Total/NA	Water	3005A	
480-155113-15	RFI-22	Total/NA	Water	3005A	
480-155113-16	RFI-24	Total/NA	Water	3005A	
480-155113-17	RFI-25	Total/NA	Water	3005A	
480-155113-18	RFI-28	Total/NA	Water	3005A	
480-155113-19	RFI-30	Total/NA	Water	3005A	
480-155113-20	WP-5	Total/NA	Water	3005A	
480-155113-21	WP-7	Total/NA	Water	3005A	
MB 480-478635/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-478635/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-155113-1 MS	B-1	Total/NA	Water	3005A	
480-155113-1 MSD	B-1	Total/NA	Water	3005A	

Prep Batch: 478645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-22	WP-8	Total/NA	Water	3005A	
MB 480-478645/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-478645/2-A	Lab Control Sample	Total/NA	Water	3005A	

Prep Batch: 478906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-1	B-1	Total/NA	Water	7470A	
480-155113-2	BFS-1	Total/NA	Water	7470A	
480-155113-3	BFS-2	Total/NA	Water	7470A	
480-155113-4	BR-4	Total/NA	Water	7470A	
480-155113-5	RFI-01	Total/NA	Water	7470A	
480-155113-6	RFI-02	Total/NA	Water	7470A	
480-155113-8	RFI-04	Total/NA	Water	7470A	
480-155113-9	RFI-06	Total/NA	Water	7470A	
480-155113-10	RFI-9	Total/NA	Water	7470A	
480-155113-11	RFI-10	Total/NA	Water	7470A	
480-155113-12	RFI-12	Total/NA	Water	7470A	
480-155113-13	RFI-16	Total/NA	Water	7470A	
480-155113-14	RFI-17	Total/NA	Water	7470A	
480-155113-15	RFI-22	Total/NA	Water	7470A	
480-155113-16	RFI-24	Total/NA	Water	7470A	
480-155113-17	RFI-25	Total/NA	Water	7470A	
480-155113-18	RFI-28	Total/NA	Water	7470A	
MB 480-478906/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-478906/2-A	Lab Control Sample	Total/NA	Water	7470A	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Metals (Continued)

Prep Batch: 478906 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-2 MS	BFS-1	Total/NA	Water	7470A	
480-155113-2 MSD	BFS-1	Total/NA	Water	7470A	

Analysis Batch: 478980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-22	WP-8	Total/NA	Water	6010C	478645
MB 480-478645/1-A	Method Blank	Total/NA	Water	6010C	478645
LCS 480-478645/2-A	Lab Control Sample	Total/NA	Water	6010C	478645

Analysis Batch: 478987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-1	B-1	Total/NA	Water	6010C	478635
480-155113-2	BFS-1	Total/NA	Water	6010C	478635
480-155113-3	BFS-2	Total/NA	Water	6010C	478635
480-155113-4	BR-4	Total/NA	Water	6010C	478635
480-155113-5	RFI-01	Total/NA	Water	6010C	478635
480-155113-6	RFI-02	Total/NA	Water	6010C	478635
480-155113-8	RFI-04	Total/NA	Water	6010C	478635
480-155113-9	RFI-06	Total/NA	Water	6010C	478635
480-155113-10	RFI-9	Total/NA	Water	6010C	478635
480-155113-11	RFI-10	Total/NA	Water	6010C	478635
480-155113-12	RFI-12	Total/NA	Water	6010C	478635
480-155113-13	RFI-16	Total/NA	Water	6010C	478635
480-155113-14	RFI-17	Total/NA	Water	6010C	478635
480-155113-15	RFI-22	Total/NA	Water	6010C	478635
480-155113-16	RFI-24	Total/NA	Water	6010C	478635
480-155113-17	RFI-25	Total/NA	Water	6010C	478635
480-155113-18	RFI-28	Total/NA	Water	6010C	478635
480-155113-19	RFI-30	Total/NA	Water	6010C	478635
480-155113-20	WP-5	Total/NA	Water	6010C	478635
480-155113-21	WP-7	Total/NA	Water	6010C	478635
MB 480-478635/1-A	Method Blank	Total/NA	Water	6010C	478635
LCS 480-478635/2-A	Lab Control Sample	Total/NA	Water	6010C	478635
480-155113-1 MS	B-1	Total/NA	Water	6010C	478635
480-155113-1 MSD	B-1	Total/NA	Water	6010C	478635

Analysis Batch: 479089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-1	B-1	Total/NA	Water	7470A	478906
480-155113-2	BFS-1	Total/NA	Water	7470A	478906
480-155113-3	BFS-2	Total/NA	Water	7470A	478906
480-155113-4	BR-4	Total/NA	Water	7470A	478906
480-155113-5	RFI-01	Total/NA	Water	7470A	478906
480-155113-6	RFI-02	Total/NA	Water	7470A	478906
480-155113-8	RFI-04	Total/NA	Water	7470A	478906
480-155113-9	RFI-06	Total/NA	Water	7470A	478906
480-155113-10	RFI-9	Total/NA	Water	7470A	478906
480-155113-11	RFI-10	Total/NA	Water	7470A	478906
480-155113-12	RFI-12	Total/NA	Water	7470A	478906
480-155113-13	RFI-16	Total/NA	Water	7470A	478906
480-155113-14	RFI-17	Total/NA	Water	7470A	478906

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Metals (Continued)

Analysis Batch: 479089 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-15	RFI-22	Total/NA	Water	7470A	478906
480-155113-16	RFI-24	Total/NA	Water	7470A	478906
480-155113-17	RFI-25	Total/NA	Water	7470A	478906
480-155113-18	RFI-28	Total/NA	Water	7470A	478906
MB 480-478906/1-A	Method Blank	Total/NA	Water	7470A	478906
LCS 480-478906/2-A	Lab Control Sample	Total/NA	Water	7470A	478906
480-155113-2 MS	BFS-1	Total/NA	Water	7470A	478906
480-155113-2 MSD	BFS-1	Total/NA	Water	7470A	478906

Prep Batch: 479094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-19	RFI-30	Total/NA	Water	7470A	
480-155113-20	WP-5	Total/NA	Water	7470A	
480-155113-21	WP-7	Total/NA	Water	7470A	
480-155113-22	WP-8	Total/NA	Water	7470A	
MB 480-479094/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-479094/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 479149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-22	WP-8	Total/NA	Water	6010C	478645

Analysis Batch: 479361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-155113-19	RFI-30	Total/NA	Water	7470A	479094
480-155113-20	WP-5	Total/NA	Water	7470A	479094
480-155113-21	WP-7	Total/NA	Water	7470A	479094
480-155113-22	WP-8	Total/NA	Water	7470A	479094
MB 480-479094/1-A	Method Blank	Total/NA	Water	7470A	479094
LCS 480-479094/2-A	Lab Control Sample	Total/NA	Water	7470A	479094

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: B-1

Lab Sample ID: 480-155113-1

Date Collected: 06/14/19 10:20

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 10:08	AEM	TAL BUF
Total/NA	Prep	3510C			478877	06/20/19 15:16	JMP	TAL BUF
Total/NA	Analysis	8270D		1	480216	06/29/19 03:12	PJQ	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 12:25	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 15:47	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 17:50	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:26	BMB	TAL BUF

Client Sample ID: BFS-1

Lab Sample ID: 480-155113-2

Date Collected: 06/12/19 14:40

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 10:33	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/26/19 20:58	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 12:45	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 16:00	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 18:21	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:27	BMB	TAL BUF

Client Sample ID: BFS-2

Lab Sample ID: 480-155113-3

Date Collected: 06/12/19 14:45

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 10:57	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/26/19 21:26	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 13:04	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 16:13	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 18:25	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:33	BMB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: BR-4

Lab Sample ID: 480-155113-4

Date Collected: 06/12/19 09:30

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 11:22	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/26/19 21:54	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 13:24	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 16:26	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 18:28	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:34	BMB	TAL BUF

Client Sample ID: RFI-01

Lab Sample ID: 480-155113-5

Date Collected: 06/14/19 10:25

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 11:47	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/26/19 22:22	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 13:44	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 16:39	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 18:32	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:35	BMB	TAL BUF

Client Sample ID: RFI-02

Lab Sample ID: 480-155113-6

Date Collected: 06/13/19 14:00

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 12:11	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/26/19 22:50	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 14:04	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 16:52	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 18:36	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:36	BMB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WT-1B

Lab Sample ID: 480-155113-7

Date Collected: 06/11/19 13:45

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 12:35	AEM	TAL BUF

Client Sample ID: RFI-04

Lab Sample ID: 480-155113-8

Date Collected: 06/14/19 09:05

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 12:59	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/26/19 23:18	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 14:23	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 17:04	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 18:51	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:38	BMB	TAL BUF

Client Sample ID: RFI-06

Lab Sample ID: 480-155113-9

Date Collected: 06/13/19 10:50

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 13:24	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/26/19 23:45	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 14:43	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 17:17	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 18:55	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:42	BMB	TAL BUF

Client Sample ID: RFI-9

Lab Sample ID: 480-155113-10

Date Collected: 06/12/19 12:45

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 13:48	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/27/19 00:13	RJS	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-9

Lab Sample ID: 480-155113-10

Date Collected: 06/12/19 12:45

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 15:03	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 17:30	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 18:59	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:43	BMB	TAL BUF

Client Sample ID: RFI-10

Lab Sample ID: 480-155113-11

Date Collected: 06/13/19 10:40

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 14:13	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/27/19 00:41	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 15:22	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 17:43	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 19:03	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:44	BMB	TAL BUF

Client Sample ID: RFI-12

Lab Sample ID: 480-155113-12

Date Collected: 06/14/19 11:45

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 14:37	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/27/19 01:09	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 15:42	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 17:56	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 19:07	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:46	BMB	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-16

Lab Sample ID: 480-155113-13

Date Collected: 06/12/19 10:55

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 15:01	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/27/19 01:37	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 16:02	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 18:09	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 19:11	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:47	BMB	TAL BUF

Client Sample ID: RFI-17

Lab Sample ID: 480-155113-14

Date Collected: 06/13/19 08:30

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 15:25	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/27/19 02:05	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 16:21	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 18:22	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 19:14	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:48	BMB	TAL BUF

Client Sample ID: RFI-22

Lab Sample ID: 480-155113-15

Date Collected: 06/13/19 14:15

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 15:50	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479705	06/27/19 02:33	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 16:41	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 18:34	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 19:18	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:50	BMB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-24

Lab Sample ID: 480-155113-16

Date Collected: 06/13/19 12:25

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 16:13	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479803	06/27/19 04:52	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 17:01	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		2	479297	06/24/19 18:47	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 19:22	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:51	BMB	TAL BUF

Client Sample ID: RFI-25

Lab Sample ID: 480-155113-17

Date Collected: 06/13/19 12:05

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	478711	06/20/19 16:38	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479803	06/27/19 05:20	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 17:21	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 19:00	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 19:37	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:52	BMB	TAL BUF

Client Sample ID: RFI-28

Lab Sample ID: 480-155113-18

Date Collected: 06/14/19 09:00

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478711	06/20/19 17:02	AEM	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479803	06/27/19 05:48	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478752	06/20/19 17:40	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 19:13	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 19:41	LMH	TAL BUF
Total/NA	Prep	7470A			478906	06/21/19 10:42	EMB	TAL BUF
Total/NA	Analysis	7470A		1	479089	06/21/19 14:53	BMB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: RFI-30

Lab Sample ID: 480-155113-19

Date Collected: 06/14/19 11:30

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478914	06/21/19 01:49	RJF	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479803	06/27/19 06:16	RJS	TAL BUF
Total/NA	Prep	3510C			478888	06/20/19 15:44	JMP	TAL BUF
Total/NA	Analysis	608.3		1	478947	06/21/19 11:55	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 19:51	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 19:45	LMH	TAL BUF
Total/NA	Prep	7470A			479094	06/24/19 11:52	BMB	TAL BUF
Total/NA	Analysis	7470A		1	479361	06/24/19 14:46	BMB	TAL BUF

Client Sample ID: WP-5

Lab Sample ID: 480-155113-20

Date Collected: 06/12/19 09:40

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478914	06/21/19 02:13	RJF	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479803	06/27/19 06:43	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478756	06/20/19 13:05	JLS	TAL BUF
Total/NA	Prep	3510C			479083	06/21/19 15:56	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479297	06/24/19 20:04	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 19:49	LMH	TAL BUF
Total/NA	Prep	7470A			479094	06/24/19 11:52	BMB	TAL BUF
Total/NA	Analysis	7470A		1	479361	06/24/19 14:47	BMB	TAL BUF

Client Sample ID: WP-7

Lab Sample ID: 480-155113-21

Date Collected: 06/12/19 10:50

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478914	06/21/19 02:38	RJF	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479803	06/27/19 07:11	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478756	06/20/19 13:25	JLS	TAL BUF
Total/NA	Prep	3510C			479370	06/24/19 17:13	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479496	06/25/19 16:46	W1T	TAL BUF
Total/NA	Prep	3005A			478635	06/20/19 07:32	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478987	06/20/19 19:53	LMH	TAL BUF
Total/NA	Prep	7470A			479094	06/24/19 11:52	BMB	TAL BUF
Total/NA	Analysis	7470A		1	479361	06/24/19 14:49	BMB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Client Sample ID: WP-8

Lab Sample ID: 480-155113-22

Date Collected: 06/12/19 12:20

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	478914	06/21/19 03:02	RJF	TAL BUF
Total/NA	Prep	3510C			478641	06/19/19 14:59	ATG	TAL BUF
Total/NA	Analysis	8270D		1	479803	06/27/19 07:39	RJS	TAL BUF
Total/NA	Prep	3510C			478633	06/19/19 14:52	ATG	TAL BUF
Total/NA	Analysis	608.3		1	478756	06/20/19 13:44	JLS	TAL BUF
Total/NA	Prep	3510C			479370	06/24/19 17:13	ATG	TAL BUF
Total/NA	Analysis	608.3		1	479496	06/25/19 16:58	W1T	TAL BUF
Total/NA	Prep	3005A			478645	06/20/19 08:39	EMB	TAL BUF
Total/NA	Analysis	6010C		1	478980	06/21/19 00:15	AMH	TAL BUF
Total/NA	Prep	3005A			478645	06/20/19 08:39	EMB	TAL BUF
Total/NA	Analysis	6010C		1	479149	06/21/19 11:11	AMH	TAL BUF
Total/NA	Prep	7470A			479094	06/24/19 11:52	BMB	TAL BUF
Total/NA	Analysis	7470A		1	479361	06/24/19 14:50	BMB	TAL BUF

Client Sample ID: RFI-25

Lab Sample ID: 480-155113-23

Date Collected: 06/13/19 12:05

Matrix: Water

Date Received: 06/19/19 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			144457	06/25/19 11:25	TPB	TAL BUR
Total/NA	Analysis	537 (modified)		5	144742	07/05/19 01:29	JM1	TAL BUR

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-20

Laboratory: Eurofins TestAmerica, Burlington

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
ANAB	Dept. of Defense ELAP		L2336	02-25-20
ANAB	DoD		L2336	02-25-20
Connecticut	State Program	1	PH-0751	09-30-19
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-01-20
Florida	NELAP	4	E87467	06-30-20
Florida	NELAP		E87467	06-01-20
Minnesota	NELAP	5	050-999-436	12-31-19
New Hampshire	NELAP	1	2006	12-18-19
New Jersey	NELAP	2	VT972	06-30-20
New York	NELAP	2	10391	04-01-20
Pennsylvania	NELAP	3	68-00489	04-30-20
Pennsylvania	NELAP		68-00489	04-30-20
Rhode Island	State Program	1	LAO00298	12-30-19
US Fish & Wildlife	Federal		LE-058448-0	07-31-19
USDA	Federal		P330-11-00093	07-24-20
Vermont	State Program	1	VT-4000	12-31-19
Virginia	NELAP	3	460209	12-14-19

Method Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
608.3	Organochlorine Pesticides in Water	40CFR136A	TAL BUF
608.3	Polychlorinated Biphenyls (PCBs) (GC)	40CFR136A	TAL BUF
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL BUR
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
3535	Solid-Phase Extraction (SPE)	SW846	TAL BUR
5030C	Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-155113-1	B-1	Water	06/14/19 10:20	06/19/19 15:10	
480-155113-2	BFS-1	Water	06/12/19 14:40	06/19/19 15:10	
480-155113-3	BFS-2	Water	06/12/19 14:45	06/19/19 15:10	
480-155113-4	BR-4	Water	06/12/19 09:30	06/19/19 15:10	
480-155113-5	RFI-01	Water	06/14/19 10:25	06/19/19 15:10	
480-155113-6	RFI-02	Water	06/13/19 14:00	06/19/19 15:10	
480-155113-7	WT-1B	Water	06/11/19 13:45	06/19/19 15:10	
480-155113-8	RFI-04	Water	06/14/19 09:05	06/19/19 15:10	
480-155113-9	RFI-06	Water	06/13/19 10:50	06/19/19 15:10	
480-155113-10	RFI-9	Water	06/12/19 12:45	06/19/19 15:10	
480-155113-11	RFI-10	Water	06/13/19 10:40	06/19/19 15:10	
480-155113-12	RFI-12	Water	06/14/19 11:45	06/19/19 15:10	
480-155113-13	RFI-16	Water	06/12/19 10:55	06/19/19 15:10	
480-155113-14	RFI-17	Water	06/13/19 08:30	06/19/19 15:10	
480-155113-15	RFI-22	Water	06/13/19 14:15	06/19/19 15:10	
480-155113-16	RFI-24	Water	06/13/19 12:25	06/19/19 15:10	
480-155113-17	RFI-25	Water	06/13/19 12:05	06/19/19 15:10	
480-155113-18	RFI-28	Water	06/14/19 09:00	06/19/19 15:10	
480-155113-19	RFI-30	Water	06/14/19 11:30	06/19/19 15:10	
480-155113-20	WP-5	Water	06/12/19 09:40	06/19/19 15:10	
480-155113-21	WP-7	Water	06/12/19 10:50	06/19/19 15:10	
480-155113-22	WP-8	Water	06/12/19 12:20	06/19/19 15:10	
480-155113-23	RFI-25	Water	06/13/19 12:05	06/19/19 15:10	

CHAIN OF CUSTODY

**Client: New York State Dept. of
Environmental Conservation**



480-155113 Chain of Custody

[illegible]

Data Deliverable Information	
Commercial 'A' (Level 1) = Results Only	
Commercial 'B' (Level 2) = Results + QC Summary	
FULLT1 (Level 3 & 4)	
NJ Reduced = Results + QC Summary + Partial Raw Data	
Commercial 'C'	
NJ Data of Known Quality Protocol Reporting	
NYASP Category A	
✓ NYASP Category B	
State Forms	
EQEDD for GES EQUIS	
✓ NYDEC EDD for NYSDDEC EQUIS	

Lab: TestAmerica Laboratories, Inc. - Buffalo
Address: 10 Hazelwood Dr, Amherst, NY 14228
Phone: 716-691-2600
Lab PM: Oriette Johnson
Lab PM Email: oriette.johnson@testamericainc.com

☒ Standard 14 Days	_____ / _____ / _____
☐ 1 day RUSH	_____ / _____ / _____
☐ Other	_____ / _____ / _____

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC/Dunkirk/WillowbrookAve LabReport#.26699.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.	
Relinquished By Supplier:	Received By:
1 <i>[Signature]</i>	1 <i>[Signature]</i>
Relinquished By:	Date / Time:
2	16-12-6-14-2014
Relinquished By:	Received By:
2	2
Relinquished By:	Date / Time:
3	3
Custody Seal Number:	☐ Intact ☐ Not Intact
	☐ Preserved where applicable ☐ On Ice ☐ Cooler Temp

☐ FULLT1 (Level 3 & 4)
☐ NJ Reduced = Results + QC Summary + Partial Raw Data
☐ Commercial 'C'
☐ NJ Data of Known Quality Protocol Reporting
☐ NYASP Category A
☒ NYASP Category B
☐ State Forms
☒ EQEDD for GES EQUIS
☒ NYDEC EDD for NYSDC EQUIS

Temp 4.1, 2.2, 2.8
 2.6, 4.0, 3.0, 3.6, 4.2
 4.4, 2.4, 2.2 #12E

3 Voids were
 left behind From 6-11-19
 They are ~~HA~~ these coolers

* WT-1B



PAGE OF

Data Deliverable Information	
Commercial 'A' (Level 1) = Results Only	
Commercial 'B' (Level 2) = Results + QC Summary	
FULLT1 (Level 3 & 4)	
NI Reduced = Results + QC Summary + Partial Raw Data	
Commercial 'C'	
NI Data of Known Quality Protocol Reporting	
NYASP Category A	
✓ NYASP Category B	
State Forms	
✓ EQDD for GES Equals	
✓ NYDEC EDO for NYDEC	

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC/Dunkirk/WillowbrookAve LabReport#.26699.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.			
Relinquished By Sampler:	<i>[Signature]</i>	Date / Time:	Received By:
Relinquished By:	<i>[Signature]</i>	Date / Time:	Received By:
2		2	
Relinquished By:		Date / Time:	Received By:
3		3	
Custody Seal Number:	☒ Intact ☐ Not Intact	☐ Preserved where applicable ☐ On Ice ☐ Cooler Temp	



CHAIN OF CUSTODY

New York State Dept. of Environmental Conservation

PAGE 0F

FED-EX Tracking #
Bottle Order Control #
Lab Quote #
Lab Job #

CLIENT/REPORTING INFORMATION			PROJECT INFORMATION			BILLING INFORMATION			REQUESTED ANALYSIS (see Test Code sheet)						LAB USE ONLY		
Groundwater & Environmental Services, Inc. 415 Lawrence Bell Drive, Williamsville, NY 14221 Project Manager: Eric D. Popken PM Email: NERegion@gesonline.com Phone #: 800-287-7857 Fax: 866-902-2187			Project Name: NYSDEC/Dunkirk/WillowbrookAve Project Address: Willowbrook Avenue, Dunkirk, NY Project PSID #: 784171			NYSDEC Region 9 NYSDEC Project Manager: Maurice Moore Phone No.: 716-851-7220 Invoice Instructions NYSDEC Site No.: 907022 Lab Project Manager: Orlette Johnson											
Sampler(s) Name: Pete Zaffram			Sampler(s) Name: Pat Colern			number of preserved bottles											
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Depth Interval (ft)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber	
	RFI-22	NA	6-13-19	1415	P.Z.	GW	10										
	RFI-23	NA				GW											
	RFI-24	NA	6-13-19	1205	P.C.	GW											
	RFI-25	NA	6-13-19	1205	P.Z.	GW	10										
	RFI-26	NA				GW											
	RFI-27	NA				GW											
	RFI-28	NA	6-14-19	0900	P.Z.	GW	10										
	RFI-29	NA				GW											
	RFI-30	NA	6-14-19	1130	P.C.	GW	10										
	RFI-31	NA				GW											
	RFI-32	NA				GW											
	RFI-33	NA				GW											
	RFI-34	NA				GW											
	RFI-35	NA				GW											
		NA				GW											

- Data Deliverable Information**
- ☐ Commercial 'A' (Level 1) = Results Only
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 - ☐ FULLT1 (Level 3 & 4)
 - ☐ NJ Reduced = Results + QC Summary + Partial Raw Data
 - ☐ Commercial 'C'
 - ☐ NJ Data of Known Quality Protocol Reporting
 - ☐ NYASP Category A
 - ☒ NYASP Category B
 - ☐ State Forms
 - ☒ EQEDD for GES EQUIS
 - ☒ NYDEC EDD for NYSDEC EQUIS

Laboratory Information

Lab: TestAmerica Laboratories, Inc. - Buffalo
Address: 10 Hazelwood Dr, Amherst, NY 14228
Phone: 716-691-2600
Lab PM: Orlette Johnson
Lab PM Email: orlette.johnson@testamericainc.com

Turnaround Time (Business Days) Approved By (Lab PM) / Date

☒ Standard 14 Days
☐ 1 day RUSH
☐ Other

Please Email the EQ EDD Package to ges@equisonline.com
EQEDD Name: NYSDEC/Dunkirk/WillowbrookAve_LabReport#26699.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.

Relinquished By Sampler:	Date / Time:	Received By:	Date / Time:
1. <i>[Signature]</i>	6-11-19 1510	1. <i>[Signature]</i>	6-11-19 1510
2. Relinquished By:	Date / Time:	2. Received By:	Date / Time:
3. Relinquished By:	Date / Time:	3. Received By:	Date / Time:

Custody Seal Number: ☐ Intact ☐ Not Intact Preserved where applicable: ☐ On Ice Cooler Temp: _____



PAGE OF

FED-EX Tracking #	Bottle Order Control #
Lab Quote #	Lab Job #

CLIENT/REPORTING INFORMATION						PROJECT INFORMATION			BILLING INFORMATION							REQUESTED ANALYSIS (see Test Code sheet)								LAB USE ONLY					
Groundwater & Environmental Services, Inc. 415 Lawrence Bell Drive, Williamsville, NY 14221						Project Name: NYSDEC/Dunkirk/WillowbrookAve			NYSDEC Region 9 NYSDEC Project Manager: Maurice Moore Phone No.: 716-851-7220 Invoice Instructions																				
Project Manager: Eric D. Popken						Project Address: Willowbrook Avenue, Dunkirk, NY																							
PM Email: NERegion@gesonline.com						Project PSID #: 784171			NYSDEC Site No.: 907022 Lab Project Manager: Orlette Johnson																				
Sampler(s) Name:						Sampler(s) Name:																							
Pete Zaffram						Pat Colern																							
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)					Depth Interval (ft)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO ₃	H ₂ SO ₄	D/Water	MEOH	ENCORE	Amber	VOCs	SVOCs	Pesticides	Metals + Mercury	PCBs	CrVI	1,4-Dioxane	MS/MSD Collected		
	WP-4					NA	6/12/19	0940	R.E.	GW	10									X	X	X	X	X					
	WP-5					NA				GW										X	X	X	X	X					
	WP-7					NA	6/12/19	1050	R.Z.	GW	10									X	X	X	X	X					
	WP-8					NA	6/12/19	1220	R.Z.	GW	10									X	X	X	X	X					
	WT-1A					NA				GW										X	X	X	X	X					
	WT-1B					NA				GW										X	X	X	X	X					
	WT-2					NA				GW										X	X	X	X	X					
	WT-3					NA				GW										X	X	X	X	X					
	WT-4					NA				GW										X	X	X	X	X					
						NA				GW										X	X	X	X	X					
						NA				GW										X	X	X	X	X					
						NA				GW										X	X	X	X	X					
						NA				GW										X	X	X	X	X					
						NA				GW										X	X	X	X	X					

Data Deliverable Information	
☐	Commercial 'A' (Level 1) = Results Only
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☐	<i>NJ Data of Known Quality Protocol Reporting</i>
☐	NYASP Category A
☒	NYASP Category B
☐	State Forms
☐	EQEDD for GES Equals
☒	NYDEC EDD for NYSPDEC

Laboratory Information

Lab:	TestAmerica Laboratories, Inc. - Buffalo
Address:	10 Hazelwood Dr, Amherst, NY 14228
Phone:	716-691-2600
Lab PM:	Oriette Johnson

Lab PM Email: oriette.johnson@testamericainc.com

[illegible]

☒ Standard 14 Days _____ / _____

☐ 1 day RUSH _____ / _____

☐ Other _____ / _____

Please Email the EQ EDD Package to ges@equisonline.com

Please Email the EQ EDD Package to ges@equisonline.com
 EQEQEDD Name: NYSDEC/Dunkirk/WillowbrookAve_LabReport#.26699.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.			
Relinquished By: <i>[Signature]</i>	Date / Time: 10-14-19	Received By: <i>[Signature]</i>	1
Relinquished By:	Date / Time:	Received By:	2
Relinquished By:	Date / Time:	Received By:	3
Custody Seal Number:	☒ Intact ☐ Not Intact	☐ Preserved where applicable ☐ On Ice ☐ Cooler Temp	



FED-EX Tracking #	Bottle Order Control #
Lab Quote #	Lab Job #

[illegible]

Data Deliverable Information	
☐	Commercial 'A' (Level 1) = Results Only
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☐	FULLTI (Level 3 & 4)
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☐	NI Data of Known Quality Protocol Reporting
☐	NYASP Category A
☒	NYASP Category B
☐	State Forms
☒	EQEDD for GES Equis
☒	EQEDD EDD for NYSDEC

Laboratory Information	
Lab:	TestAmerica Laboratories, Inc. - Buffalo
Address:	10 Hazelwood Dr, Amherst, NY 14228
Phone:	716-691-2600
Lab PM:	Orlette Johnson
Lab PM Email:	orlette.johnson@testamericainc.com

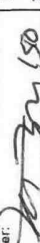
[illegible]☒ Standard 14 Days _____/_____

MS118 rev 1

☐ Other _____

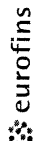
Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC/Dunkirk/WillowbrookAve_LabReport#.26699.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.			
Relinquished By Sampler:	Date / Time:	Received By:	
1. 	1. 6-14-19	1. 	
2.	2.	2.	
Relinquished By:	Date / Time:	Received By:	
3.	3.	3.	
Custody Seal Number:	☐ Intact ☐ Not Intact	☐ Preserved where applicable ☐ On Ice ☐ Cooler Temp	



Chain of Custody Record

[illegible]

ORIGIN ID:DKKA (716) 691-2600
CHAR BRONSON
TEST AMERICA
10 HAZELWOOD

AMHERST, NY 14228
UNITED STATES US

SHIP DATE: 19JUN19
ACTWGT: 9.40 LB
CAD: 846654/CAFE3211
DIMS: 15x13x10 IN

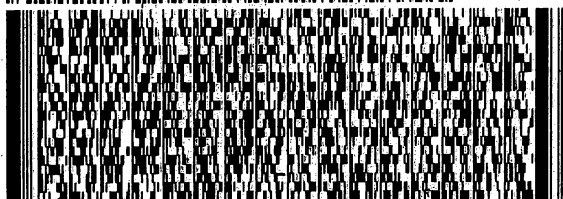
BILL RECIPIENT

TO **SAMPLE MGT.**
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990
DEPT: SAMPLE CONTROL

REF: BURLINGTON

11 000000000000 000000000000 000000000000 000000000000 000000000000



FedEx
Express



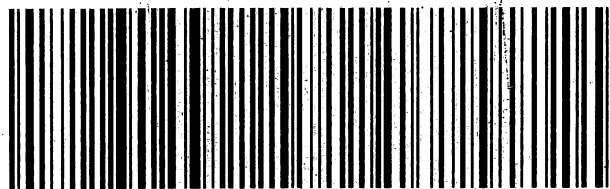
J181118060501.W

TRK# 4276 0720 0438
0201

THU - 20 JUN 10:30A
PRIORITY OVERNIGHT

XH BTVA

05403
VT-US BTV



Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-155113-1

Login Number: 155113

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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	
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 sample IDs on the containers 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	False	Refer to job narrative for details
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GES
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-155113-1

Login Number: 155113

List Source: Eurofins TestAmerica, Burlington

List Number: 2

List Creation: 06/20/19 01:36 PM

Creator: Mohn, Taylor J

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.4°C
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?	N/A	Received project as a subcontract.
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.	N/A	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Altech Specialty Steel #907022

Job ID: 480-155113-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFHxS (50-150)	PFHpA (50-150)	PFOA (50-150)	PFOS (50-150)	PFNA (50-150)	PFBA (25-150)	PFHxA (50-150)	PFDA (50-150)
480-155113-23	RFI-25	151 *	76	95	97	86	39	46 *	114
LCS 200-144457/2-A	Lab Control Sample	129	93	105	106	91	97	90	101
LCSD 200-144457/3-A	Lab Control Sample Dup	124	87	98	97	90	86	89	101
MB 200-144457/1-A	Method Blank	116	92	102	96	88	84	87	95

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFUnA (50-150)	PFDaA (50-150)	PFOSA (25-150)	PFPeA (25-150)	PFTDA (50-150)	i-NMeFOSA (50-150)	5-NEtFOSA (50-150)	M262FTS (25-150)
480-155113-23	RFI-25	109	95	78	55	95	100	118	136
LCS 200-144457/2-A	Lab Control Sample	108	100	69	92	98	89	114	119
LCSD 200-144457/3-A	Lab Control Sample Dup	102	99	68	85	93	86	108	120
MB 200-144457/1-A	Method Blank	91	75	49	77	68	81	94	112

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M282FTS (25-150)	13C3-PFBS (50-150)
480-155113-23	RFI-25	163 *	63
LCS 200-144457/2-A	Lab Control Sample	124	159 *
LCSD 200-144457/3-A	Lab Control Sample Dup	121	129
MB 200-144457/1-A	Method Blank	105	130

Surrogate Legend

PFHxS = 18O2 PFHxS
PFHpA = 13C4 PFHpA
PFOA = 13C4 PFOA
PFOS = 13C4 PFOS
PFNA = 13C5 PFNA
PFBA = 13C4 PFBA
PFHxA = 13C2 PFHxA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDaA = 13C2 PFDaA
PFOSA = 13C8 FOSA
PFPeA = 13C5 PFPeA
PFTDA = 13C2 PFTeDA
d3-NMeFOSAA = d3-NMeFOSAA
d5-NEtFOSAA = d5-NEtFOSAA
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
13C3-PFBS = 13C3 PFBS

Appendix B – DUSR

Quality Assessment Data Usability Summary Report

RemVēr Project #2019GE23			
Client Project #0901688-02-840			
Site:	Al-Tech, Dunkirk, NY	Site #:	907022
Client:	NYSDEC via GES, Inc.	Site Owner:	-N/A-
Sample Delivery Groups (SDGs)		See Table #1	
Sample Matrix:	☐ Drinking water	☒ Groundwater	☐ Surface water
	☐ Soil	☐ Sediment	☐ Air
	☐ Biota (tissue, type: _____)		☐ Other: _____

Introduction

Groundwater & Environmental Services (GES) contracted RemVēr to perform a data quality assessment (DQA) on analytical laboratory data of groundwater samples. Eurofins/Test America (E/TA) reported the data in separate Sample Delivery Groups (SDGs, see Table 1). Table 2 provides a cross-list of the samples associated with each SDG.

A DQA is an evaluation of the performance of analytical procedures and quality of the resulting data. Following the requirements of the New York State Department of Environmental Conservation (NYSDEC) Data Usability Summary Report (DUSR) guidelines for an Analytical Services Protocol (ASP) Category B Data Deliverable, RemVēr prepared a separate DQA/DUSR sub-report for each SDG, evaluating the performance of the analytical procedures and the quality of the resulting data. Each sub-report includes a narrative discussion of qualified sample, a DQA Detail Worksheet, and a Non-Conformance Summary Worksheet describing the final reported qualification flags applied to the data during the DQA. Additionally, one validated EXCEL electronic data deliverable (EDD) is included with this deliverable for each SDG discussed herein.

Intended Use of Data Under Review

NYSDEC contracted GES to perform a 2019 site-wide comprehensive groundwater monitoring event at the referenced site. The June 2019 monitoring event purpose was to update the existing groundwater dataset with current synoptic conditions. The field effort provided samples for analyses of groundwater conditions for the presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) including 1,4 Dioxane, organochlorine pesticides, polychlorinated biphenyls (PCBs), and metals/metalloids. Additionally, groundwater samples from pre-selected locations were analyzed for the presence of emerging contaminants including perfluoroalkyl and polyfluoroalkyl substances/compounds (PFAS or PFCs).

Significant Data Usability Issues in This Group of SDGs

RemVer rejected no results and they are acceptable for use. Certain results may have flagged analytes indicating non-detection or quality issues arising from sample handling, laboratory accuracy, or precision issues. Refer to the individual Lab Results and the five Data Usability Narrative sections (below) for details. Please refer to the individual SDG Lab Results and the respective Data Usability Narrative section of each DUSR sub-report for further detail.

Reported Methods

☐ Method 1311 TCLP ☐ Method 1312 SPLP ☒ Method 6010A, B & C / 6020 Trace Metals ☐ Method 7000 Metals ☒ Method 7196 Hexavalent Chromium (other: _____) ☒ Method 7470A or 7471 Mercury ☐ Method 8021 Volatile Organic Compounds (VOCs) GC ☐ Method 8081B or ☒ 608 Pesticides ☐ Method 8082 or ☒ 608 PCBs ☐ Method 8151 Chlorinated Herbicides ☒ Method 8260C VOCs GC/MS ☒ Method 8270D Semi-VOCs (sVOCs) GC/MS &/or SIM-ID ☐ Method 9010/9012/9014 Cyanides (_____)	☐ Method TO-13A PAHs (air) ☐ Method TO-14A / -15 VOCs (air, summa) (_____) ☐ Method TO-17 VOCs (air, sorbent) ☒ Method 537 PFCs via SPE & LC/MS-MS ☐ Volatile Petroleum Hydrocarbons (VPH) Method ☐ Extractable Petroleum Hydrocarbons (EPH) ☒ Other Methods: ☒ Method 3005A Total Metals Preparation ☒ Method 3510C Extraction (Sep. Funnel) ☒ Method 3535 Solid-Phase Extraction (SPE) ☒ Method 5030A/B/C Purge & Trap ☒ Method 7470A Mercury Preparation

Quality Control Requirements Summary

☒ Duplicate ☒ Matrix Spike [MS] / Matrix Spike Duplicate [MSD] ☒ Trip Blanks (as appropriate) ☐ Equipment, Method, &/or Rinsate Blank	☒ Other Field QC: Field notes regarding sampling ☐ Special QAPP Requirements: _____ _____

Table 1. Sample Data Group (SDG) List

SDG 480-#	Samples	Blanks	Duplicates	Sample Date(s)	METHODS								
					VOCs	Metals	Hg	Cr 6+	1,4-Dioxane	PFAS	SVOCs	Pest	PCBs
154653	16	—	1	06/06-07/19	X	X	X	X	—	—	X	X	X
154669	1	—	1	06/06/19	—	—	—	—	—	X	—	—	—
154729	8	1	2	06/10/19	X	X	X	X	X	—	X	X	X
154785	10	—	—	06/11/19	X	X	X	—	—	—	X	X	X
155113	23	—	—	06/11-14/19	X	X	X	—	—	X	X	X	X

Table 2. SDG and Sample List

Count	SDG 480-#	Sample #	Sample Name	Sample Date	Received
1	154653	#-1	RFI-26	06/06/19 12:40	06/07/19 17:40
2		#-2	RFI-31	06/06/19 16:40	06/07/19 17:40
3		#-3	RFI-34	06/06/19 12:45	06/07/19 17:40
4		#-4	RFI-35	06/06/19 11:20	06/07/19 17:40
5		#-5	RFI-36	06/06/19 11:15	06/07/19 17:40
6		#-6	TW-6	06/07/19 09:45	06/07/19 17:40
7		#-7	TW-7	06/07/19 09:30	06/07/19 17:40
8		#-8	TW-8	06/07/19 08:30	06/07/19 17:40
9		#-9	TW-12	06/07/19 11:25	06/07/19 17:40

RemVär

Count	SDG 480-#	Sample #	Sample Name	Sample Date	Received
10		#-10	TW-14	06/07/19 08:35	06/07/19 17:40
11		#-11	TW-15	06/07/19 11:20	06/07/19 17:40
12		#-12	MW-7	06/06/19 14:45	06/07/19 17:40
13		#-13	RFI-05A	06/06/19 14:25	06/07/19 17:40
13		#-14	DUP060719-1	06/06/19 14:45	06/07/19 17:40
14		#-15	TW-9	06/07/19 14:00	06/07/19 17:40
15		#-16	TW-13	06/07/19 14:15	06/07/19 17:40
16		#-17	MW-8	06/07/19 00:00	06/07/19 17:40
17	154669	#-1	MW-7	06/06/19 14:45	06/07/19 17:40
18		#-2	DUP-060619-1	06/06/19 14:45	06/07/19 17:40
19	154729	#-1	TW-5A	06/10/19 12:55	06/11/19 19:10
20		#-2	LAE-4	06/10/19 14:25	06/11/19 19:10
21		#-3	MW-6	06/10/19 10:40	06/11/19 19:10
22		#-4	DUP-061019-2	06/10/19 00:00	06/11/19 19:10
23		#-5	RFI-27	06/10/19 14:30	06/11/19 19:10
24		#-6	RFI-29	06/10/19 15:40	06/11/19 19:10
25		#-7	RFI-08A	06/10/19 10:45	06/11/19 19:10
26		#-8	RFI-11	06/10/19 15:45	06/11/19 19:10
27		#-9	RFI-18	06/10/19 13:00	06/11/19 19:10
28		#-10	DUP-061019-3	06/10/19 00:00	06/11/19 19:10
29		#-11	TRIP BLANK	06/10/19 00:00	06/11/19 19:10
30	154785	#-1	WT-1A	06/11/19 12:30	06/11/19 16:20
31		#-2	WT-1B	06/11/19 13:45	06/11/19 16:20
32		#-3	WT-2	06/11/19 09:30	06/11/19 16:20
33		#-4	WT-3	06/11/19 10:25	06/11/19 16:20
34		#-5	WT-4	06/11/19 08:35	06/11/19 16:20
35		#-6	RFI-19	06/11/19 09:05	06/11/19 16:20
36		#-7	WP-3A	06/11/19 12:25	06/11/19 16:20
37		#-8	BR-2	06/11/19 14:25	06/11/19 16:20
38		#-9	RFI-23	06/11/19 11:20	06/11/19 16:20
39		#-10	WP-4	06/11/19 13:30	06/11/19 16:20
40	155113	#-1	B-1	06/14/19 10:20	06/19/19 15:10
41		#-2	BFS-1	06/12/19 14:40	06/19/19 15:10
42		#-3	BFS-2	06/12/19 14:45	06/19/19 15:10
43		#-4	BR-4	06/12/19 09:30	06/19/19 15:10
44		#-5	RFI-01	06/14/19 10:25	06/19/19 15:10
45		#-6	RFI-02	06/13/19 14:00	06/19/19 15:10
46		#-7	WT-1B	06/11/19 13:45	06/19/19 15:10
47		#-8	RFI-04	06/14/19 09:05	06/19/19 15:10
48		#-9	RFI-06	06/13/19 10:50	06/19/19 15:10
49		#-10	RFI-9	06/12/19 12:45	06/19/19 15:10
50		#-11	RFI-10	06/13/19 10:40	06/19/19 15:10
51		#-12	RFI-12	06/14/19 11:45	06/19/19 15:10
52		#-13	RFI-16	06/12/19 10:55	06/19/19 15:10
53		#-14	RFI-17	06/13/19 08:30	06/19/19 15:10
54		#-15	RFI-22	06/13/19 14:15	06/19/19 15:10
55		#-16	RFI-24	06/13/19 12:25	06/19/19 15:10
56		#-17	RFI-25	06/13/19 12:05	06/19/19 15:10
57		#-18	RFI-28	06/14/19 09:00	06/19/19 15:10

Count	SDG 480-#	Sample #	Sample Name	Sample Date	Received
58		#-19	RFI-30	06/14/19 11:30	06/19/19 15:10
59		#-20	WP-5	06/12/19 09:40	06/19/19 15:10
61		#-21	WP-7	06/12/19 10:50	06/19/19 15:10
62		#-22	WP-8	06/12/19 12:20	06/19/19 15:10
63		#-23	RFI-25	06/13/19 12:05	06/19/19 15:10

The DUSR sub-reports attached hereto use the following PFAS compound abbreviations:

Perfluorobutanoic acid (PFBA)	Perfluorobutanesulfonic acid (PFBS)
Perfluoropentanoic acid (PFPeA)	Perfluorohexanesulfonic acid (PFHxS)
Perfluorohexanoic acid (PFHxA)	Perfluoroheptanesulfonic Acid (PFHpS)
Perfluoroheptanoic acid (PFHpA)	Perfluorooctanesulfonic acid (PFOS)
Perfluorooctanoic acid (PFOA)	Perfluorodecanesulfonic acid (PFDS)
Perfluorononanoic acid (PFNA)	Perfluorooctane Sulfonamide (PFOSA)
Perfluorodecanoic acid (PFDA)	N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)
Perfluoroundecanoic acid (PFUnA)	N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)
Perfluorododecanoic acid (PFDoA)	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)
Perfluorotridecanoic Acid (PFTriA)	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)
Perfluorotetradecanoic acid (PFTeA)	

References

- NYSDEC, 2010, *Technical Guidance for Site Investigation and Remediation*, "DER-10," Division of Environmental Remediation: Albany, NY, May, 232p
- NYSDEC, 2010, *Guidance for Data Deliverables and the Development of Data Usability Summary Reports*, Appendix 2B IN *Technical Guidance for Site Investigation and Remediation*, Division of Environmental Remediation: Albany, NY, May, 232p
- USEPA, 2008, *Contract Laboratory Program National Functional Guidelines for Organic Data Review*, OSWER 9240.1-48, USEPA-540-R-08-01, Office of Superfund Remediation and Technology Innovation: Washington, DC, June, 225p
- USEPA, 2010, *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, OSWER 9240.1-51, USEPA-540-R-10-011, Office of Superfund Remediation and Technology Innovation: Washington, DC, January, 110p
- USEPA, 2012, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW-846, Current Online Revision: <http://www.epa.gov/epawaste/hazard/testmethods/sw846/online/index.htm>, accessed April 2012

Attachments

1. Qualifier Flags
2. Data Usability Reviewer Biography
3. DUSR Sub-Report for SDG #480-154653
4. DUSR Sub-Report for SDG #480-154669
5. DUSR Sub-Report for SDG #480-154729
6. DUSR Sub-Report for SDG #480-154785
7. DUSR Sub-Report for SDG #480-155113

NOTE: Each DUSR Sub-Report has an associated separate annotated EDD with validation attached hereto (Excel File Name Format: SDG-#_EquaNysdec-V.xls)

Prepared by: Kurt A. Frantzen, PhD
August 26, 2019



GES PO #1104891-1100

Attachment 1. Qualifier Flags

Qualifier	Quality Implication
0–9	Use with Coeluting Congeners
A	Tentatively Identified Compound (TIC) suspected to be an aldol condensation product
B EB TB BB RB BH/BL	An analyte identified in method blank (B), aqueous equipment (EB), rinsate (RB), trip (TB), or bottle blanks (BB) used to assess field contamination associated with soil or sediment samples mandates these qualifiers for only soil and sediment sample results. Analyte detected in Blank at level >10X/5-10X that of the Sample
D	Sample analysis from dilution of original sample
E	Analyte concentration exceeds calibration range
HT	Holding time violation
J	Analyte positively identified at a numerical value that is the approximate concentration of the analyte in the sample
J +	Sample likely to have a high bias
J –	Sample likely to have a low bias
UJ	Analyte not detected above the sample quantitation limit; the associated quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification.”
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
R	Sample result rejected due to serious deficiency in ability to analyze sample and meet quality control criteria; the presence or absence of the analyte cannot be confirmed. This qualifier also may apply when more than one sample result is generated for a target analyte (<i>i.e.</i> , dilutions or re-analyses), the most technically acceptable result is considered acceptable.
P	Use professional judgment based on data use. It usually has an “M” with it, which indicates that a manual check should be made if the data that are qualified with the “P” are important to the data user. In addition, “PM” also means a decision is necessary from the Project Manager (or a delegate) concerning the need for further review of the data (<i>see below</i>).
PM	A manual review of the raw data is recommended to determine if the defect affects data use, as in “R” above. This review should include consideration of potential affects that could result from using the “P” qualified data. For example, in the case of holding-time exceedance, the Project Manager or delegate can decide to use the data with no qualification when analytes of interest are known not to be adversely affected by holding-time exceedances. Another example is the case where soil sample duplicate analyses for metals exceed the precision criteria; because this is likely due to sample non-homogeneity rather than contract laboratory error, then the manager or delegate must decide how to use the data.
U	Analyte analyzed for, but not detected above the sample’s reported quantitation limit

Attachment 2. Data Usability Reviewer: Kurt A. Frantzen, PhD

Experience

2013-Present	d/b/a RemVër	Owner
2014-2019	AECC	Senior EHS Consultant
2011-2012	RemVër, Inc.	President
2006-2011	Kleinfelder	Senior Principal Scientist
2005	Kleinfelder	Principal Scientist, Part-Time/On Call
2004-2006	d/b/a Environmental Risk Group	Owner
2004-2006	RemVër, Inc., Larchmont, NY	Founder, President
1999-2004	VHB, Inc.	ERM Director & Associate
1997-1998	GEI Consultants, Inc.	Senior Project Manager
1992-1997	Ecology and Environment, Inc.	Technical Chief
1991-1992	EA Engineering, Science, & Technology, Inc.	Project Manager III
1990-1991	Ecology and Environment, Inc.	Technical Group Manager
1986-1990	Ecology and Environment, Inc.	Senior Environmental Scientist

Education

Am Cancer Soc. Post-Doctoral Fellow, U Washington 1985-1986
PhD—Life Sci. / Biochem, NU—Lincoln 1985
MS—Plant Pathology, Kansas State Univ. 1980
BS—Biology, NU—Omaha 1978

Other

- CERCLA & RCRA experience, as well as DOD (Air Force & Army) & DOE (INEL)
- NE Regional Experience—NY BCP; Mass MCP; & various sites in CT, RI & NH
- National Experience: NE, SE, Gulf & West Coast, Mid-west, Inter-mountain, California, Alaska
- International: Germany, Israel, Kuwait, Australia
- Selected Publications
 - *Using Risk Appraisals to Manage Environmentally Impaired Properties*, 2000, VHB Site Works, Report 108
 - *Risk-Based Analysis for Environmental Managers*, 2001, CRC/Lewis
 - Chapter 7 Risk Assessment, *Managing Hazardous Materials*, 2002 & 2009, IHMM
 - Chapter 22 Cleanup Goals, *Brownfields Law & Practice*, 2004-Present, Lexis/Nexis
 - *Use of Risk Assessment in Risk Management of Contaminated Sites*, 2008, ITRC
- 60 Conference Papers & Invited Professional Presentations
 - 1999-2019, Visiting Lecturer, Brownfields Program, Harvard Graduate School of Design
 - 2010-2013, Invited Lecturer, Pace University Law School
 - 2014-2015, Adjunct Professor, Pace University Law School

Attachment 3. Data Usability Sub-Report for SDG #480-154653

Detailed Quality Review

Field Notes Review

	Y	N	NA	COMMENTS
Sampling notes	☒	☐	☐	
Field meteorological data	☐	☐	☒	No review required under QAPP
Associated sampling location and plan included	☐	☒	☐	See RAP/QAPP
Associated drilling logs available, reviewed	☐	☐	☒	No review required under QAPP
Identification of QC samples in notes	☒	☐	☐	Sample IDs
Sampling instrument decontamination records	☐	☐	☒	No review required under QAPP
Sampling instrument calibration logs	☐	☐	☒	No review required under QAPP
Chain of custody included	☒	☐	☐	With analytical report
Notes include communication logs	☐	☒	☐	
Any corrective action (CA) reports	☐	☒	☐	If so, CA documentation of results required.
Any deviation from methods noted? If so, explain	☐	☒	☐	None
Any electronic data deliverables	☐	☒	☐	None
Sampling Report (by Field Team Leader)	☒	☐	☐	Field Notes

Lab Report Contents (Test America SDG Reports: #480-154653)

☒ SDG Narrative	☒ Spike recoveries
☒ Contract Lab Sample Information Sheets	☒ Duplicate results
☒ Data Package Summary Forms	☒ Confirmation (lab check/QC) samples
☒ Chain-of-Custody (COC) Forms	☒ Internal standard area & retention time summary
☒ Test Results (no tentatively identified compounds [TICs])	☒ Chromatograms
☒ Calibration standards	☒ Raw data files
☒ Surrogate recoveries	☒ Other specific information
☒ Blank results	

Is the data package complete as defined under the requirements for the NYSDEC ASP Category B?		
Laboratory Report	Complete (Y/N)	Comments
480-154653	Y	No

Sample Preservation Requirements & Holding Times Met?			
Laboratory Report	Hold Times (Y/N)	Preservation (Y/N)	Exception Comment
480-154653	Y	Y	None
	N		Hexavalent Chromium Analysis

Do the QC data fall within the protocol required limits and specifications?									
(1) blanks, (2) instrument tunings, (3) calibration standards, (4) calibration verifications, (5) surrogate recoveries/ISD, (6) spike recoveries, (7) replicate analyses, (8) laboratory controls, (9) and sample data									
SDG	1	2	3	4	5	6	7	8	9
480-154653	☐	☐	☐	☒	☒	☒	☒	☐	☒
The narrative section, below, discusses these deficiencies in detail, see Attachment 1 as well.									

Have the data been generated using established and agreed upon analytical protocols?		
Laboratory Report	Protocols (Y/N)	Exception Comment
480-154653	Y	No

Do the raw data confirm the results provided in the data summary sheets and quality control verification forms?		
Laboratory Report	Confirmation (Y/N)	Exception Comment
480-154653	Y	No

Have the correct data qualifiers been used and are they consistent with the most current guidance?		
Laboratory Report	Qualifiers (Y/N)	Comment
480-154653	Y	The laboratory generally applied appropriate qualifiers.

Have any quality control (QC) exceedances been specifically noted in this DUSR and the corresponding QC summary sheets from the data packages referenced?		
Laboratory Report	QC Exceedances Documented (Y/N)	Comment
480-154653	Y	Data qualifications were applied as described below

Data Quality and Usability Narrative

Field Notes Inspection

The groundwater samples came from a collection event on June 6-7, 2007. RemVēr reviewed the field notes as part of this DUSR.

Laboratory Report Inspection

E/TA produced an SDG report #480-154653 (dated 30-Jun-19). The SDG report had the required data and information.

Chain of Custody (COC) Evaluation

NYSDEC/GES produced a COC for the referenced fieldwork (GES Project PSID#784170): SDG: #480-154653—single, two-page COC. RemVēr observed that the Login Sample Receipt Checklist included in the final report was blank; however, notes were available in the SDG narrative. E/TA noted the following issue(s) at time of sample acceptance:

- Method 7196—the Samples (#-6, 7, 8, 9, 10, & 11) for Hexavalent Chromium analysis were beyond the method holding time. RemVēr flagged all results as HT.
- Method 7196—the Samples (#-15 & 16) for Hexavalent Chromium analysis were within the method holding time; therefore, no flag was necessary.
- GES submitted Sample #-17 (MW-8) for analysis, but E/TA noted it was missing from the COC list of samples.

Sample Preservation & Holding Time Evaluation

Laboratory received a cooler with samples on 6/7/2019 @ 17:40 PM (designated as SDG-#480-154653). The temperature of the twelve cooler(s) at receipt ranged from 1.8–3.5°C. The samples arrived in good condition, properly preserved, and where necessary under ice. Field staff and laboratory met the holding times and preservation requirements with certain exception(s):

- The Samples (#-6, 7, 8, 9, 10, & 11) for Hexavalent Chromium analysis (Batch 476904) were beyond the method holding time. RemVēr flagged all results as HT. Samples #-15 and #-16 were within the holding time.

Sample Preparation

Sample preparation for organic and inorganic analyses were within acceptable parameters with no exceptions noted.

Detection Limits

Analytical detection limits (DLs) were acceptable for all analytes causing no QA issues other than those noted below:

- If an analyte was below the method detection limit (MDL), then a “U” flag was set to indicate non-detection (undetected).
- If an analyte was above the method detection limit (MDL) but below the reporting limit (RL), then then a “UJ” flag was set to indicate a qualified non-detection.
- The results for the following samples received a “D” flag to indicate sample dilution.
 - Method(s) 8260C: Samples #-1 & 2 required dilution to adjust the target analytes concentrations within the instrument's calibration range, resulting in elevated RLs for the reported results.
 - Method(s) 8270D: Sample #-17 required dilution to adjust the target analytes concentrations within the instrument's calibration range, resulting in elevated RLs for the reported results.
 - Method(s) 608.3: Sample #-17 required dilution to adjust the target PCB analytes concentrations within the instrument's calibration range, resulting in elevated RLs for the reported results.
 - Method(s) 6010: Samples #-7 & 11 required dilution to adjust the target analyte (Sodium) concentrations within the instrument's calibration range, resulting in elevated RLs for the reported results.
 - Method(s) 7196: Samples #-7 & 11 required dilution to adjust the target analyte (Hexavalent Chromium) concentrations within the instrument's calibration range, resulting in elevated RLs for the reported results.

Calibration Standards and Continuing Calibration Verification (CCV)

Calibration standards (external or internal) were acceptable for all methods and analytes. E/TA noted in the SDG that CCVs were acceptable in all methods and analytes, with the following exceptions for Method 8270:

- Batch 477865 had CCV recovery outside acceptance criteria (below the lower control limit [$<LCL$]) with low biased for Pentachlorophenol. Analysis of a reporting limit (RL) standard indicated acceptable target analyte detection; however, the associated samples (#-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, & 15) were non-detect for this analyte. RemVēr flagged the results as UJ-.
- Batch 478132 had CCV recovery outside acceptance criteria ($<LCL$) with low biased for Pentachlorophenol. Analysis of a RL standard indicated acceptable target analyte detection; however, the associated Sample #-16 were non-detect for this analyte. RemVēr flagged the results as UJ-.
- Batch 478204 CCV recovery was greater than the upper control limit ($>UCL$) for 4-Chloroaniline. The associated sample (#-17) was non-detect for this analyte. RemVēr flagged the results as UJ.

Blank Evaluation

SDG #480-154653 had Method Blanks (MBs) for each method and were acceptable (no detectable analytes), with the following exception(s):

- Method 8270—Batch 477865 had detections of Fluorene and Phenanthrene above the method detection limit (MDL) but below the reporting limit ($MDL < [X] < RDL$), indicating a non-detection. Therefore, no quality flag was necessary.
- Method 6010—Batch 478285 had detections of Iron and Manganese above the method detection limit (MDL) but below the reporting limit ($MDL < [X] < RDL$), indicating a non-detection. Therefore, no quality flag was necessary.

Laboratory Control Samples (LCS)

The various method LCS' (LCS & LCS duplicates [LCSD]) were within the acceptable control ranges and relative percent differences (RPDs) for their particular analyses in SDG 480-154653.

Surrogates and Isotope Dilution

Surrogates added to a sample allow testing of preparatory and instrument behavior resulting in recoveries within appropriate method ranges for the analytes. Surrogates behaved in this SDG within acceptable performance criteria, with the following exceptions.

- Method 608.3 (PCBs)—Sample #-17 had Tetrachloro-m-xylene (TCX) recovery on the second column beyond the upper control limit ($>UCL$), while the initial column run was within limits. This resulted in relative percent difference (RPD) of beyond 40%. RemVēr flagged these results as UJ because all results were non-detect.

The analyses did not use Isotope Dilution Analyte (IDA).

Site-Specific Matrix Spikes and Matrix Spike Duplicates

The matrix spike/matrix spike duplicate (MS/MSD) runs for all analyses met the QA criteria in SDG 480-154653 with the following exceptions:

- Method 8260—the MS/MSD runs (Batch 476858) had recovery limits beyond control limits for analytes: cis-1,2-Dichloroethene ($>UCL$ with high bias), and Methyl Acetate ($<LCL$ with low bias). In contrast, 1,2-Dibromo-3-chloropropane had poor precision (MS vs. MSD) resulting in a relative percent difference [RPD] above control limit. RemVēr flagged all samples for these analytes as UJ+/J+, UJ-/J-, and UJ/J, respectively.
- Method 8270—3,3'-Dichlorobenzidine had poor precision (MS vs. MSD) resulting in a high RPD above control limit (Batch 477313/477865) and was likely due to sample matrix interference and/or non-homogeneity. RemVēr flagged all samples for these analytes as UJ/J.
- Method 6010—Batch 478285 had spike recoveries of Aluminum and Iron above the control limit ($>UCL$ with high bias). RemVēr flagged all samples for these analytes as UJ+/J+.
- Method 6010—analytes Calcium, Magnesium, and Manganese were present in the original sample at 4-times greater than the matrix spike concentration; therefore, control limits are not applicable. No qualifier flag set.
- Method 7196—Hex-Chrome had spike recovery less than the lower control level ($<LCL$) with low bias. Therefore, RemVēr flagged all samples as UJ- or J-.

Duplicates

The analytical Method Duplicates met their RPD performance criteria. GES submitted one field replicate sample:

- #-14 (Dup-060719) was a replicate of #-12—all detected analytes failed the RPD performance criteria of <20%, indicating poor field precision. RemVēr flagged all detected VOC, SVOC, and Inorganic analytes as UJ or J for poor precision only in these two samples.

Tentatively Identified Compounds (TICs)

This SDG included analysis of TICs; only Sample #-3 had TIC detections, the others had none. RemVēr qualified these results as N (designating a TIC) and UJ or J (to indicate an estimated concentration).

Sample Result and Usability Evaluation

Due to sample issues or laboratory performance certain results were qualified; however, the data are usable. No data received an R (rejected) flag.

DQA Detail Worksheet for SDG #480-154653

BLANKS	>RL?	Compounds	Notes
VOC (8260)	No	None	No Comment
SVOCs (8270)	No	None	No Comment
Pest (608.3)	No	None	No Comment
PCBs (608.3)	No	None	No Comment
Metals (6010)	No	None	No Comment
Mercury (7470)	No	None	No Comment
Hex. Chrome (7196)	No	None	No Comment

LCS	SV <10%	Low Bias > 10% & < LCL	High Bias >UCL	Compound(s)	Notes
VOC (8260)	—	—	—	All	No Comment
SVOCs (8270)	—	—	—	All	No Comment
Pest (608.3)	—	—	—	All	No Comment
PCBs (608.3)	—	—	—	All	No Comment
Metals (6010)	—	—	—	All	No Comment
Mercury (7470)	—	—	—	Mercury	No Comment
Hex. Chrome (7196)	—	—	—	Hexavalent Chromium	No Comment

SURROGATES	SV <10%	> 10% & < LCL	>UCL	Compound(s)	Notes
VOC (8260)	—	—	—	—	No Comment
SVOCs (8270)	—	—	—	—	No Comment
Pest (608.3)	—	—	—	—	No Comment
PCBs (608.3)	—	—	X	TCX2	#-17 Flag UJ / J

MS/MSDs	SV <10%	Low Bias > 10% & < LCL	High Bias >UCL	QC Source	RPDs	Notes
VOC (8260)	—	—	—	#-12	—	No Comment
cis-1,2-Dichloroethene	—	—	X		—	Flag UJ+ or J+
Methyl Acetate	—	X	—		X	Flag UJ- or J-
1,2-Dibromo-3-chloropropane	—	—	—		X	Flag UJ or J
SVOC (8270)	—	—	—		X	Flag UJ or J
Dichlorobenzidine	—	—	—		—	Flag UJ+ or J+
Metals (6010) Al & Fe	—	—	X		—	No Comment
Mercury (7470)	—	—	—		—	Flag UJ- or J-
Hex. Chrome (7196)	—	X	—			

DQA Detail Worksheet for SDG #480-154653 continued

FIELD DUPLICATES RPDs	QC Source	Soil RPD > 50%	Water RPD > 20%	Compounds	Notes
#-14 Dup060719	#-12 MW-7	N/A	X	Detected VOCs	Flag UJ / J
		N/A	X	Detected SVOCs	
		N/A	X	Detected Inorganics	
LAB DUPLICATES					
All Methods	Batch	N/A	—	As listed	No Comment
Reasonable Confidence Achieved ☐ Y ☐ N—Not Applicable Significant QC Variances Noted ☒ Y ☐ N Requested Reporting Limits Achieved ☒ Y ☐ N Preservation Requirements Met ☒ Y ☐ N Holding Time Requirements Met ☐ Y ☒ N <i>Hexavalent Chromium</i>					
Abbreviations: RL = Reporting Limit LCS = Laboratory Control Sample SV = Significant QC Variance RPD = Relative Percent Difference LCL= RCP Lower Control Limit UCL= RCP Upper Control Limit VOCs = Volatile Organic Compounds SVOCs = Semi-volatile Organic Compounds Pest = Pesticides EPH = Extractable Petroleum Hydrocarbons VPH = Volatile Petroleum Hydrocarbons ETPH = EPH-Total PCBs = Polychlorinated Biphenyls N/A = Not Applicable N/C = Not Collected -- = nothing to report Notes: * Typical lab contaminants, not site-related					

DQA Non-Conformance Summary Worksheet for SDG #480-154653

Only Flagged Results Shown Below

Sample Number(s)	Compound(s)	QC Non-Conformance	% Recovery	% RPD †	High or Low Bias ‡	Comments
ALL	All	If Non-detect				Flag U
	All	MDL>result<RDL	—	—	—	Validator Flag UJ Interpreted Flag U
	cis-1,2-Dichloroethene	MS/MSD	>UCL	—	High	Flag UJ+ or J+
	Methyl Acetate	MS/MSD	<UCL	X	Low	Flag UJ- or J-
	1,2-Dibromo-3-chloropropane	MS/MSD	—	X	—	Flag UJ or J
	Dichlorobenzidine	MS/MSD	—	>UCL	—	Flag UJ+ or J+
	Aluminum & Iron	MS/MSD	>UCL	—	High	Flag UJ+ or J+
#-1 & -2	VOCs	Calibration (Dilu.)	—	—	—	Flag D
#-17	SVOCs & PCBs	Calibration (Dilu.)	—	—	—	Flag D
#-7 & -11	Sodium & Hex. Chrome	Calibration (Dilu.)	—	—	—	Flag D
#-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, & 15	Pentachlorophenol	CCV	>LCL	—	Low	Flag UJ- or J-
#-16	Pentachlorophenol	CCV	>LCL	—	Low	Flag UJ- or J-
#-17	4-Chloroaniline	CCV	>UCL	—	—	Flag UJ or J
#-17	PCBs	Surrogate	>UCL	—	—	Flag UJ / J
#-3	Any	TICs	—			Flag N & UJ or J
#-6, 7, 8, 9, 10, & 11	Hexavalent Chrome	Holding Time	Beyond			Flag HT
#-6, 7, 8, 9, 10, & 11	Hexavalent Chrome	MS/MSD	<LCL	—	Low	Flag UJ- or J-
#-12 & #-14	Detected VOCs Detected SVOCs Detected Inorganics	Duplicate Field Precision	>UCL	—	—	Flag UJ or J

Notes: † RPD—Relative Percent Difference

‡ Bias High—Reported result may be lower, Reporting Limit (RL) is acceptable as reported. Bias Low—Reported results may be higher, RL may be higher than reported.

Attachment 4. Data Usability Sub-Report for SDG #480-154669

Detailed Quality Review

Field Notes Review

	Y	N	NA	COMMENTS
Sampling notes	☒	☐	☐	
Field meteorological data	☐	☐	☒	No review required under QAPP
Associated sampling location and plan included	☐	☒	☐	See RAP/QAPP
Associated drilling logs available, reviewed	☐	☐	☒	No review required under QAPP
Identification of QC samples in notes	☒	☐	☐	Sample IDs
Sampling instrument decontamination records	☐	☐	☒	No review required under QAPP
Sampling instrument calibration logs	☐	☐	☒	No review required under QAPP
Chain of custody included	☒	☐	☐	With analytical report
Notes include communication logs	☐	☒	☐	
Any corrective action (CA) reports	☐	☒	☐	If so, CA documentation of results required.
Any deviation from methods noted? If so, explain	☐	☒	☐	None
Any electronic data deliverables	☐	☒	☐	None
Sampling Report (by Field Team Leader)	☒	☐	☐	Field Notes

Lab Report Contents (Test America SDG Reports: #480-154669)

☒ SDG Narrative	☒ Spike recoveries
☒ Contract Lab Sample Information Sheets	☒ Duplicate results
☒ Data Package Summary Forms	☒ Confirmation (lab check/QC) samples
☒ Chain-of-Custody (COC) Forms	☒ Internal standard area & retention time summary
☒ Test Results (no tentatively identified compounds [TICs])	☒ Chromatograms
☒ Calibration standards	☒ Raw data files
☒ Surrogate recoveries	☒ Other specific information
☒ Blank results	

Is the data package complete as defined under the requirements for the NYSDEC ASP Category B?		
Laboratory Report	Complete (Y/N)	Comments
480-154669	Y	No

Sample Preservation Requirements & Holding Times Met?			
Laboratory Report	Hold Times (Y/N)	Preservation (Y/N)	Exception Comment
480-154669	Y	Y	None

Do the QC data fall within the protocol required limits and specifications?									
(1) blanks, (2) instrument tunings, (3) calibration standards, (4) calibration verifications, (5) surrogate recoveries/ISD, (6) spike recoveries, (7) replicate analyses, (8) laboratory controls, (9) and sample data									
SDG	1	2	3	4	5	6	7	8	9
480-154669	☐	☐	☐	☐	☒	☒	☒	☒	☒
The narrative section, below, discusses these deficiencies in detail, see Attachment 1 as well.									

Were the data generated using established and agreed upon analytical protocols?		
Laboratory Report	Protocols (Y/N)	Exception Comment
480-154669	Y	No

Do the raw data confirm the results provided in the data summary sheets and quality control verification forms?		
Laboratory Report	Confirmation (Y/N)	Exception Comment
480-154669	Y	No

Were the correct data qualifiers used and are they consistent with the most current guidance?		
Laboratory Report	Qualifiers (Y/N)	Comment
480-154669	Y	The laboratory generally applied appropriate qualifiers.

Were quality control (QC) exceedances specifically noted in this DUSR and the corresponding QC summary sheets from the data packages referenced?		
Laboratory Report	QC Exceedances Documented (Y/N)	Comment
480-154669	Y	Data qualifications were applied as described below

Data Quality and Usability Narrative

Field Notes Inspection

The groundwater samples came from a collection event June 6, 2019. RemVēr reviewed the field notes as part of this DUSR.

Laboratory Report Inspection

E/TA produced an SDG report #480-154669 (dated 28-Jun-19). The SDG report had the required data and information.

Chain of Custody (COC) Evaluation

NYSDEC/GES produced a COC for the referenced fieldwork: SDG: #480-154669—single, one-page COC; the laboratory noted no issues at the time of acceptance.

Sample Preservation & Holding Time Evaluation

Laboratory received a cooler with samples on 6/7/2019 @ 17:40 PM (designated as SDG-#480-154669). The temperature of the cooler at receipt was 3.7°C. The samples arrived in good condition, properly preserved, and where necessary under ice. Holding times and preservation requirements were met with no exception.

Sample Preparation

The laboratory reported no issues associated with sample preparation for LCMS (PFAS) analysis.

Detection Limits

Analytical detection limits (DLs) were acceptable for all analytes causing no QA issues other than those noted below:

- If an analyte was below the method detection limit (MDL), then a “U” flag was set to indicate non-detection (undetected).
- If an analyte was above the method detection limit (MDL) but below the reporting limit (RL), then then a “UJ” flag was set to indicate a qualified non-detection.

- *Method 537mod*—Sample #-1 (including the derivative MS/MSD) and #-2 results came from analysis of a diluted extract due to high concentration of target or non-target analytes in original sample analysis on a more concentrated sample was not possible. The laboratory applied the dilution factor to the labeled internal standard area counts, which were within method acceptance limits. The results for these samples received a “D” flag to indicate sample dilution.

Calibration Standards and Continuing Calibration Verification (CCV)

Calibration standards (external or internal) were acceptable for all analytes. CCVs were acceptable in the SDG for all methods and analytes, with no exceptions.

Blank Evaluation

SDG #480-154669 had Method Blanks (MBs) for each method. The MBs were acceptable (no detectable analytes), with no exceptions.

Laboratory Control Samples (LCS)

The various method LCS' (LCS & LCS duplicates [LCSD]) were within the acceptable control ranges and relative percent differences (RPDs) for their particular analyses in SDG 480-154669, with the following exception(s):

- *Method 537mod*—Batch 144296 had a PFBS spike beyond limits (above the upper control limit [$>UCL$]) with high bias, impacting all samples. RemVēr flagged these results as UJ+ or J+.

Surrogates and Isotope Dilution

Surrogates added to a sample allow testing of preparatory and instrument behavior resulting in recoveries within appropriate method ranges for the analytes. Surrogates were not used in this SDG. Isotope Dilution Analyte (IDA) recovery is like surrogate recovery and was generally acceptable with exceptions noted below. (Note that IDA quantitation typically precludes adverse effects on data quality due to elevated IDA recoveries.) IDA recoveries were greater than the recommended method limit for certain samples and analytes:

- Sample #-1—IDA recovery of PFHxS and NMeFOSAA were below the method recommended limit. Data quality is typically unaffected when the signal-to-noise ratio is greater than 10:1, which was true in this case. The detection limits were below the lower calibration. RemVēr flagged the results as UJ or J as appropriate.
- Sample #-1 MS— $^{13}C_3$ -PFBS IDA recovery was below the method recommended limit. Data quality is typically unaffected when the signal-to-noise ratio is greater than 10:1, which was true in this case. The detection limits were below the lower calibration. RemVēr flagged the results as UJ or J as appropriate.

Site-Specific Matrix Spikes and Matrix Spike Duplicates

The Method 537mod matrix spike/matrix spike duplicate (MS/MSD) runs for all analyses met the QA criteria in SDG 480-154669 with the following exceptions:

- PFHpA, NEtFOSAA, & 8:2 FTS—MS/MSD relative percent difference (RPD) were beyond the control limit (indicating poor precision) likely due to sample matrix interference and/or non-homogeneity. RemVēr flagged the analytes in all samples as UJ or J, as appropriate.

RemVër

- PFBS & 6:2 FTS—spike recoveries were >UCL and the MS/MSD RPD were beyond the control limit (indicating poor precision) likely due to sample matrix interference and/or non-homogeneity. RemVër flagged the analytes in all samples as UJ+ or J+, as appropriate.
- PFHpS—spike recoveries were >UCL likely due to sample matrix interference and/or non-homogeneity. RemVër flagged the analytes in all samples as UJ+ or J+, as appropriate.

Duplicates

The analytical Method Duplicates met their RPD performance criteria. GES submitted two different field replicate samples for different analyses:

- #3 (Dup-042919-1)—was a replicate of #-1. The PFAS (537) analytes did not meet the RPD performance criteria of <20%, suggesting poor field precision. RemVër flagged the PFAS results of these samples as UJ or J.
- #5 (Dup-042919-2)—was a replicate of #-4. The 1,4-Dioxane (8270-SIM) analysis did not meet the RPD performance criteria of <20%, suggesting poor field precision. RemVër flagged the PFAS results of these samples as UJ or J.

Tentatively Identified Compounds (TICs)

This SDG had no analysis of TICs.

Sample Result and Usability Evaluation

Due to sample issues or laboratory performance certain results were qualified; however, the data are usable. No data received an R (rejected) flag.

DQA Detail Worksheet for SDG #480-154669

BLANKS	>RL?	Compounds	Notes
—	—	—	—
PFAS (537)	No	None	No Comment

LCS	SV <10%	Low Bias > 10% & < LCL	High Bias >UCL	Compound(s)	Notes
PFAS (537)	—	—	—	All Others	No Comment
	—	—	X	PFBS	Flag UJ+ / J+

SURROGATE/IDA	SV <10%	> 10% & < LCL	>UCL	Compound(s)	Notes
PFAS (537)	—	—	—	All Others	No Comment
	—	X	—	PFHxS & NMeFOSAA	Sample #1 Flag UJ / J
	—	X	—	¹³ C ₃ -PFBS	Sample #1 MS Flag UJ / J

MS/MSDs	SV <10%	Low Bias > 10% & < LCL	High Bias >UCL	QC Source	RPDs	Notes
PFAS (537)	—	—	—	#1	—	No Comment
PFHpA, NtFOSAA, & 8:2 FTS	—	—	—	#1	>UCL	Flag UJ / J
PFBS & 6:2 FTS	—	—	X	#1	>UCL	Flag UJ+ / J+
PFHpS	—	—	X	#1	—	Flag UJ+ / J+

FIELD DUPLICATES RPDs	QC Source	Soil RPD > 50%	Water RPD > 20%	Compounds	Notes
#2	#1	N/A	—	All Other PFAS Cmpds.	—
		N/A	X	PFBS	Flag UJ/J
		N/A	N/A	—	—

LAB DUPLICATES					
All Methods	Batch	N/A	—	As listed	No Comment

Reasonable Confidence Achieved ☐ Y ☐ N—Not Applicable
 Significant QC Variances Noted ☒ Y ☐ N
 Requested Reporting Limits Achieved ☒ Y ☐ N
 Preservation Requirements Met ☒ Y ☐ N
 Holding Time Requirements Met ☒ Y ☐ N

Abbreviations:

RL = Reporting Limit LCS = Laboratory Control Sample SV = Significant QC Variance
 RPD = Relative Percent Difference LCL= RCP Lower Control Limit UCL= RCP Upper Control Limit
 VOCs = Volatile Organic Compounds SVOCs = Semi-volatile Organic Compounds Pest = Pesticides
 EPH = Extractable Petroleum Hydrocarbons VPH = Volatile Petroleum Hydrocarbons ETPH = EPH-Total
 PCBs = Polychlorinated Biphenyls N/A = Not Applicable N/C = Not Collected -- = nothing to report

Notes: * Typical lab contaminants, not site-related

DQA Non-Conformance Summary Worksheet for SDG #480-154669

Only Flagged Results Shown Below

Sample Number(s)	Compound(s)	QC Non-Conformance	% Recovery	% RPD †	High or Low Bias ‡	Comments
All	Any	Analyte Non-detect				Flag U
	Any	MDL>result<RDL	—	—	—	Validator Flag UJ Interpreted Flag U
	All	Calibration (Dilu.)	—			Flag D
#-1 & 2	PFBS	LCS/LCSD	X	—	High	Flag UJ+ / J+
#-1	PFHxS & NMeFOSAA	IDA	<LCL	—	—	Flag UJ or J
#-1 & 2	¹³ C ₃ -PFBS	IDA	<LCL	—	—	Flag UJ or J
#-1 & 2	PFHpA, NEtFOSAA, & 8:2 FTS	MS/MSD	—	>UCL	—	Flag UJ or J
#-1 & 2	PFBS & 6:2 FTS	MS/MSD	X	>UCL	High	Flag UJ+ / J+
#-1 & 2	PFHpS	MS/MSD	X	—	High	Flag UJ+ / J+
#-1 & 2	PFBS	Duplicate Field Precision	>UCL	—	—	Flag UJ or J

Notes: † RPD—Relative Percent Difference

‡ Bias High—Reported result may be lower, Reporting Limit (RL) is acceptable as reported. Bias Low—Reported results may be higher, RL may be higher than reported.

Attachment 5. Data Usability Sub-Report for SDG #480-154729

Detailed Quality Review

Field Notes Review

	Y	N	NA	COMMENTS
Sampling notes	☒	☐	☐	
Field meteorological data	☐	☐	☒	No review required under QAPP
Associated sampling location and plan included	☐	☒	☐	See RAP/QAPP
Associated drilling logs available, reviewed	☐	☐	☒	No review required under QAPP
Identification of QC samples in notes	☒	☐	☐	Sample IDs
Sampling instrument decontamination records	☐	☐	☒	No review required under QAPP
Sampling instrument calibration logs	☐	☐	☒	No review required under QAPP
Chain of custody included	☒	☐	☐	With analytical report
Notes include communication logs	☐	☒	☐	
Any corrective action (CA) reports	☐	☒	☐	If so, CA documentation of results required.
Any deviation from methods noted? If so, explain	☐	☒	☐	None
Any electronic data deliverables	☐	☒	☐	None
Sampling Report (by Field Team Leader)	☒	☐	☐	Field Notes

Lab Report Contents (Test America SDG Reports: #480-154729)

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☒ Test Results (no tentatively identified compounds [TICs])	☒ Chromatograms
☒ Calibration standards	☒ Raw data files
☒ Surrogate recoveries	☒ Other specific information
☒ Blank results	

Is the data package complete as defined under the requirements for the NYSDEC ASP Category B?		
Laboratory Report	Complete (Y/N)	Comments
480-154729	Y	No

Sample Preservation Requirements & Holding Times Met?			
Laboratory Report	Hold Times (Y/N)	Preservation (Y/N)	Exception Comment
480-154729	Y	Y	None

Do the QC data fall within the protocol required limits and specifications?									
(1) blanks, (2) instrument tunings, (3) calibration standards, (4) calibration verifications, (5) surrogate recoveries/ISD, (6) spike recoveries, (7) replicate analyses, (8) laboratory controls, (9) and sample data									
SDG	1	2	3	4	5	6	7	8	9
480-154729	☐	☐	☐	☒	☒	☒	☒	☒	☒
The narrative section, below, discusses these deficiencies in detail, see Attachment 1 as well.									

Were the data generated using established and agreed upon analytical protocols?		
Laboratory Report	Protocols (Y/N)	Exception Comment
480-154729	Y	No

Do the raw data confirm the results provided in the data summary sheets and quality control verification forms?		
Laboratory Report	Confirmation (Y/N)	Exception Comment
480-154729	Y	No

Were correct data qualifiers used and are they consistent with the most current guidance?		
Laboratory Report	Qualifiers (Y/N)	Comment
480-154729	Y	The laboratory generally applied appropriate qualifiers.

Were quality control (QC) exceedances specifically noted in this DUSR and the corresponding QC summary sheets from the data packages referenced?		
Laboratory Report	QC Exceedances Documented (Y/N)	Comment
480-154729	Y	Data qualifications were applied as described below

Data Quality and Usability Narrative

Field Notes Inspection

The groundwater samples came from a collection event June 10, 2019. RemVēr reviewed the field notes as part of this DUSR.

Laboratory Report Inspection

E/TA produced an SDG report #480-154729 (dated 9-Jul-19). The SDG report had the required data and information. E/TA reported that it failed to log the request for analysis of hexavalent chromium associated with Sample #-1 (TW-5A), due to laboratory error. Client approved dropping the analysis.

Chain of Custody (COC) Evaluation

NYSDEC/GES produced a COC for the referenced fieldwork (GES Project PSID#784171): SDG: #480-154729—single, four-page COC; laboratory noted no issues at the time of acceptance.

Sample Preservation & Holding Time Evaluation

Laboratory received a cooler with samples on 6/11/2019 @ 19:10 PM (designated as SDG-#480-154729). The temperature of the cooler(s) at receipt ranged from 2.7–4.7°C. The samples arrived in good condition, properly preserved, and where necessary under ice. Holding times and preservation requirements were met with the following exception:

- E/TA noted that Sample #-4 (DUP-061019-2) was beyond the holding time from Hexavalent Chromium; however, a review of the COC and the field notes revealed that the source sample (#-3) was within hold-time. Therefore, RemVēr concluded E/TA erred in their qualification and did not flag this sample/analysis with a hold-time qualifier.

Sample Preparation

Sample preparation for organic and inorganic analyses were within acceptable parameters.

Detection Limits

Analytical detection limits (DLs) were acceptable for all analytes causing no QA issues other than those noted below:

- If an analyte was below the method detection limit (MDL), then a “U” flag was set to indicate non-detection (undetected).
- If an analyte was above the method detection limit (MDL) but below the reporting limit (RL), then then a “UJ” flag was set to indicate a qualified non-detection.
- Method(s) 8260C: The results for the following samples received a “D” flag to indicate sample dilution.
 - The lab diluted Samples #-1 and #-8 due to foaming during purging of the original sample, resulting in elevated RLs.
 - The lab diluted Sample #-2 to bring target analyte concentrations within calibration range, resulting in elevated reporting limits (RLs).
- Method(s) 608.3 PCBs: The results for the following samples received a “D” flag to indicate sample dilution.
 - The lab diluted Sample #-6 due to matrix effects, resulting in elevated reporting limits (RLs) for the reported results.
- Method(s) 608.3 Pesticides: The results for the following samples received a “D” flag to indicate sample dilution.
 - The lab diluted Sample #-9 due to matrix effects, resulting in elevated reporting limits (RLs) for the reported results. The dilution also impacted surrogate recoveries, see below.

Calibration Standards and Continuing Calibration Verification (CCV)

Calibration standards (external or internal) were acceptable for all analytes. CCVs were acceptable in the SDG for all methods and analytes, except for the following:

- Method 8260:
 - Batch 477323 had CCV recovery outside acceptance criteria (below the lower control limit [$<LCL$]) with low biased for Cyclohexane and Methylcyclohexane. Analysis of a RL standard indicated acceptable target analyte detection; however, the associated Samples #-1, 2, 5, 9, and 11 were non-detect for these analytes. RemVēr flagged the results as UJ-.
 - Batch 477516 had CCV recovery outside acceptance criteria (below the lower control limit [$<LCL$]) with low biased for 2-Butanone (MEK). Analysis of a RL standard indicated acceptable target analyte detection; however, the associated Samples #-3 and #-7 were non-detect for this analyte. RemVēr flagged the results as UJ-.
 - Batch 477537 had CCV recovery outside acceptance criteria (below the lower control limit [$<LCL$]) with low biased for 2-Butanone (MEK). Analysis of a RL standard indicated acceptable target analyte detection, and the associated Samples #-6, #-8, and #-10 had detections of this analyte. RemVēr flagged the results as J-.
 - Batch 477537 had CCV recovery outside acceptance criteria (below the lower control limit [$<LCL$]) with low biased for Cyclohexane. Analysis of a RL standard indicated acceptable target analyte detection; however, the associated Samples #-6, #-8, and #-10 were non-detect for this analyte. RemVēr flagged the results as UJ-.
 - Batch 477714 had CCV recovery outside acceptance criteria (below the lower control limit [$<LCL$]) with low biased for 2-Butanone (MEK) and 2-Hexanone. Analysis of a RL

standard indicated acceptable target analyte detection; however, the associated Sample #-4 was non-detect for these analytes. RemVēr flagged the results as UJ-.

- Method 8270: Batch 477685 had CCV recovery outside acceptance criteria (<LCL with low bias) for Pentachlorophenol. Analysis of a RL standard indicated acceptable target analyte detection; however, the associated Samples #-1 – #-10 were non-detect for this analyte. RemVēr flagged the results as UJ-.

Blank Evaluation

SDG #480-154729 had Method Blanks (MBs) for each method. The MBs were acceptable (no detectable analytes).

Laboratory Control Samples (LCS)

The various method LCS' (LCS & LCS duplicates [LCSD]) were within the acceptable control ranges and relative percent differences (RPDs) for their particular analyses in SDG 480-154729, with the following exception:

- Method 608.3 Pesticides—
 - Batch 477362/477550 LCSD spike recoveries were beyond control limits for Endosulfan sulfate (>UCL with high bias) impacting Samples #-1, 2, 3, and 6, but the analyte was non-detect. RemVēr flagged the analyte UJ+.
 - Batch 477362/477546 LCSD spike recoveries were beyond control limits for Endosulfan sulfate (>UCL with high bias) impacting Samples #-4, 5, 7, 8, 9, and 10, but the analyte was non-detect. RemVēr flagged the analyte UJ+.

Surrogates and Isotope Dilution

Surrogates added to a sample allow testing of preparatory and instrument behavior resulting in recoveries within appropriate method ranges for the analytes. Surrogates behaved in this SDG within acceptable performance criteria, with the following exceptions:

- Method(s) 608.3 Pesticides—while the DCB surrogate performed acceptably, the TCX surrogate failed for Sample #-9. RemVēr flagged all analytes as UJ or J for this sample.

Isotope Dilution Analysis (IDA) performed acceptably without exception.

Site-Specific Matrix Spikes and Matrix Spike Duplicates

The matrix spike/matrix spike duplicate (MS/MSD) runs for all analyses met the QA criteria in SDG 480-154729 with the following exceptions:

- Method 8260—Batch 477537) had spike recoveries were beyond control limits for 111-TCA, Dibromochloromethane, and Tetrachloroethene [PCE] (>UCL with high bias). RemVēr flagged all samples as UJ+ or J+ for these analytes.
- Method(s) 6010C: Batch 478452 MS/MSD runs were beyond control limits for Antimony, Iron, and Sodium (>UCL with high bias) and for Barium (<LCL with low bias). (The Barium post digestion spike (480-154729-I-3-A PDS) was outside quality control limits). RemVēr flagged these analytes as UJ+/J+ or UJ-/J-, as appropriate, in all samples.

Analysis Exceptions

SDG #480-154729 included analysis of PCBs. Most samples had no detections. Sample #-10 had a detection of Aroclor 1254; however, E/TA qualified (p) the detection due a large disagreement (RPD >40%) between the primary and secondary columns. Therefore, RemVër flagged this result as J. Note that Sample #-10 was a replicate of Sample #-6, and the original sample had no detection of PCBs (confirmed by a review of the chromatograms).

Duplicates

The analytical Method Duplicates met their RPD performance criteria. GES submitted two field replicate samples:

- #-4 (DUP-061019-2) was a replicate of Sample #-3 (MW-6)
- #-10 (DUP-061019-3) was a replicate of Sample #-6 (RFI-29)

Most analytes in both replicate sets met the RPD performance criteria of <20%. Those that did not follow below. RemVër flagged these results as UJ or J, as appropriate for each set of samples.

- Set #-3 / #-4—
 - VOCs: Cyclohexane & Methylcyclohexane
 - SVOCs: Di-n-butyl phthalate
 - Pesticides: delta-BHC
 - Inorganics: Barium, Iron, & Manganese
- Set #-6 / #-10—only inorganics: Barium, Iron, Manganese, & Sodium

Tentatively Identified Compounds (TICs)

This SDG included analysis of TICs, with none reported.

Sample Result and Usability Evaluation

Due to sampling issues or laboratory performance, RemVër qualified certain results; however, the data are usable. No data received an R (rejected) flag.

DQA Detail Worksheet for SDG #480-154729

BLANKS	>RL?	Compounds	Notes
VOC (8260)	No	All	No Comment
SVOC (8270)	No	All	No Comment
8270-SIM	No	1,4-Dioxane	No Comment
Pesticides (608.3)	No	All	No Comment
PCBs (608.3)	No	All	No Comment
Metals (6010)	No	All	No Comment
Mercury (7470)	No	Mercury	No Comment
Hex Chrome (7196)	No	Hexavalent Chromium	No Comment

LCS	SV <10%	Low Bias > 10% & < LCL	High Bias >UCL	Compound(s)	Notes
VOC (8260)	—	—	—	All	No Comment
SVOC (8270)	—	—	—	All	No Comment
8270-SIM	—	—	—	1,4-Dioxane	No Comment
Pesticides (608.3)	—	—	—	All Others	No Comment
#1 – #10	—	—	X	Endosulfan Sulfate	Flag UJ+
PCBs (608.3)	—	—	—	All	No Comment
Metals (6010)	—	—	—	All	No Comment
Mercury (7470)	—	—	—	Mercury	No Comment
Hex Chrome	—	—	—	Hexavalent Chromium	No Comment

SURROGATES & IDA	SV <10%	> 10% & < LCL	>UCL	Compound(s)	Notes
VOC (8260)	—	—	—	All	No Comment
SVOC (8270)	—	—	—	All	No Comment
8270-SIM	—	—	—	1,4-Dioxane	No Comment
Pesticides (608.3)	X	—	—	TCX	#-9 Flag UJ / J
PCBs (608.3)	—	—	—	All	No Comment
Metals (6010)	—	—	—	All	No Comment
Mercury (7470)	—	—	—	Mercury	No Comment
Hex Chrome	—	—	—	Hex. Chromium	No Comment

MS/MSDs	SV <10%	Low Bias > 10% & < LCL	High Bias >UCL	QC Source	RPDs	Notes
VOC (8260)	—	—	—	Batch	—	
111-TCA, Dibromo- chloromethane, & PCE	—	—	X	Batch	—	Flag UJ+ or J+
SVOC (8270)	—	—	—	Batch	—	No Comment
8270-SIM	—	—	—	Batch	—	No Comment
Pesticides (608.3)	—	—	—	Batch	—	No Comment
PCBs (608.3)	—	—	—	Batch	—	No Comment
Metals (6010)	—	—	—	Batch	—	No Comment
Sn, Fe, & Na	—	—	X	Batch	—	Flag UJ+ or J+
Ba	—	X	—	Batch	—	Flag UJ- or J-
Mercury (7470)	—	—	—	Batch	—	No Comment
Hex Chrome	—	—	—	Batch	—	No Comment

FIELD DUPLICATES RPDs	QC Source	Soil RPD > 50%	Water RPD > 20%	Compounds	Notes
#-04	#-03	N/A	X	Cyclohexane, Methylcyclohexane, Di-n-butyl phthalate, delta-BHC, Barium, Iron, & Manganese	Flag UJ/J
#-10	#-06	N/A	X	Barium, Iron, Manganese, & Sodium	Flag UJ/J
		N/A	—		

LAB DUPLICATES					
All Methods	Batch	N/A	—	As listed	No Comment

Reasonable Confidence Achieved ☐ Y ☐ N—Not Applicable
 Significant QC Variances Noted ☒ Y ☐ N
 Requested Reporting Limits Achieved ☒ Y ☐ N
 Preservation Requirements Met ☒ Y ☐ N
 Holding Time Requirements Met ☒ Y ☐ N

Abbreviations:

RL = Reporting Limit LCS = Laboratory Control Sample SV = Significant QC Variance
 RPD = Relative Percent Difference LCL= RCP Lower Control Limit UCL= RCP Upper Control Limit
 VOCs = Volatile Organic Compounds SVOCs = Semi-volatile Organic Compounds Pest = Pesticides
 EPH = Extractable Petroleum Hydrocarbons VPH = Volatile Petroleum Hydrocarbons ETPH = EPH-Total
 PCBs = Polychlorinated Biphenyls N/A = Not Applicable N/C = Not Collected -- = nothing to report

Notes: * Typical lab contaminants, not site-related

DQA Non-Conformance Summary Worksheet for SDG #480-154729

Only Flagged Results Shown Below

Sample Number(s)	Compound(s)	QC Non-Conformance	% Recovery	% RPD †	High or Low Bias ‡	Comments
All	Any	Analyte Not Detected				Flag U
	Any	MDL>result<RDL	Analyte Below Reporting Limit			Validator Flag UJ Interpreted Flag U
	Endosulfan Sulfate	LCS/LCSD	>UCL	—	High	Flag UJ+
	111-TCA, Dibromochloromethane, & PCE	MS/MSD	>UCL	—	High	Flag UJ+ / J+
	Antimony, Iron & Sodium	MS/MSD	>UCL	—	High	Flag UJ+ / J+
	Barium	MS/MSD	<LCL	—	Low	Flag UJ- or J-
	Pentachlorophenol	CCV	<LCL	—	Low	Flag UJ-
#-1, 2, & 8	VOCs	Calibration (Dilu.)	—	—	—	Flag D
#-6	PCBs					
#-9	Pesticides					
#-1, 2, 5, 9, & 11	Cyclohexane & Methylcyclohexane	CCV	<LCL	—	Low	Flag UJ-
#-6, #8, & #10	Cyclohexane					
#-3 & #7	2-Butanone (MEK)					
#-6, #8, & #10	2-Butanone (MEK)	CCV	<LCL	—	Low	Flag J-
#-4	2-Butanone (MEK) & 2-Hexanone	CCV	<LCL	—	Low	Flag UJ-
#-9	All Pesticides	Surrogates	SV<10%	—	Low	Flag UJ- / J-
#-10	Aroclor 1254	Column Agreement	—	>40%	—	Flag J (P)
#-3 & #4	Cyclohexane & Methylcyclohexane	Duplicate Field Precision	>UCL	—	—	Flag UJ or J
	Di-n-butyl phthalate					
	delta-BHC					
	Barium, Iron, & Manganese					
#-6 & #10	Barium, Iron, Manganese, & Sodium					

Notes: † RPD—Relative Percent Difference

‡ Bias High—Reported result may be lower, Reporting Limit (RL) is acceptable as reported. Bias Low—Reported results may be higher, RL may be higher than reported.

Attachment 6. Data Usability Sub-Report for SDG #480-154785

Detailed Quality Review

Field Notes Review

	Y	N	NA	COMMENTS
Sampling notes	☒	☐	☐	
Field meteorological data	☐	☐	☒	No review required under QAPP
Associated sampling location and plan included	☐	☒	☐	See RAP/QAPP
Associated drilling logs available, reviewed	☐	☐	☒	No review required under QAPP
Identification of QC samples in notes	☒	☐	☐	Sample IDs
Sampling instrument decontamination records	☐	☐	☒	No review required under QAPP
Sampling instrument calibration logs	☐	☐	☒	No review required under QAPP
Chain of custody included	☒	☐	☐	With analytical report
Notes include communication logs	☐	☒	☐	
Any corrective action (CA) reports	☐	☒	☐	If so, CA documentation of results required.
Any deviation from methods noted? If so, explain	☐	☒	☐	None
Any electronic data deliverables	☐	☒	☐	None
Sampling Report (by Field Team Leader)	☒	☐	☐	Field Notes

Lab Report Contents (Test America SDG Reports: #480-154785)

☒ SDG Narrative	☒ Spike recoveries
☒ Contract Lab Sample Information Sheets	☒ Duplicate results
☒ Data Package Summary Forms	☒ Confirmation (lab check/QC) samples
☒ Chain-of-Custody (COC) Forms	☒ Internal standard area & retention time summary
☒ Test Results (no tentatively identified compounds [TICs])	☒ Chromatograms
☒ Calibration standards	☒ Raw data files
☒ Surrogate recoveries	☒ Other specific information
☒ Blank results	

Is the data package complete as defined under the requirements for the NYSDEC ASP Category B?		
Laboratory Report	Complete (Y/N)	Comments
480-154785	Y	No

Sample Preservation Requirements & Holding Times Met?			
Laboratory Report	Hold Times (Y/N)	Preservation (Y/N)	Exception Comment
480-154785	Y	Y	None

Do the QC data fall within the protocol required limits and specifications?									
(1) blanks, (2) instrument tunings, (3) calibration standards, (4) calibration verifications, (5) surrogate recoveries/ISD, (6) spike recoveries, (7) replicate analyses, (8) laboratory controls, (9) and sample data									
SDG	1	2	3	4	5	6	7	8	9
480-154785	☐	☐	☐	☒	☐	☐	☐	☐	☒
The narrative section, below, discusses these deficiencies in detail, see Attachment 1 as well.									

Were data generated using established and agreed upon analytical protocols?		
Laboratory Report	Protocols (Y/N)	Exception Comment
480-154785	Y	No

Do the raw data confirm the results provided in the data summary sheets and quality control verification forms?		
Laboratory Report	Confirmation (Y/N)	Exception Comment
480-154785	Y	No

Were correct data qualifiers and are they consistent with the most current guidance?		
Laboratory Report	Qualifiers (Y/N)	Comment
480-154785	Y	The laboratory generally applied appropriate qualifiers.

Any quality control (QC) exceedances specifically noted in this DUSR and the corresponding QC summary sheets from the data packages referenced?		
Laboratory Report	QC Exceedances Documented (Y/N)	Comment
480-154785	Y	Data qualifications were applied as described below

Data Quality and Usability Narrative

Field Notes Inspection

The groundwater samples came from a collection event June 11, 2019. RemVēr reviewed the field notes as part of this DUSR.

Laboratory Report Inspection

E/TA produced an SDG report #480-154785 (dated 26-Jun-19). The SDG report had the required data and information.

Chain of Custody (COC) Evaluation

NYSDEC/GES produced a COC for the referenced fieldwork (GES Project PSID#784171): SDG: #480-154785—single, two-page COC; laboratory noted issues at the time of acceptance:

- E/TA only VOA vials for Sample #-2 (WT-1B). The lab did not perform VOC analysis on this sample despite the request on the COC; there was no explanation in the report.
- COC listed Sample RFI-23 but the sample bottle labels listed Sample RFI-19; however, dates and times on both COC and container labels matched. Therefore, E/TA logged the sample identity as RFI-23, giving it Sample #-9, and sample identity RFI-19 became Sample #-6.

Sample Preservation & Holding Time Evaluation

Laboratory received a cooler with samples on 6/11/2019 @ 16:20 PM (designated as SDG #480-154785). The temperature of the cooler(s) at receipt ranged from 3.3–5.0°C. The samples arrived in good condition, properly preserved, and where necessary under ice. Holding times and preservation requirements were met.

Sample Preparation

Sample preparation for organic and inorganic analyses were within acceptable parameters with the one exception. Method 3510C—during pH adjustment, Sample #-3 required a drop of acid to achieve the desired pH, whereas most samples take less than a drop. No qualifier was necessary.

Detection Limits

Analytical detection limits (DLs) were acceptable for all analytes causing no QA issues other than those noted below:

- If an analyte was below the method detection limit (MDL), then a “U” flag was set to indicate non-detection (undetected).
- If an analyte was above the MDL but below the reporting limit (RL), then a “UJ” flag was set to indicate a qualified non-detection.
- Method(s) 8260C: The results for the following samples received a “D” flag to indicate sample dilution. The lab diluted Sample #-10 to bring target analyte concentrations within calibration range, resulting in elevated reporting limits (RLs).

Calibration Standards and Continuing Calibration Verification (CCV)

Calibration standards (external or internal) were acceptable for all analytes. CCVs also were acceptable for all methods and analytes.

- Method 8260:
 - Batch 477721 had CCV recovery outside acceptance criteria (below the lower control limit [$<LCL$]) with low biased for 2-Butanone (MEK). Analysis of a RL standard indicated acceptable target analyte detection, and the associated Samples #-1 and #-3 – #-10 were non-detect for this analyte. RemVēr flagged the results as UJ-.
- Method 8270:
 - Batch 478836 had CCV recovery outside acceptance criteria ($>UCL$ high bias) for 4-Nitrophenol. Analysis of a RL standard indicated acceptable target analyte detection; however, all samples were non-detect for these analytes. RemVēr flagged the results as UJ+.
 - Batch 478836 had CCV recovery outside acceptance criteria (below the lower control limit [$<LCL$]) with low biased for 4-Chloroaniline and Carbazole. Analysis of a RL standard indicated acceptable target analyte detection; however, all samples were non-detect for these analytes. RemVēr flagged the results as UJ-.

Blank Evaluation

SDG #480-154785 had Method Blanks (MBs) for each method. The MBs were acceptable (no detectable analytes). If an MB result was greater than or equal to the MDL but less than the RL ($MDL > [X], RDL$), then the concentration was an approximate value and labelled as “UJ.”

Laboratory Control Samples (LCS)

The various method LCS' (LCS & LCS duplicates [LCSD]) were within the acceptable control ranges and relative percent differences (RPDs) for their particular analyses in SDG #480-154785.

Surrogates and Isotope Dilution

Surrogates added to a sample allow testing of preparatory and instrument behavior resulting in recoveries within appropriate method ranges for the analytes. Surrogates behaved in this SDG within acceptable performance criteria. The analyses did not use Isotope Dilution Analyte (IDA).

Site-Specific Matrix Spikes and Matrix Spike Duplicates

SDG #480-154785 had matrix spike/matrix spike duplicate (MS/MSD) runs that performed within acceptable criteria. Method 6010 did have analytes Calcium, Magnesium, and Manganese present in the original samples at 4-times greater than the matrix spike concentration; therefore, control limits are not applicable. Regardless, no qualifier flag was set. Moreover, the Method 6010 post spike recovery (480-154785-G-1-A PDS, Batch 477503) was outside quality control limits for Total Manganese and Sodium. Regardless, the serial dilution, LCS and MS/MSD were compliant; therefore, no corrective action was necessary, and no qualifier flag set.

Duplicates

The analytical Method Duplicates met their RPD performance criteria. GES submitted no field replicate samples for analysis in this SDG.

Tentatively Identified Compounds (TICs)

This SDG included analysis of TICs; only Sample #-3 had a single TIC detections, the others had none. RemVēr qualified the result as N (designating a TIC) and J (to indicate an estimated concentration).

Sample Result and Usability Evaluation

Due to sample issues or laboratory performance, certain results were qualified; however, the data are usable. No data received an R (rejected) flag.

DQA Detail Worksheet for SDG #480-154785

BLANKS	>RL?	Compounds	Notes
VOC (8260)	No	All	No Comment
Metals (6010)	No	All	No Comment
Mercury (7470)	No	Mercury	No Comment

LCS	SV <10%	Low Bias > 10% & < LCL	High Bias >UCL	Compound(s)	Notes
VOC (8260)	—	—	—	None	Flag UJ+ or J+
All	—	—	X	1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-Chloropropane, Bromoform & trans-1,3- Dichloropropene	Flag UJ+ or J+
Metals (6010)	—	—	—	None	No Comment
Mercury (7470)	—	—	—	Cyanide	No Comment

SURROGATES	SV <10%	> 10% & < LCL	>UCL	Compound(s)	Notes
VOC (8260)	—	—	—	—	No Comment
Metals (6010)	—	—	—	—	No Comment
Mercury (7470)	—	—	—	—	No Comment

MS/MSDs	SV <10%	Low Bias > 10% & < LCL	High Bias >UCL	QC Source	RPDs	Notes
VOC (8260)	—	—	—	None	—	No Comment
Metals (6010)	—	—	—	None	—	No Comment
Mercury (7470)	—	—	—	None	—	No Comment

FIELD DUPLICATES RPDs	QC Source	Soil RPD > 50%	Water RPD > 20%	Compounds	Notes
None	None	N/A	—	—	—
		N/A	—	—	

LAB DUPLICATES					
All Methods	Batch	N/A	—	As listed	—

Reasonable Confidence Achieved ☐ Y ☐ N—Not Applicable
 Significant QC Variances Noted ☒ Y ☐ N
 Requested Reporting Limits Achieved ☒ Y ☐ N
 Preservation Requirements Met ☒ Y ☐ N
 Holding Time Requirements Met ☒ Y ☐ N

Abbreviations:

RL = Reporting Limit LCS = Laboratory Control Sample SV = Significant QC Variance
 RPD = Relative Percent Difference LCL= RCP Lower Control Limit UCL= RCP Upper Control Limit
 VOCs = Volatile Organic Compounds SVOCs = Semi-volatile Organic Compounds Pest = Pesticides
 EPH = Extractable Petroleum Hydrocarbons VPH = Volatile Petroleum Hydrocarbons ETPH = EPH-Total
 PCBs = Polychlorinated Biphenyls N/A = Not Applicable N/C = Not Collected -- = nothing to report

Notes: * Typical lab contaminants, not site-related

DQA Non-Conformance Summary Worksheet for SDG #480-154785

Only Flagged Results Shown Below

Sample Number(s)	Compound(s)	QC Non-Conformance	% Recovery	% RPD †	High or Low Bias ‡	Comments
ALL	Any	Analyte is Not Detected				Flag U
	Any	MDL>result<RDL	—	—	—	Validator Flag UJ Interpreted Flag U
			>UCL	—	—	Flag UJ+ or J+
#-10	All VOCs	Calibration (Dilu.)	—			Flag D
#-1 & #3 – #-10	2-Butanone (MEK)	CCV	<LCL	—	Low	Flag UJ-
#-1 – #-10	4-Nitrophenol	CCV	>UCL	—	—	Flag UJ+
#-1 – #-10	4-Chloroaniline & Carbazole	CCV	<LCL	—	Low	Flag UJ-
#-3	Tetrahydrofuran	TIC	—			Flag N & J

Notes: † RPD—Relative Percent Difference

‡ Bias High—Reported result may be lower, Reporting Limit (RL) is acceptable as reported. Bias Low—Reported results may be higher, RL may be higher than reported.

Attachment 7. Data Usability Sub-Report for SDG #480-155113

Detailed Quality Review

Field Notes Review

	Y	N	NA	COMMENTS
Sampling notes	☒	☐	☐	
Field meteorological data	☐	☐	☒	No review required under QAPP
Associated sampling location and plan included	☐	☒	☐	See RAP/QAPP
Associated drilling logs available, reviewed	☐	☐	☒	No review required under QAPP
Identification of QC samples in notes	☒	☐	☐	Sample IDs
Sampling instrument decontamination records	☐	☐	☒	No review required under QAPP
Sampling instrument calibration logs	☐	☐	☒	No review required under QAPP
Chain of custody included	☒	☐	☐	With analytical report
Notes include communication logs	☐	☒	☐	
Any corrective action (CA) reports	☐	☒	☐	If so, CA documentation of results required.
Any deviation from methods noted? If so, explain	☐	☒	☐	None
Any electronic data deliverables	☐	☒	☐	None
Sampling Report (by Field Team Leader)	☒	☐	☐	Field Notes

Lab Report Contents (Test America SDG Reports: #480-155113)

☒ SDG Narrative	☒ Spike recoveries
☒ Contract Lab Sample Information Sheets	☒ Duplicate results
☒ Data Package Summary Forms	☒ Confirmation (lab check/QC) samples
☒ Chain-of-Custody (COC) Forms	☒ Internal standard area & retention time summary
☒ Test Results (no tentatively identified compounds [TICs])	☒ Chromatograms
☒ Calibration standards	☒ Raw data files
☒ Surrogate recoveries	☒ Other specific information
☒ Blank results	

Is the data package complete as defined under the requirements for the NYSDEC ASP Category B?		
Laboratory Report	Complete (Y/N)	Comments
480-155113	Y	No

Sample Preservation Requirements & Holding Times Met?			
Laboratory Report	Hold Times (Y/N)	Preservation (Y/N)	Exception Comment
480-155113	Y	Y	None

Do the QC data fall within the protocol required limits and specifications?									
(1) blanks, (2) instrument tunings, (3) calibration standards, (4) calibration verifications, (5) surrogate recoveries/ISD, (6) spike recoveries, (7) replicate analyses, (8) laboratory controls, (9) and sample data									
SDG	1	2	3	4	5	6	7	8	9
480-155113	☐	☐	☒	☒	☒	☒	☐	☒	☒
The narrative section, below, discusses these deficiencies in detail, see Attachment 1 as well.									

Were the data generated using established and agreed upon analytical protocols?		
Laboratory Report	Protocols (Y/N)	Exception Comment
480-155113	Y	No

Do the raw data confirm the results provided in the data summary sheets and quality control verification forms?		
Laboratory Report	Confirmation (Y/N)	Exception Comment
480-155113	Y	No

Were the correct data qualifiers used and consistent with the most current guidance?		
Laboratory Report	Qualifiers (Y/N)	Comment
480-155113	Y	The laboratory generally applied appropriate qualifiers.

Have any quality control (QC) exceedances been specifically noted in this DUSR and the corresponding QC summary sheets from the data packages referenced?		
Laboratory Report	QC Exceedances Documented (Y/N)	Comment
480-155113	Y	Data qualifications were applied as described below

Data Quality and Usability Narrative

Field Notes Inspection

The groundwater samples came from a collection event on May 30, 2019. RemVēr reviewed the field notes as part of this DUSR.

Laboratory Report Inspection

E/TA produced an SDG report #480-155113 (dated 30-Jul-19). The SDG report had the required data and information.

Chain of Custody (COC) Evaluation

NYSDEC/GES produced a COC for the referenced fieldwork (GES Project PSID#784171): SDG: #480-155113—single, six-page COC; laboratory noted issues at time of sample acceptance:

- GES indicated the sample ID for WP-4 on the COC; however, this was an error and contact the E/TA to change the identity to WP-5, which was Sample #480-155113-20 (or Sample #-20).

Sample Preservation & Holding Time Evaluation

Laboratory received a cooler with samples on 6/14/2019 @ 15:10 PM (designated as SDG-#480-155113). The temperature of the coolers at receipt ranged from 2.2–4.4°C. The samples arrived in good condition, properly preserved, and where necessary under ice. Holding times and preservation requirements were met.

Sample Preparation

Sample preparation for organic and inorganic analyses were within acceptable parameters with the following exception: *Method 3510C*—because of the matrix initial volume(s) used for Samples #-3, 12, and 19 deviated from the standard procedure requiring the proportionate adjustment of reporting limits (RLs). No specific qualification set.

Calibration Standards and Continuing Calibration Verification (CCV)

Calibration standards (external or internal) were acceptable for all methods and analytes, with the following exception:

RemVēr

- Method(s) 8270D—initial calibration curve for Batch 480003/480216 was outside method criteria for Benzaldehyde, which impacted Sample #-1. RemVēr flagged the results as UJ or J as appropriate.

CCVs were acceptable in the SDG for all methods and analytes, with the following exceptions:

- Method 8260—
 - Batch 478711 had CCV recovery above the control limit ($>$ upper limit or UCL) for 1,1,1-Trichloroethane and Carbon Tetrachloride in Samples #-1 through #-18, which were non-detect for the analytes. RemVēr flagged the results as UJ.
 - Batch 478711 had CCV recovery below the control limit ($<$ lower limit or LCL biased low) for 2-Butanone (MEK) in Sample #-1 through #-18, which were non-detect for the analyte. RemVēr flagged the results as UJ-.
- Method 8270—
 - Batch 479705 had CCV recovery $>$ UCL for 4-Nitrophenol in Samples #-2 through #-6 and #-8 through #-15, which were non-detect for the analyte. RemVēr flagged the results as UJ.
 - Batch 79803 had CCV recovery $>$ UCL for 4-Nitrophenol in Samples #-16 through #-22, which were non-detect for the analytes. RemVēr flagged the results as UJ.
 - Batch 479705 had CCV recovery $<$ LCL and biased low for 3-Nitroaniline and Carbazole in Samples #-2 through #-6 and #-8 through #-15, which were non-detect for the analyte. RemVēr flagged the results as UJ-.
 - Batch 479705 had CCV recovery $<$ LCL and biased low for 3-Nitroaniline and Carbazole in Samples #-16 through #-22, which were non-detect for the analytes. RemVēr flagged the results as UJ-.

Detection Limits

Analytical detection limits (DLs) were acceptable for all analytes causing no QA issues other than those noted below:

- If an analyte was below the method detection limit (MDL), then a “U” flag was set to indicate non-detection (undetected).
- If an analyte was above the MDL but below the reporting limit (RL), then then a “UJ” flag was set to indicate a qualified non-detection.
- Method(s) 8260C: The results for the following samples received a “D” flag to indicate sample dilution.
 - Sample #-17 [MS/MSD] required dilution due to foaming at the time of purging the original sample analysis, resulting in elevated reporting limits (RLs) for the reported results.
- Method 608.3 PCBs:
 - Sample #-16 required dilution due to the nature of the sample matrix, resulting in elevated RLs for the reported results.
- Method 537mod:
 - Sample #-23 required dilution due to the nature of the sample matrix, resulting in elevated reporting limits (RLs) for the reported results.

Blank Evaluation

SDG #480-155113 had Method Blanks (MBs) for each method and were acceptable (no detectable analytes). If an MB result was greater than or equal to the MDL but less than the RL (MDL>[X],RDL), then the concentration was an approximate value and labelled as "UJ."

Laboratory Control Samples (LCS)

The various method LCS' (LCS & LCS duplicates [LCSD]) were within the acceptable control ranges and relative percent differences (RPDs) for their particular analyses in SDG 480-155113, with the following exceptions:

- Method 8260—
 - Batch 478711 had LCS recovery was >UCL (biased high) for Bromodichloromethane but was undetected in Samples #-1 through #-18. RemVēr flagged these results as UJ+.
- Method 8270—
 - Batch 479705 had LCS recovery was >UCL (biased high) for 4-Nitrophenol and 2,4,6-Trichlorophenol but was undetected in Samples #-2 through #-6 and #-8 through #-15. RemVēr flagged these results as UJ+.
 - Batch 479803 had LCS recovery was >UCL (biased high) for 2,4,6-Trichlorophenol and 4-Nitrophenol but was undetected in Samples #-16 through #-22. RemVēr flagged these results as UJ+.
- Method 537 PFAS—
 - Batch 144742 had LCS/LCSD agreement beyond the RPD control limit for PFBS Sample #-23. RemVēr flagged the result as UJ.
- Method 608.3 Pesticides—
 - Batch 478947 had LCS recovery was >UCL (biased high) for Endosulfan Sulfate but was undetected in Sample #-19. RemVēr flagged the result as UJ+.

Surrogates and Isotope Dilution

Surrogates added to a sample allow testing of preparatory and instrument behavior resulting in recoveries within appropriate method ranges for the analytes. Surrogates behaved in this SDG within acceptable performance criteria, with the following exceptions:

- Method 8260—
 - Recovery of one (DCA) of four surrogates Sample #-12 was outside the upper control limit. RemVēr flagged detected VOC results as J.
- Method 8270—
 - Recovery of one (TBP) of six surrogates Sample #-18 was outside the upper control limit. RemVēr flagged detected SVOC results as J.
- Method 608.3 PCBs—
 - Sample #-12 had one of two DCBP surrogates fail (TCX performed well). RemVēr flagged detected PCB results as J.
 - Sample #-20 had one of two DCBP and one of two TCX surrogates fail. RemVēr flagged detected PCB results as J.

RemVēr

Isotope Dilution Analyte (IDA) recovery is like surrogate recovery and was generally acceptable with exceptions noted below. (Note that IDA quantitation typically precludes adverse effects on data quality due to elevated IDA recoveries.) The following exceptions impact Sample #-23:

- PFHxS and 8:2FTS had recoveries >UCL. RemVēr flagged detected results as J.
- PFHxA had recovery <LCL. RemVēr flagged detected results as J.

Site-Specific Matrix Spikes and Matrix Spike Duplicates

The matrix spike/matrix spike duplicate (MS/MSD) runs for all analyses met the QA criteria in SDG 480-155113 with the following exceptions:

- Method 8260—the MS/MSD runs (Batch 478711) had exceptions
 - The following compounds had poor precision between the MS and MSD resulting in a RPD beyond criteria: 1,1,2-Trichloroethane, 1,1,2-Trichloro-1,2,2-Trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, Acetone, Caron Disulfide, Methyl Acetate, Methyl tert-Butyl Ether, Methylene Chloride, and trans-1,2-Dichloroethene. RemVēr flagged all samples as UJ or J for these analytes.
 - The following compounds had spike recoveries beyond control limits (>UCL with high bias) for analytes: 1,1-Dichloroethene, Methyl tert-Butyl Ether, and trans-1,2-Dichloroethene. RemVēr flagged all samples as UJ+ or J+ for these analytes.
- Method 6010:
 - Analytes Calcium and Magnesium were present in the original sample at 4-times greater than the matrix spike concentration; therefore, control limits are not applicable. No qualifier flag set.
 - Post spike recovery (480-155113-G-1-A PDS, Batch 478987) was outside quality control limits for Total Calcium and Magnesium. Regardless, the serial dilution, LCS and MS/MSD were compliant; therefore, no corrective action was necessary, and no qualifier flag set.

Duplicates

The analytical Method Duplicates met their RPD performance criteria. GES submitted no field replicate samples for this SDG.

Tentatively Identified Compounds (TICs)

This SDG had no analysis of TICs.

Sample Result and Usability Evaluation

Due to certain sample issues or laboratory performance, some results were qualified; however, the data are usable. No data received an R (rejected) flag.

DQA Detail Worksheet for SDG #480-155113

BLANKS	>RL?	Compounds	Notes
VOC (8260)	No	None	No Comment
SVOC (8270)	No	None	No Comment
Pesticides (608.3)	No	None	No Comment
PCBs (608.3)	No	None	No Comment
PFAS (537mod)	No	None	No Comment
Metals (6010)	No	None	No Comment
Mercury (7470)	No	None	No Comment

LCS	SV <10%	Low Bias > 10% & < LCL	High Bias >UCL	Compound(s)	Notes
VOC (8260)	—	—	—	All Others	No Comment
#1–#18	—	—	X	Bromodichloromethane	Flag UJ+
SVOC (8270)	—	—	—	All Others	No Comment
#2–#6 & #8–#22	—	—	X	4-Nitrophenol and 2,4,6-Trichlorophenol	Flag UJ+
Pesticides (608.3) #19	—	—	X	Endosulfan Sulfate	Flag UJ+
PCBs (608.3)	—	—	—	All	No Comment
PFAS (537mod) #23	—	—	—	PFBS (>RPD)	Flag UJ
Metals (6010)	—	—	—	All	No Comment
Mercury (7470)	—	—	—	Mercury	No Comment

SURROGATES / IDA	SV <10%	> 10% & < LCL	>UCL	Compound(s)	Notes
VOC (8260)	—	—	X	DCA	Flag detects J #12
SVOC (8270)	—	—	X	TBP	Flag detects J #18
Pesticides (608.3)	—	—	—	—	—
PCBs (608.3)	—	—	X	DCBP	Flag detects J #12
	—	—	X	DCBP & TCX	Flag detects J #20
PFAS (537mod)	—	—	X	PFHxS & 8:2FTS	Flag detects J #23
	—	X	—	PFHxA	Flag detects J #23

DQA Detail Worksheet for SDG #480-155113 continued

MS/MSDs	SV <10%	Low Bias > 10% & < LCL	High Bias >UCL	QC Source	RPDs	Notes
VOC (8260)	—	—	—	#-17	—	No Comment
1,1,2-Trichloroethane, 1,1,2-Trichloro-1,2,2- Trifluoroethane, 1,1- Dichloroethane, 1,1- Dichloroethene, Acetone, Caron Disulfide, Methyl Acetate, Methyl tert-Butyl Ether, Methylene Chloride, & trans-1,2-Dichloroethene	—	—	—		X	Flag UJ or J
1,1-Dichloroethene, Methyl tert-Butyl Ether, & trans- 1,2-Dichloroethene	—	—	X		—	Flag UJ+ / J+
SVOC (8270)	—	—	—		—	No Comment
Pesticides (608.3)	—	—	—		—	No Comment
PCBs (608.3)	—	—	—		—	No Comment
PFAS (537mod)	—	—	—		—	No Comment
Metals (6010)	—	—	—		—	No Comment
Mercury (7470)	—	—	—		—	No Comment

FIELD DUPLICATES RPDs	QC Source	Soil RPD > 50%	Water RPD > 20%	Compounds	Notes
None	None	N/A	—	—	—
		N/A	—	—	
		N/A	N/A	—	

LAB DUPLICATES					
All Methods	Batch	N/A	—	As listed	No Comment

Reasonable Confidence Achieved ☐ Y ☐ N—Not Applicable
 Significant QC Variances Noted ☒ Y ☐ N
 Requested Reporting Limits Achieved ☒ Y ☐ N
 Preservation Requirements Met ☒ Y ☐ N
 Holding Time Requirements Met ☒ Y ☐ N

Abbreviations:

RL = Reporting Limit LCS = Laboratory Control Sample SV = Significant QC Variance
 RPD = Relative Percent Difference LCL= RCP Lower Control Limit UCL= RCP Upper Control Limit
 VOCs = Volatile Organic Compounds SVOCs = Semi-volatile Organic Compounds Pest = Pesticides
 EPH = Extractable Petroleum Hydrocarbons VPH = Volatile Petroleum Hydrocarbons ETPH = EPH-Total
 PCBs = Polychlorinated Biphenyls N/A = Not Applicable N/C = Not Collected -- = nothing to report

Notes: * Typical lab contaminants, not site-related

DQA Non-Conformance Summary Worksheet for SDG #480-155113

Only Flagged Results Shown Below

Sample Number(s)	Compound(s)	QC Non-Conformance	% Recovery	% RPD †	High or Low Bias ‡	Comments
ALL	All	If Non-detect				Flag U
	All	MDL>result<RDL	—	—	—	Validator Flag UJ Interpreted Flag U
#-1	Benzaldehyde	Calibration	—	—	—	Flag UJ or J
#-16	PCBs	Calibration (dilu.)	—	—	—	Flag D
#-17	VOCs					
#-23	PFAS					
#1 - #-18	1,1,1-Trichloroethane & Carbon Tetrachloride	CCV	>UCL	—	—	Flag UJ or J
	2-Butanone (MEK)	CCV	<LCL	—	—	Flag UJ- or J-
#-2 – 6 #8 – 22	4-Nitrophenol	CCV	>UCL	—	—	Flag UJ or J
	3-Nitroaniline & Carbazole	CCV	<LCL	—	—	Flag UJ- or J-
#1 - #-18	Bromodichloromethane	LCS/LCSD	>UCL	—	High	Flag UJ+ or J+
#-2 – 6 #8 – 22	4-Nitrophenol & 2,4,6-Trichlorophenol	LCS/LCSD	>UCL	—	High	Flag UJ+ or J+
#-23	PFBS	LCS/LCSD	—	X	—	Flag UJ/J
#-19	Endosulfan Sulfate	LCS/LCSD	>UCL	—	High	Flag UJ+ or J+
All	1,1,2-Trichloroethane, 1,1,2-Trichloro-1,2,2-Trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, Acetone, Caron Disulfide, Methyl Acetate, Methyl tert-Butyl Ether, Methylene Chloride, & trans-1,2-Dichloroethene	MS/MSD	—	X	—	Flag UJ or J
All	1,1-Dichloroethene, Methyl tert-Butyl Ether, & trans-1,2-Dichloroethene	MS/MSD	>UCL	—	High	Flag UJ+ or J+
#-12	VOCs	Surrogates	>UCL	—	—	Flag J if detect
#-18	SVOCs	Surrogates	>UCL	—	—	Flag J if detect
#-12 & #-20	PCBs	Surrogates	>UCL	—	—	Flag J if detect
#-23	PFHxS & 8:2FTS	IDA	>UCL	—	—	Flag J if detect
#-23	PFHxA	IDA	<LCL	—	—	Flag J if detect

Notes: † RPD—Relative Percent Difference

‡ Bias High—Reported result may be lower, Reporting Limit (RL) is acceptable as reported. Bias Low—Reported results may be higher, RL may be higher than reported.