

ANALYTICAL RESULTS SUMMARY

METALS

PROJECT NAME : R37106

TETRA TECH, EMI

240 Continental Drive, Suite 200

Newark, DE - 19713

Phone No: 302-738-7551

ORDER ID : Q3763

ATTENTION : Ava Heiss



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3763

Project ID : R37106

Client : Tetra Tech, EMI

Lab Sample Number

Q3763-01
Q3763-02
Q3763-03
Q3763-04
Q3763-05
Q3763-06
Q3763-07
Q3763-08
Q3763-09
Q3763-10
Q3763-11
Q3763-12
Q3763-13
Q3763-14

Client Sample Number

MC0KC9
MC0KD0
MC0KD1
MC0KD2
MC0KD7
MC0KE5
MC0KE6
MC0KE7
MC0KE8
MC0KE9
MC0KF1
MC0KF1MS
MC0KF1MSD
MC0KF3

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 11:12 am, Dec 12, 2025

Date: 12/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Tetra Tech, EMI

Project Name: R37106

Project Manager : Ava Heiss

Order ID # Q3763

Test Name: Metals ICP-TAL

A. Number of Samples and Date of Receipt:

14 Water samples were received on 12/03/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Metals ICP-TAL. This data package contains results for Metals ICP-TAL.

C. Analytical Techniques:

The analysis of Metals ICP-TAL was based on method 6010D and digestion based on method 3010 (waters).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate (MC0KF1MSD) analysis met criteria for all compounds except for Silver due to Chemical Interference during Digestion Process.

The Matrix Spike (MC0KF1MS) analysis met criteria for all compounds except for Silver due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (MC0KF1MSD) analysis met criteria for all compounds except for Silver due to Chemical Interference during Digestion Process.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is).

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

APPROVED

Signature_____

By Nimisha Pandya, QA/QC Supervisor at 11:12 am, Dec 12, 2025

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3763

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 12/11/2025

LAB CHRONICLE

OrderID:	Q3763	OrderDate:	12/3/2025 12:22:15 PM
Client:	Tetra Tech, EMI	Project:	R37106
Contact:	Ava Heiss	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3763-01	MC0KC9	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3763-02	MC0KD0	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3763-03	MC0KD1	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3763-04	MC0KD2	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3763-05	MC0KD7	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3763-06	MC0KE5	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3763-07	MC0KE6	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3763-08	MC0KE7	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3763-09	MC0KE8	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3763-10	MC0KE9	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3763-11	MC0KF1	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3763-14	MC0KF3	Water			11/25/25			12/03/25

LAB CHRONICLE

Metals ICP-TAL	6010D	12/04/25	12/09/25
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Hit Summary Sheet
SW-846

SDG No.: Q3763
Client: Tetra Tech, EMI

Order ID: Q3763
Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MC0KC9								
Q3763-01	MC0KC9	Water	Aluminum	19.0	J	5.67	50.0	ug/L
Q3763-01	MC0KC9	Water	Antimony	13.1	J	3.38	25.0	ug/L
Q3763-01	MC0KC9	Water	Barium	46.3	J	7.28	50.0	ug/L
Q3763-01	MC0KC9	Water	Cadmium	1.10	J	0.25	3.00	ug/L
Q3763-01	MC0KC9	Water	Calcium	83900		117	1000	ug/L
Q3763-01	MC0KC9	Water	Chromium	22.1		1.06	5.00	ug/L
Q3763-01	MC0KC9	Water	Iron	87.6		11.7	50.0	ug/L
Q3763-01	MC0KC9	Water	Lead	15.2		1.15	6.00	ug/L
Q3763-01	MC0KC9	Water	Magnesium	15400		122	1000	ug/L
Q3763-01	MC0KC9	Water	Manganese	64.3		2.97	10.0	ug/L
Q3763-01	MC0KC9	Water	Nickel	8.03	J	1.53	20.0	ug/L
Q3763-01	MC0KC9	Water	Potassium	2620		459	1000	ug/L
Q3763-01	MC0KC9	Water	Sodium	20100		434	1000	ug/L
Q3763-01	MC0KC9	Water	Thallium	2.88	J	2.19	20.0	ug/L
Q3763-01	MC0KC9	Water	Zinc	18.0	J	8.33	20.0	ug/L
Q3763-01	MC0KC9	Water	Hardness, Total	273000		795	6620	ug/L
Client ID : MC0KD0								
Q3763-02	MC0KD0	Water	Cadmium	2.56	J	0.25	3.00	ug/L
Q3763-02	MC0KD0	Water	Calcium	4590		117	1000	ug/L
Q3763-02	MC0KD0	Water	Chromium	1.60	J	1.06	5.00	ug/L
Q3763-02	MC0KD0	Water	Copper	2.73	J	2.30	10.0	ug/L
Q3763-02	MC0KD0	Water	Iron	18.0	J	11.7	50.0	ug/L
Q3763-02	MC0KD0	Water	Lead	19.0		1.15	6.00	ug/L
Q3763-02	MC0KD0	Water	Magnesium	341	J	122	1000	ug/L
Q3763-02	MC0KD0	Water	Zinc	568		8.33	20.0	ug/L
Q3763-02	MC0KD0	Water	Hardness, Total	12900		795	6620	ug/L
Client ID : MC0KD1								
Q3763-03	MC0KD1	Water	Aluminum	12.1	J	5.67	50.0	ug/L
Q3763-03	MC0KD1	Water	Barium	8.08	J	7.28	50.0	ug/L
Q3763-03	MC0KD1	Water	Cadmium	0.67	J	0.25	3.00	ug/L
Q3763-03	MC0KD1	Water	Calcium	8130		117	1000	ug/L
Q3763-03	MC0KD1	Water	Chromium	4.23	J	1.06	5.00	ug/L
Q3763-03	MC0KD1	Water	Copper	2.64	J	2.30	10.0	ug/L
Q3763-03	MC0KD1	Water	Iron	19.0	J	11.7	50.0	ug/L
Q3763-03	MC0KD1	Water	Lead	25.5		1.15	6.00	ug/L
Q3763-03	MC0KD1	Water	Magnesium	1760		122	1000	ug/L

Hit Summary Sheet SW-846

SDG No.: Q3763 **Order ID:** Q3763
Client: Tetra Tech, EMI **Project ID:** R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3763-03	MC0KD1	Water	Manganese	3.54	J	2.97	10.0	ug/L
Q3763-03	MC0KD1	Water	Nickel	2.06	J	1.53	20.0	ug/L
Q3763-03	MC0KD1	Water	Potassium	491	J	459	1000	ug/L
Q3763-03	MC0KD1	Water	Sodium	2400		434	1000	ug/L
Q3763-03	MC0KD1	Water	Zinc	38.5		8.33	20.0	ug/L
Q3763-03	MC0KD1	Water	Hardness, Total	27500		795	6620	ug/L

Client ID : MC0KD2

Q3763-04	MC0KD2	Water	Aluminum	9.86	J	5.67	50.0	ug/L
Q3763-04	MC0KD2	Water	Antimony	9.44	J	3.38	25.0	ug/L
Q3763-04	MC0KD2	Water	Barium	19.7	J	7.28	50.0	ug/L
Q3763-04	MC0KD2	Water	Cadmium	0.64	J	0.25	3.00	ug/L
Q3763-04	MC0KD2	Water	Calcium	13500		117	1000	ug/L
Q3763-04	MC0KD2	Water	Chromium	2.24	J	1.06	5.00	ug/L
Q3763-04	MC0KD2	Water	Copper	3.81	J	2.30	10.0	ug/L
Q3763-04	MC0KD2	Water	Iron	126		11.7	50.0	ug/L
Q3763-04	MC0KD2	Water	Lead	44.7		1.15	6.00	ug/L
Q3763-04	MC0KD2	Water	Magnesium	1500		122	1000	ug/L
Q3763-04	MC0KD2	Water	Manganese	18.4		2.97	10.0	ug/L
Q3763-04	MC0KD2	Water	Nickel	1.55	J	1.53	20.0	ug/L
Q3763-04	MC0KD2	Water	Potassium	1060		459	1000	ug/L
Q3763-04	MC0KD2	Water	Selenium	4.85	J	4.82	10.0	ug/L
Q3763-04	MC0KD2	Water	Zinc	19.9	J	8.33	20.0	ug/L
Q3763-04	MC0KD2	Water	Hardness, Total	39900		795	6620	ug/L

Client ID : MC0KD7

Q3763-05	MC0KD7	Water	Aluminum	13.0	J	5.67	50.0	ug/L
Q3763-05	MC0KD7	Water	Antimony	24.2	J	3.38	25.0	ug/L
Q3763-05	MC0KD7	Water	Barium	29.1	J	7.28	50.0	ug/L
Q3763-05	MC0KD7	Water	Cadmium	47.5		0.25	3.00	ug/L
Q3763-05	MC0KD7	Water	Calcium	36900		117	1000	ug/L
Q3763-05	MC0KD7	Water	Chromium	9.37		1.06	5.00	ug/L
Q3763-05	MC0KD7	Water	Copper	4.88	J	2.30	10.0	ug/L
Q3763-05	MC0KD7	Water	Iron	44.3	J	11.7	50.0	ug/L
Q3763-05	MC0KD7	Water	Lead	42.1		1.15	6.00	ug/L
Q3763-05	MC0KD7	Water	Magnesium	6810		122	1000	ug/L
Q3763-05	MC0KD7	Water	Manganese	47.2		2.97	10.0	ug/L
Q3763-05	MC0KD7	Water	Nickel	8.39	J	1.53	20.0	ug/L
Q3763-05	MC0KD7	Water	Potassium	1700		459	1000	ug/L
Q3763-05	MC0KD7	Water	Selenium	12.0		4.82	10.0	ug/L
Q3763-05	MC0KD7	Water	Sodium	6810		434	1000	ug/L

Hit Summary Sheet

SW-846

SDG No.: Q3763 Order ID: Q3763
Client: Tetra Tech, EMI Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3763-05	MC0KD7	Water	Thallium	4.01	J	2.19	20.0	ug/L
Q3763-05	MC0KD7	Water	Zinc	84.1		8.33	20.0	ug/L
Q3763-05	MC0KD7	Water	Hardness, Total	120000		795	6620	ug/L
Client ID : MC0KE5								
Q3763-06	MC0KE5	Water	Aluminum	11.2	J	5.67	50.0	ug/L
Q3763-06	MC0KE5	Water	Antimony	25.9		3.38	25.0	ug/L
Q3763-06	MC0KE5	Water	Barium	18.7	J	7.28	50.0	ug/L
Q3763-06	MC0KE5	Water	Cadmium	65.8		0.25	3.00	ug/L
Q3763-06	MC0KE5	Water	Calcium	27600		117	1000	ug/L
Q3763-06	MC0KE5	Water	Chromium	9.85		1.06	5.00	ug/L
Q3763-06	MC0KE5	Water	Copper	6.40	J	2.30	10.0	ug/L
Q3763-06	MC0KE5	Water	Iron	81.1		11.7	50.0	ug/L
Q3763-06	MC0KE5	Water	Lead	75.8		1.15	6.00	ug/L
Q3763-06	MC0KE5	Water	Magnesium	5270		122	1000	ug/L
Q3763-06	MC0KE5	Water	Manganese	24.4		2.97	10.0	ug/L
Q3763-06	MC0KE5	Water	Nickel	10.6	J	1.53	20.0	ug/L
Q3763-06	MC0KE5	Water	Potassium	1460		459	1000	ug/L
Q3763-06	MC0KE5	Water	Selenium	14.3		4.82	10.0	ug/L
Q3763-06	MC0KE5	Water	Sodium	4160		434	1000	ug/L
Q3763-06	MC0KE5	Water	Thallium	4.48	J	2.19	20.0	ug/L
Q3763-06	MC0KE5	Water	Zinc	108		8.33	20.0	ug/L
Q3763-06	MC0KE5	Water	Hardness, Total	90600		795	6620	ug/L
Client ID : MC0KE6								
Q3763-07	MC0KE6	Water	Aluminum	12.8	J	5.67	50.0	ug/L
Q3763-07	MC0KE6	Water	Antimony	7.44	J	3.38	25.0	ug/L
Q3763-07	MC0KE6	Water	Barium	18.0	J	7.28	50.0	ug/L
Q3763-07	MC0KE6	Water	Calcium	67300		117	1000	ug/L
Q3763-07	MC0KE6	Water	Chromium	18.2		1.06	5.00	ug/L
Q3763-07	MC0KE6	Water	Iron	72.4		11.7	50.0	ug/L
Q3763-07	MC0KE6	Water	Lead	3.79	J	1.15	6.00	ug/L
Q3763-07	MC0KE6	Water	Magnesium	13100		122	1000	ug/L
Q3763-07	MC0KE6	Water	Manganese	25.5		2.97	10.0	ug/L
Q3763-07	MC0KE6	Water	Nickel	8.25	J	1.53	20.0	ug/L
Q3763-07	MC0KE6	Water	Potassium	4980		459	1000	ug/L
Q3763-07	MC0KE6	Water	Sodium	12700		434	1000	ug/L
Q3763-07	MC0KE6	Water	Thallium	4.03	J	2.19	20.0	ug/L
Q3763-07	MC0KE6	Water	Zinc	12.0	J	8.33	20.0	ug/L
Q3763-07	MC0KE6	Water	Hardness, Total	222000		795	6620	ug/L

Hit Summary Sheet SW-846

SDG No.: Q3763 **Order ID:** Q3763
Client: Tetra Tech, EMI **Project ID:** R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MC0KE7								
Q3763-08	MC0KE7	Water	Aluminum	66.6		5.67	50.0	ug/L
Q3763-08	MC0KE7	Water	Antimony	4.48	J	3.38	25.0	ug/L
Q3763-08	MC0KE7	Water	Barium	52.6		7.28	50.0	ug/L
Q3763-08	MC0KE7	Water	Cadmium	41.9		0.25	3.00	ug/L
Q3763-08	MC0KE7	Water	Calcium	11500		117	1000	ug/L
Q3763-08	MC0KE7	Water	Chromium	3.82	J	1.06	5.00	ug/L
Q3763-08	MC0KE7	Water	Cobalt	1.20	J	1.13	15.0	ug/L
Q3763-08	MC0KE7	Water	Copper	50.8		2.30	10.0	ug/L
Q3763-08	MC0KE7	Water	Iron	29.2	J	11.7	50.0	ug/L
Q3763-08	MC0KE7	Water	Lead	6670		1.15	6.00	ug/L
Q3763-08	MC0KE7	Water	Magnesium	517	J	122	1000	ug/L
Q3763-08	MC0KE7	Water	Manganese	152		2.97	10.0	ug/L
Q3763-08	MC0KE7	Water	Nickel	27.5		1.53	20.0	ug/L
Q3763-08	MC0KE7	Water	Potassium	2380		459	1000	ug/L
Q3763-08	MC0KE7	Water	Sodium	1320		434	1000	ug/L
Q3763-08	MC0KE7	Water	Thallium	3.52	J	2.19	20.0	ug/L
Q3763-08	MC0KE7	Water	Zinc	251		8.33	20.0	ug/L
Q3763-08	MC0KE7	Water	Hardness, Total	30800		795	6620	ug/L
Client ID : MC0KE8								
Q3763-09	MC0KE8	Water	Antimony	7.47	J	3.38	25.0	ug/L
Q3763-09	MC0KE8	Water	Barium	15.6	J	7.28	50.0	ug/L
Q3763-09	MC0KE8	Water	Cadmium	312		0.25	3.00	ug/L
Q3763-09	MC0KE8	Water	Calcium	5530		117	1000	ug/L
Q3763-09	MC0KE8	Water	Chromium	4.11	J	1.06	5.00	ug/L
Q3763-09	MC0KE8	Water	Copper	19.8		2.30	10.0	ug/L
Q3763-09	MC0KE8	Water	Iron	136		11.7	50.0	ug/L
Q3763-09	MC0KE8	Water	Lead	684		1.15	6.00	ug/L
Q3763-09	MC0KE8	Water	Magnesium	1170		122	1000	ug/L
Q3763-09	MC0KE8	Water	Manganese	53.3		2.97	10.0	ug/L
Q3763-09	MC0KE8	Water	Nickel	22.3		1.53	20.0	ug/L
Q3763-09	MC0KE8	Water	Potassium	1480		459	1000	ug/L
Q3763-09	MC0KE8	Water	Selenium	6.47	J	4.82	10.0	ug/L
Q3763-09	MC0KE8	Water	Sodium	1160		434	1000	ug/L
Q3763-09	MC0KE8	Water	Thallium	3.05	J	2.19	20.0	ug/L
Q3763-09	MC0KE8	Water	Zinc	448		8.33	20.0	ug/L
Q3763-09	MC0KE8	Water	Hardness, Total	18600		795	6620	ug/L
Client ID : MC0KE9								
Q3763-10	MC0KE9	Water	Antimony	14.4	J	3.38	25.0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3763 **Order ID:** Q3763
Client: Tetra Tech, EMI **Project ID:** R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3763-10	MC0KE9	Water	Barium	13.5	J	7.28	50.0	ug/L
Q3763-10	MC0KE9	Water	Cadmium	24.4		0.25	3.00	ug/L
Q3763-10	MC0KE9	Water	Calcium	10700		117	1000	ug/L
Q3763-10	MC0KE9	Water	Chromium	2.66	J	1.06	5.00	ug/L
Q3763-10	MC0KE9	Water	Cobalt	2.22	J	1.13	15.0	ug/L
Q3763-10	MC0KE9	Water	Copper	2.91	J	2.30	10.0	ug/L
Q3763-10	MC0KE9	Water	Iron	12.8	J	11.7	50.0	ug/L
Q3763-10	MC0KE9	Water	Lead	19.6		1.15	6.00	ug/L
Q3763-10	MC0KE9	Water	Magnesium	1350		122	1000	ug/L
Q3763-10	MC0KE9	Water	Manganese	909		2.97	10.0	ug/L
Q3763-10	MC0KE9	Water	Nickel	4.20	J	1.53	20.0	ug/L
Q3763-10	MC0KE9	Water	Potassium	2670		459	1000	ug/L
Q3763-10	MC0KE9	Water	Sodium	3370		434	1000	ug/L
Q3763-10	MC0KE9	Water	Thallium	2.89	J	2.19	20.0	ug/L
Q3763-10	MC0KE9	Water	Zinc	189		8.33	20.0	ug/L
Q3763-10	MC0KE9	Water	Hardness, Total	32300		795	6620	ug/L
Client ID : MC0KF1								
Q3763-11	MC0KF1	Water	Aluminum	13.7	J	5.67	50.0	ug/L
Q3763-11	MC0KF1	Water	Antimony	16.9	J	3.38	25.0	ug/L
Q3763-11	MC0KF1	Water	Barium	18.9	J	7.28	50.0	ug/L
Q3763-11	MC0KF1	Water	Cadmium	8.63		0.25	3.00	ug/L
Q3763-11	MC0KF1	Water	Calcium	13100		117	1000	ug/L
Q3763-11	MC0KF1	Water	Chromium	11.5		1.06	5.00	ug/L
Q3763-11	MC0KF1	Water	Copper	4.03	J	2.30	10.0	ug/L
Q3763-11	MC0KF1	Water	Iron	101		11.7	50.0	ug/L
Q3763-11	MC0KF1	Water	Lead	90.0		1.15	6.00	ug/L
Q3763-11	MC0KF1	Water	Magnesium	5740		122	1000	ug/L
Q3763-11	MC0KF1	Water	Manganese	10.8		2.97	10.0	ug/L
Q3763-11	MC0KF1	Water	Nickel	9.02	J	1.53	20.0	ug/L
Q3763-11	MC0KF1	Water	Potassium	2340		459	1000	ug/L
Q3763-11	MC0KF1	Water	Sodium	1020		434	1000	ug/L
Q3763-11	MC0KF1	Water	Zinc	13.3	J	8.33	20.0	ug/L
Q3763-11	MC0KF1	Water	Hardness, Total	56300		795	6620	ug/L
Client ID : MC0KF3								
Q3763-14	MC0KF3	Water	Aluminum	56.0		5.67	50.0	ug/L
Q3763-14	MC0KF3	Water	Antimony	3.81	J	3.38	25.0	ug/L
Q3763-14	MC0KF3	Water	Barium	45.0	J	7.28	50.0	ug/L
Q3763-14	MC0KF3	Water	Cadmium	34.0		0.25	3.00	ug/L
Q3763-14	MC0KF3	Water	Calcium	9790		117	1000	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3763

Order ID: Q3763

Client: Tetra Tech, EMI

Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3763-14	MC0KF3	Water	Chromium	1.51	J	1.06	5.00	ug/L
Q3763-14	MC0KF3	Water	Copper	41.8		2.30	10.0	ug/L
Q3763-14	MC0KF3	Water	Iron	23.4	J	11.7	50.0	ug/L
Q3763-14	MC0KF3	Water	Lead	5400		1.15	6.00	ug/L
Q3763-14	MC0KF3	Water	Magnesium	460	J	122	1000	ug/L
Q3763-14	MC0KF3	Water	Manganese	124		2.97	10.0	ug/L
Q3763-14	MC0KF3	Water	Nickel	21.1		1.53	20.0	ug/L
Q3763-14	MC0KF3	Water	Potassium	1970		459	1000	ug/L
Q3763-14	MC0KF3	Water	Sodium	1100		434	1000	ug/L
Q3763-14	MC0KF3	Water	Thallium	2.96	J	2.19	20.0	ug/L
Q3763-14	MC0KF3	Water	Zinc	210		8.33	20.0	ug/L
Q3763-14	MC0KF3	Water	Hardness, Total	26300		795	6620	ug/L



SAMPLE DATA

A

B

C

D

E

F

G

H

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KC9
Lab Sample ID: Q3763-01
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3763
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	19.0	J	1	5.67	50.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-36-0	Antimony	13.1	J	1	3.38	25.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-39-3	Barium	46.3	J	1	7.28	50.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-43-9	Cadmium	1.10	J	1	0.25	3.00	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-70-2	Calcium	83900		1	117	1000	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-47-3	Chromium	22.1		1	1.06	5.00	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
Hardness	Hardness, Total	273000		1	795	6620	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7439-89-6	Iron	87.6		1	11.7	50.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7439-92-1	Lead	15.2		1	1.15	6.00	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7439-95-4	Magnesium	15400		1	122	1000	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7439-96-5	Manganese	64.3		1	2.97	10.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-02-0	Nickel	8.03	J	1	1.53	20.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-09-7	Potassium	2620		1	459	1000	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-23-5	Sodium	20100		1	434	1000	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-28-0	Thallium	2.88	J	1	2.19	20.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A
7440-66-6	Zinc	18.0	J	1	8.33	20.0	ug/L	12/04/25 10:35	12/09/25 16:37	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KD0
Lab Sample ID: Q3763-02
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3763
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5.67	U	1	5.67	50.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-39-3	Barium	7.28	U	1	7.28	50.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-43-9	Cadmium	2.56	J	1	0.25	3.00	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-70-2	Calcium	4590		1	117	1000	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-47-3	Chromium	1.60	J	1	1.06	5.00	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-50-8	Copper	2.73	J	1	2.30	10.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
Hardness	Hardness, Total	12900		1	795	6620	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7439-89-6	Iron	18.0	J	1	11.7	50.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7439-92-1	Lead	19.0		1	1.15	6.00	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7439-95-4	Magnesium	341	J	1	122	1000	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7439-96-5	Manganese	2.97	U	1	2.97	10.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-09-7	Potassium	459	U	1	459	1000	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-23-5	Sodium	434	U	1	434	1000	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A
7440-66-6	Zinc	568		1	8.33	20.0	ug/L	12/04/25 10:35	12/09/25 16:42	6010D	M3010A

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OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KD1
Lab Sample ID: Q3763-03
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3763
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12.1	J	1	5.67	50.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-39-3	Barium	8.08	J	1	7.28	50.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-43-9	Cadmium	0.67	J	1	0.25	3.00	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-70-2	Calcium	8130		1	117	1000	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-47-3	Chromium	4.23	J	1	1.06	5.00	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-50-8	Copper	2.64	J	1	2.30	10.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
Hardness	Hardness, Total	27500		1	795	6620	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7439-89-6	Iron	19.0	J	1	11.7	50.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7439-92-1	Lead	25.5		1	1.15	6.00	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7439-95-4	Magnesium	1760		1	122	1000	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7439-96-5	Manganese	3.54	J	1	2.97	10.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-02-0	Nickel	2.06	J	1	1.53	20.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-09-7	Potassium	491	J	1	459	1000	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-23-5	Sodium	2400		1	434	1000	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A
7440-66-6	Zinc	38.5		1	8.33	20.0	ug/L	12/04/25 10:35	12/09/25 16:46	6010D	M3010A

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N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KD2
Lab Sample ID: Q3763-04
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3763
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9.86	J	1	5.67	50.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-36-0	Antimony	9.44	J	1	3.38	25.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-39-3	Barium	19.7	J	1	7.28	50.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-43-9	Cadmium	0.64	J	1	0.25	3.00	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-70-2	Calcium	13500		1	117	1000	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-47-3	Chromium	2.24	J	1	1.06	5.00	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-50-8	Copper	3.81	J	1	2.30	10.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
Hardness	Hardness, Total	39900		1	795	6620	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7439-89-6	Iron	126		1	11.7	50.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7439-92-1	Lead	44.7		1	1.15	6.00	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7439-95-4	Magnesium	1500		1	122	1000	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7439-96-5	Manganese	18.4		1	2.97	10.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-02-0	Nickel	1.55	J	1	1.53	20.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-09-7	Potassium	1060		1	459	1000	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7782-49-2	Selenium	4.85	J	1	4.82	10.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-23-5	Sodium	434	U	1	434	1000	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A
7440-66-6	Zinc	19.9	J	1	8.33	20.0	ug/L	12/04/25 10:35	12/09/25 16:59	6010D	M3010A

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Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KD7
Lab Sample ID: Q3763-05
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3763
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13.0	J	1	5.67	50.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-36-0	Antimony	24.2	J	1	3.38	25.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-39-3	Barium	29.1	J	1	7.28	50.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-43-9	Cadmium	47.5		1	0.25	3.00	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-70-2	Calcium	36900		1	117	1000	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-47-3	Chromium	9.37		1	1.06	5.00	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-50-8	Copper	4.88	J	1	2.30	10.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
Hardness	Hardness, Total	120000		1	795	6620	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7439-89-6	Iron	44.3	J	1	11.7	50.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7439-92-1	Lead	42.1		1	1.15	6.00	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7439-95-4	Magnesium	6810		1	122	1000	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7439-96-5	Manganese	47.2		1	2.97	10.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-02-0	Nickel	8.39	J	1	1.53	20.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-09-7	Potassium	1700		1	459	1000	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7782-49-2	Selenium	12.0		1	4.82	10.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-23-5	Sodium	6810		1	434	1000	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-28-0	Thallium	4.01	J	1	2.19	20.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A
7440-66-6	Zinc	84.1		1	8.33	20.0	ug/L	12/04/25 10:35	12/09/25 17:03	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KE5
Lab Sample ID: Q3763-06
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3763
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11.2	J	1	5.67	50.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-36-0	Antimony	25.9		1	3.38	25.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-39-3	Barium	18.7	J	1	7.28	50.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-43-9	Cadmium	65.8		1	0.25	3.00	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-70-2	Calcium	27600		1	117	1000	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-47-3	Chromium	9.85		1	1.06	5.00	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-50-8	Copper	6.40	J	1	2.30	10.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
Hardness	Hardness, Total	190600		1	795	6620	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7439-89-6	Iron	81.1		1	11.7	50.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7439-92-1	Lead	75.8		1	1.15	6.00	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7439-95-4	Magnesium	5270		1	122	1000	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7439-96-5	Manganese	24.4		1	2.97	10.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-02-0	Nickel	10.6	J	1	1.53	20.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-09-7	Potassium	1460		1	459	1000	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7782-49-2	Selenium	14.3		1	4.82	10.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-23-5	Sodium	4160		1	434	1000	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-28-0	Thallium	4.48	J	1	2.19	20.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A
7440-66-6	Zinc	108		1	8.33	20.0	ug/L	12/04/25 10:35	12/09/25 17:07	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KE6
Lab Sample ID: Q3763-07
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3763
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12.8	J	1	5.67	50.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-36-0	Antimony	7.44	J	1	3.38	25.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-39-3	Barium	18.0	J	1	7.28	50.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-70-2	Calcium	67300		1	117	1000	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-47-3	Chromium	18.2		1	1.06	5.00	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
Hardness	Hardness, Total	222000		1	795	6620	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7439-89-6	Iron	72.4		1	11.7	50.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7439-92-1	Lead	3.79	J	1	1.15	6.00	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7439-95-4	Magnesium	13100		1	122	1000	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7439-96-5	Manganese	25.5		1	2.97	10.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-02-0	Nickel	8.25	J	1	1.53	20.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-09-7	Potassium	4980		1	459	1000	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-23-5	Sodium	12700		1	434	1000	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-28-0	Thallium	4.03	J	1	2.19	20.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A
7440-66-6	Zinc	12.0	J	1	8.33	20.0	ug/L	12/04/25 10:35	12/09/25 17:11	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

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J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KE7
Lab Sample ID: Q3763-08
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3763
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	66.6		1	5.67	50.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-36-0	Antimony	4.48	J	1	3.38	25.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-39-3	Barium	52.6		1	7.28	50.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-43-9	Cadmium	41.9		1	0.25	3.00	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-70-2	Calcium	11500		1	117	1000	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-47-3	Chromium	3.82	J	1	1.06	5.00	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-48-4	Cobalt	1.20	J	1	1.13	15.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-50-8	Copper	50.8		1	2.30	10.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
Hardness	Hardness, Total	30800		1	795	6620	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7439-89-6	Iron	29.2	J	1	11.7	50.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7439-92-1	Lead	6670		1	1.15	6.00	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7439-95-4	Magnesium	517	J	1	122	1000	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7439-96-5	Manganese	152		1	2.97	10.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-02-0	Nickel	27.5		1	1.53	20.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-09-7	Potassium	2380		1	459	1000	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-23-5	Sodium	1320		1	434	1000	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-28-0	Thallium	3.52	J	1	2.19	20.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A
7440-66-6	Zinc	251		1	8.33	20.0	ug/L	12/04/25 10:35	12/09/25 17:16	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KE8
Lab Sample ID: Q3763-09
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3763
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5.67	U	1	5.67	50.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-36-0	Antimony	7.47	J	1	3.38	25.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-39-3	Barium	15.6	J	1	7.28	50.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-43-9	Cadmium	312		1	0.25	3.00	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-70-2	Calcium	5530		1	117	1000	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-47-3	Chromium	4.11	J	1	1.06	5.00	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-50-8	Copper	19.8		1	2.30	10.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
Hardness	Hardness, Total	18600		1	795	6620	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7439-89-6	Iron	136		1	11.7	50.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7439-92-1	Lead	684		1	1.15	6.00	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7439-95-4	Magnesium	1170		1	122	1000	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7439-96-5	Manganese	53.3		1	2.97	10.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-02-0	Nickel	22.3		1	1.53	20.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-09-7	Potassium	1480		1	459	1000	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7782-49-2	Selenium	6.47	J	1	4.82	10.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-23-5	Sodium	1160		1	434	1000	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-28-0	Thallium	3.05	J	1	2.19	20.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A
7440-66-6	Zinc	448		1	8.33	20.0	ug/L	12/04/25 10:35	12/09/25 17:20	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KE9
Lab Sample ID: Q3763-10
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3763
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5.67	U	1	5.67	50.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-36-0	Antimony	14.4	J	1	3.38	25.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-39-3	Barium	13.5	J	1	7.28	50.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-43-9	Cadmium	24.4		1	0.25	3.00	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-70-2	Calcium	10700		1	117	1000	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-47-3	Chromium	2.66	J	1	1.06	5.00	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-48-4	Cobalt	2.22	J	1	1.13	15.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-50-8	Copper	2.91	J	1	2.30	10.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
Hardness	Hardness, Total	32300		1	795	6620	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7439-89-6	Iron	12.8	J	1	11.7	50.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7439-92-1	Lead	19.6		1	1.15	6.00	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7439-95-4	Magnesium	1350		1	122	1000	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7439-96-5	Manganese	909		1	2.97	10.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-02-0	Nickel	4.20	J	1	1.53	20.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-09-7	Potassium	2670		1	459	1000	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-23-5	Sodium	3370		1	434	1000	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-28-0	Thallium	2.89	J	1	2.19	20.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A
7440-66-6	Zinc	189		1	8.33	20.0	ug/L	12/04/25 10:35	12/09/25 17:24	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KF1
Lab Sample ID: Q3763-11
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3763
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13.7	J	1	5.67	50.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-36-0	Antimony	16.9	J	1	3.38	25.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-39-3	Barium	18.9	J	1	7.28	50.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-43-9	Cadmium	8.63		1	0.25	3.00	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-70-2	Calcium	13100		1	117	1000	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-47-3	Chromium	11.5		1	1.06	5.00	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-50-8	Copper	4.03	J	1	2.30	10.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
Hardness	Hardness, Total	56300		1	795	6620	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7439-89-6	Iron	101		1	11.7	50.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7439-92-1	Lead	90.0		1	1.15	6.00	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7439-95-4	Magnesium	5740		1	122	1000	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7439-96-5	Manganese	10.8		1	2.97	10.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-02-0	Nickel	9.02	J	1	1.53	20.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-09-7	Potassium	2340		1	459	1000	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-23-5	Sodium	1020		1	434	1000	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A
7440-66-6	Zinc	13.3	J	1	8.33	20.0	ug/L	12/04/25 10:35	12/09/25 17:28	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KF3
Lab Sample ID: Q3763-14
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3763
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	56.0		1	5.67	50.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-36-0	Antimony	3.81	J	1	3.38	25.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-39-3	Barium	45.0	J	1	7.28	50.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-43-9	Cadmium	34.0		1	0.25	3.00	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-70-2	Calcium	9790		1	117	1000	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-47-3	Chromium	1.51	J	1	1.06	5.00	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-50-8	Copper	41.8		1	2.30	10.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
Hardness	Hardness, Total	26300		1	795	6620	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7439-89-6	Iron	23.4	J	1	11.7	50.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7439-92-1	Lead	5400		1	1.15	6.00	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7439-95-4	Magnesium	460	J	1	122	1000	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7439-96-5	Manganese	124		1	2.97	10.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-02-0	Nickel	21.1		1	1.53	20.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-09-7	Potassium	1970		1	459	1000	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-23-5	Sodium	1100		1	434	1000	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-28-0	Thallium	2.96	J	1	2.19	20.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A
7440-66-6	Zinc	210		1	8.33	20.0	ug/L	12/04/25 10:35	12/09/25 18:02	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7590	8000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Antimony	3970	4000	99	90 - 110	P	12/09/2025	12:15	LB138174
	Arsenic	3860	4000	96	90 - 110	P	12/09/2025	12:15	LB138174
	Barium	7460	8000	93	90 - 110	P	12/09/2025	12:15	LB138174
	Beryllium	189	200	94	90 - 110	P	12/09/2025	12:15	LB138174
	Cadmium	1900	2000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Calcium	19000	20000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Chromium	788	800	98	90 - 110	P	12/09/2025	12:15	LB138174
	Cobalt	1890	2000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Copper	975	1000	98	90 - 110	P	12/09/2025	12:15	LB138174
	Iron	3830	4000	96	90 - 110	P	12/09/2025	12:15	LB138174
	Lead	3750	4000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Magnesium	19000	20000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Manganese	1870	2000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Nickel	1890	2000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Potassium	19100	20000	96	90 - 110	P	12/09/2025	12:15	LB138174
	Selenium	3930	4000	98	90 - 110	P	12/09/2025	12:15	LB138174
	Silver	938	1000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Sodium	18500	20000	92	90 - 110	P	12/09/2025	12:15	LB138174
	Thallium	3760	4000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Vanadium	1930	2000	97	90 - 110	P	12/09/2025	12:15	LB138174
	Zinc	1980	2000	99	90 - 110	P	12/09/2025	12:15	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	99.7	100	100	80 - 120	P	12/09/2025	12:19	LB138174
	Antimony	55.1	50.0	110	80 - 120	P	12/09/2025	12:19	LB138174
	Arsenic	21.2	20.0	106	80 - 120	P	12/09/2025	12:19	LB138174
	Barium	99.5	100	100	80 - 120	P	12/09/2025	12:19	LB138174
	Beryllium	6.04	6.0	101	80 - 120	P	12/09/2025	12:19	LB138174
	Cadmium	5.98	6.0	100	80 - 120	P	12/09/2025	12:19	LB138174
	Calcium	2030	2000	102	80 - 120	P	12/09/2025	12:19	LB138174
	Chromium	10.0	10.0	100	80 - 120	P	12/09/2025	12:19	LB138174
	Cobalt	29.5	30.0	98	80 - 120	P	12/09/2025	12:19	LB138174
	Copper	21.1	20.0	106	80 - 120	P	12/09/2025	12:19	LB138174
	Iron	99.9	100	100	80 - 120	P	12/09/2025	12:19	LB138174
	Lead	10.6	12.0	88	80 - 120	P	12/09/2025	12:19	LB138174
	Magnesium	2100	2000	105	80 - 120	P	12/09/2025	12:19	LB138174
	Manganese	20.7	20.0	103	80 - 120	P	12/09/2025	12:19	LB138174
	Nickel	40.1	40.0	100	80 - 120	P	12/09/2025	12:19	LB138174
	Potassium	2050	2000	103	80 - 120	P	12/09/2025	12:19	LB138174
	Selenium	22.0	20.0	110	80 - 120	P	12/09/2025	12:19	LB138174
	Silver	10.4	10.0	104	80 - 120	P	12/09/2025	12:19	LB138174
	Sodium	2030	2000	101	80 - 120	P	12/09/2025	12:19	LB138174
	Thallium	43.8	40.0	110	80 - 120	P	12/09/2025	12:19	LB138174
	Vanadium	41.1	40.0	103	80 - 120	P	12/09/2025	12:19	LB138174
	Zinc	42.9	40.0	107	80 - 120	P	12/09/2025	12:19	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3763
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9680	10000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Antimony	4920	5000	98	90 - 110	P	12/09/2025	12:49	LB138174
	Arsenic	4920	5000	98	90 - 110	P	12/09/2025	12:49	LB138174
	Barium	9670	10000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Beryllium	237	250	95	90 - 110	P	12/09/2025	12:49	LB138174
	Cadmium	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Calcium	24200	25000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Chromium	990	1000	99	90 - 110	P	12/09/2025	12:49	LB138174
	Cobalt	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Copper	1230	1250	99	90 - 110	P	12/09/2025	12:49	LB138174
	Iron	5110	5000	102	90 - 110	P	12/09/2025	12:49	LB138174
	Lead	4870	5000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Magnesium	24200	25000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Manganese	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Nickel	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Potassium	25200	25000	101	90 - 110	P	12/09/2025	12:49	LB138174
	Selenium	4950	5000	99	90 - 110	P	12/09/2025	12:49	LB138174
	Silver	1250	1250	100	90 - 110	P	12/09/2025	12:49	LB138174
	Sodium	25100	25000	100	90 - 110	P	12/09/2025	12:49	LB138174
	Thallium	5110	5000	102	90 - 110	P	12/09/2025	12:49	LB138174
	Vanadium	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Zinc	2510	2500	100	90 - 110	P	12/09/2025	12:49	LB138174
CCV02	Aluminum	9650	10000	96	90 - 110	P	12/09/2025	13:41	LB138174
	Antimony	5030	5000	101	90 - 110	P	12/09/2025	13:41	LB138174
	Arsenic	5030	5000	100	90 - 110	P	12/09/2025	13:41	LB138174
	Barium	9370	10000	94	90 - 110	P	12/09/2025	13:41	LB138174
	Beryllium	235	250	94	90 - 110	P	12/09/2025	13:41	LB138174
	Cadmium	2440	2500	98	90 - 110	P	12/09/2025	13:41	LB138174
	Calcium	23700	25000	95	90 - 110	P	12/09/2025	13:41	LB138174
	Chromium	981	1000	98	90 - 110	P	12/09/2025	13:41	LB138174
	Cobalt	2450	2500	98	90 - 110	P	12/09/2025	13:41	LB138174
	Copper	1250	1250	100	90 - 110	P	12/09/2025	13:41	LB138174
	Iron	4830	5000	96	90 - 110	P	12/09/2025	13:41	LB138174
	Lead	4900	5000	98	90 - 110	P	12/09/2025	13:41	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23800	25000	95	90 - 110	P	12/09/2025	13:41	LB138174
	Manganese	2330	2500	93	90 - 110	P	12/09/2025	13:41	LB138174
	Nickel	2450	2500	98	90 - 110	P	12/09/2025	13:41	LB138174
	Potassium	24600	25000	98	90 - 110	P	12/09/2025	13:41	LB138174
	Selenium	5090	5000	102	90 - 110	P	12/09/2025	13:41	LB138174
	Silver	1230	1250	99	90 - 110	P	12/09/2025	13:41	LB138174
	Sodium	24400	25000	97	90 - 110	P	12/09/2025	13:41	LB138174
	Thallium	5160	5000	103	90 - 110	P	12/09/2025	13:41	LB138174
	Vanadium	2390	2500	96	90 - 110	P	12/09/2025	13:41	LB138174
	Zinc	2490	2500	100	90 - 110	P	12/09/2025	13:41	LB138174
CCV03	Aluminum	9660	10000	97	90 - 110	P	12/09/2025	15:09	LB138174
	Antimony	5000	5000	100	90 - 110	P	12/09/2025	15:09	LB138174
	Arsenic	4910	5000	98	90 - 110	P	12/09/2025	15:09	LB138174
	Barium	9800	10000	98	90 - 110	P	12/09/2025	15:09	LB138174
	Beryllium	226	250	90	90 - 110	P	12/09/2025	15:09	LB138174
	Cadmium	2410	2500	96	90 - 110	P	12/09/2025	15:09	LB138174
	Calcium	24200	25000	97	90 - 110	P	12/09/2025	15:09	LB138174
	Chromium	953	1000	95	90 - 110	P	12/09/2025	15:09	LB138174
	Cobalt	2430	2500	97	90 - 110	P	12/09/2025	15:09	LB138174
	Copper	1250	1250	100	90 - 110	P	12/09/2025	15:09	LB138174
	Iron	5110	5000	102	90 - 110	P	12/09/2025	15:09	LB138174
	Lead	4850	5000	97	90 - 110	P	12/09/2025	15:09	LB138174
	Magnesium	23800	25000	95	90 - 110	P	12/09/2025	15:09	LB138174
	Manganese	2450	2500	98	90 - 110	P	12/09/2025	15:09	LB138174
	Nickel	2430	2500	97	90 - 110	P	12/09/2025	15:09	LB138174
	Potassium	25300	25000	101	90 - 110	P	12/09/2025	15:09	LB138174
	Selenium	4990	5000	100	90 - 110	P	12/09/2025	15:09	LB138174
	Silver	1210	1250	97	90 - 110	P	12/09/2025	15:09	LB138174
	Sodium	25800	25000	103	90 - 110	P	12/09/2025	15:09	LB138174
	Thallium	4790	5000	96	90 - 110	P	12/09/2025	15:09	LB138174
	Vanadium	2440	2500	98	90 - 110	P	12/09/2025	15:09	LB138174
	Zinc	2410	2500	97	90 - 110	P	12/09/2025	15:09	LB138174
CCV04	Aluminum	9320	10000	93	90 - 110	P	12/09/2025	16:00	LB138174
	Antimony	4960	5000	99	90 - 110	P	12/09/2025	16:00	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4910	5000	98	90 - 110	P	12/09/2025	16:00	LB138174
	Barium	9210	10000	92	90 - 110	P	12/09/2025	16:00	LB138174
	Beryllium	228	250	91	90 - 110	P	12/09/2025	16:00	LB138174
	Cadmium	2400	2500	96	90 - 110	P	12/09/2025	16:00	LB138174
	Calcium	23100	25000	92	90 - 110	P	12/09/2025	16:00	LB138174
	Chromium	993	1000	99	90 - 110	P	12/09/2025	16:00	LB138174
	Cobalt	2410	2500	97	90 - 110	P	12/09/2025	16:00	LB138174
	Copper	1240	1250	99	90 - 110	P	12/09/2025	16:00	LB138174
	Iron	4980	5000	100	90 - 110	P	12/09/2025	16:00	LB138174
	Lead	4820	5000	96	90 - 110	P	12/09/2025	16:00	LB138174
	Magnesium	22900	25000	92	90 - 110	P	12/09/2025	16:00	LB138174
	Manganese	2300	2500	92	90 - 110	P	12/09/2025	16:00	LB138174
	Nickel	2410	2500	96	90 - 110	P	12/09/2025	16:00	LB138174
	Potassium	25100	25000	100	90 - 110	P	12/09/2025	16:00	LB138174
	Selenium	4990	5000	100	90 - 110	P	12/09/2025	16:00	LB138174
	Silver	1260	1250	101	90 - 110	P	12/09/2025	16:00	LB138174
	Sodium	25200	25000	101	90 - 110	P	12/09/2025	16:00	LB138174
	Thallium	4920	5000	98	90 - 110	P	12/09/2025	16:00	LB138174
	Vanadium	2330	2500	93	90 - 110	P	12/09/2025	16:00	LB138174
	Zinc	2510	2500	100	90 - 110	P	12/09/2025	16:00	LB138174
CCV05	Aluminum	9810	10000	98	90 - 110	P	12/09/2025	16:50	LB138174
	Antimony	4970	5000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Arsenic	4940	5000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Barium	9410	10000	94	90 - 110	P	12/09/2025	16:50	LB138174
	Beryllium	229	250	92	90 - 110	P	12/09/2025	16:50	LB138174
	Cadmium	2420	2500	97	90 - 110	P	12/09/2025	16:50	LB138174
	Calcium	24200	25000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Chromium	987	1000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Cobalt	2430	2500	97	90 - 110	P	12/09/2025	16:50	LB138174
	Copper	1240	1250	99	90 - 110	P	12/09/2025	16:50	LB138174
	Iron	4980	5000	100	90 - 110	P	12/09/2025	16:50	LB138174
	Lead	4840	5000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Magnesium	24200	25000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Manganese	2370	2500	95	90 - 110	P	12/09/2025	16:50	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2420	2500	97	90 - 110	P	12/09/2025	16:50	LB138174
	Potassium	24700	25000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Selenium	5000	5000	100	90 - 110	P	12/09/2025	16:50	LB138174
	Silver	1210	1250	97	90 - 110	P	12/09/2025	16:50	LB138174
	Sodium	24200	25000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Thallium	4980	5000	100	90 - 110	P	12/09/2025	16:50	LB138174
	Vanadium	2450	2500	98	90 - 110	P	12/09/2025	16:50	LB138174
	Zinc	2450	2500	98	90 - 110	P	12/09/2025	16:50	LB138174
CCV06	Aluminum	9660	10000	97	90 - 110	P	12/09/2025	17:41	LB138174
	Antimony	5010	5000	100	90 - 110	P	12/09/2025	17:41	LB138174
	Arsenic	4970	5000	99	90 - 110	P	12/09/2025	17:41	LB138174
	Barium	9340	10000	93	90 - 110	P	12/09/2025	17:41	LB138174
	Beryllium	232	250	93	90 - 110	P	12/09/2025	17:41	LB138174
	Cadmium	2410	2500	97	90 - 110	P	12/09/2025	17:41	LB138174
	Calcium	23700	25000	95	90 - 110	P	12/09/2025	17:41	LB138174
	Chromium	986	1000	99	90 - 110	P	12/09/2025	17:41	LB138174
	Cobalt	2430	2500	97	90 - 110	P	12/09/2025	17:41	LB138174
	Copper	1250	1250	100	90 - 110	P	12/09/2025	17:41	LB138174
	Iron	4900	5000	98	90 - 110	P	12/09/2025	17:41	LB138174
	Lead	4840	5000	97	90 - 110	P	12/09/2025	17:41	LB138174
	Magnesium	23700	25000	95	90 - 110	P	12/09/2025	17:41	LB138174
	Manganese	2320	2500	93	90 - 110	P	12/09/2025	17:41	LB138174
	Nickel	2420	2500	97	90 - 110	P	12/09/2025	17:41	LB138174
	Potassium	24800	25000	99	90 - 110	P	12/09/2025	17:41	LB138174
	Selenium	5050	5000	101	90 - 110	P	12/09/2025	17:41	LB138174
	Silver	1240	1250	99	90 - 110	P	12/09/2025	17:41	LB138174
	Sodium	24400	25000	98	90 - 110	P	12/09/2025	17:41	LB138174
	Thallium	4800	5000	96	90 - 110	P	12/09/2025	17:41	LB138174
	Vanadium	2400	2500	96	90 - 110	P	12/09/2025	17:41	LB138174
	Zinc	2490	2500	100	90 - 110	P	12/09/2025	17:41	LB138174
CCV07	Aluminum	9570	10000	96	90 - 110	P	12/09/2025	18:31	LB138174
	Antimony	4890	5000	98	90 - 110	P	12/09/2025	18:31	LB138174
	Arsenic	4800	5000	96	90 - 110	P	12/09/2025	18:31	LB138174
	Barium	9690	10000	97	90 - 110	P	12/09/2025	18:31	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3763
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	227	250	91	90 - 110	P	12/09/2025	18:31	LB138174
	Cadmium	2350	2500	94	90 - 110	P	12/09/2025	18:31	LB138174
	Calcium	23800	25000	95	90 - 110	P	12/09/2025	18:31	LB138174
	Chromium	951	1000	95	90 - 110	P	12/09/2025	18:31	LB138174
	Cobalt	2380	2500	95	90 - 110	P	12/09/2025	18:31	LB138174
	Copper	1220	1250	98	90 - 110	P	12/09/2025	18:31	LB138174
	Iron	5080	5000	102	90 - 110	P	12/09/2025	18:31	LB138174
	Lead	4730	5000	95	90 - 110	P	12/09/2025	18:31	LB138174
	Magnesium	23500	25000	94	90 - 110	P	12/09/2025	18:31	LB138174
	Manganese	2410	2500	96	90 - 110	P	12/09/2025	18:31	LB138174
	Nickel	2370	2500	95	90 - 110	P	12/09/2025	18:31	LB138174
	Potassium	25100	25000	100	90 - 110	P	12/09/2025	18:31	LB138174
	Selenium	4870	5000	97	90 - 110	P	12/09/2025	18:31	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	18:31	LB138174
	Sodium	25500	25000	102	90 - 110	P	12/09/2025	18:31	LB138174
	Thallium	4650	5000	93	90 - 110	P	12/09/2025	18:31	LB138174
	Vanadium	2400	2500	96	90 - 110	P	12/09/2025	18:31	LB138174
	Zinc	2460	2500	98	90 - 110	P	12/09/2025	18:31	LB138174
CCV08	Aluminum	9450	10000	94	90 - 110	P	12/09/2025	19:30	LB138174
	Antimony	4850	5000	97	90 - 110	P	12/09/2025	19:30	LB138174
	Arsenic	4790	5000	96	90 - 110	P	12/09/2025	19:30	LB138174
	Barium	9180	10000	92	90 - 110	P	12/09/2025	19:30	LB138174
	Beryllium	225	250	90	90 - 110	P	12/09/2025	19:30	LB138174
	Cadmium	2350	2500	94	90 - 110	P	12/09/2025	19:30	LB138174
	Calcium	23400	25000	94	90 - 110	P	12/09/2025	19:30	LB138174
	Chromium	956	1000	96	90 - 110	P	12/09/2025	19:30	LB138174
	Cobalt	2370	2500	95	90 - 110	P	12/09/2025	19:30	LB138174
	Copper	1210	1250	97	90 - 110	P	12/09/2025	19:30	LB138174
	Iron	4910	5000	98	90 - 110	P	12/09/2025	19:30	LB138174
	Lead	4740	5000	95	90 - 110	P	12/09/2025	19:30	LB138174
	Magnesium	23300	25000	93	90 - 110	P	12/09/2025	19:30	LB138174
	Manganese	2320	2500	93	90 - 110	P	12/09/2025	19:30	LB138174
	Nickel	2360	2500	95	90 - 110	P	12/09/2025	19:30	LB138174
	Potassium	24300	25000	97	90 - 110	P	12/09/2025	19:30	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

Contract: TETR16

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3763

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4840	5000	97	90 - 110	P	12/09/2025	19:30	LB138174
	Silver	1200	1250	96	90 - 110	P	12/09/2025	19:30	LB138174
	Sodium	24100	25000	96	90 - 110	P	12/09/2025	19:30	LB138174
	Thallium	4690	5000	94	90 - 110	P	12/09/2025	19:30	LB138174
	Vanadium	2360	2500	94	90 - 110	P	12/09/2025	19:30	LB138174
	Zinc	2410	2500	96	90 - 110	P	12/09/2025	19:30	LB138174
CCV09	Aluminum	9360	10000	94	90 - 110	P	12/09/2025	20:37	LB138174
	Antimony	4880	5000	98	90 - 110	P	12/09/2025	20:37	LB138174
	Arsenic	4800	5000	96	90 - 110	P	12/09/2025	20:37	LB138174
	Barium	9610	10000	96	90 - 110	P	12/09/2025	20:37	LB138174
	Beryllium	241	250	96	90 - 110	P	12/09/2025	20:37	LB138174
	Cadmium	2350	2500	94	90 - 110	P	12/09/2025	20:37	LB138174
	Calcium	23200	25000	93	90 - 110	P	12/09/2025	20:37	LB138174
	Chromium	962	1000	96	90 - 110	P	12/09/2025	20:37	LB138174
	Cobalt	2380	2500	95	90 - 110	P	12/09/2025	20:37	LB138174
	Copper	1220	1250	98	90 - 110	P	12/09/2025	20:37	LB138174
	Iron	5130	5000	103	90 - 110	P	12/09/2025	20:37	LB138174
	Lead	4730	5000	95	90 - 110	P	12/09/2025	20:37	LB138174
	Magnesium	22900	25000	92	90 - 110	P	12/09/2025	20:37	LB138174
	Manganese	2320	2500	93	90 - 110	P	12/09/2025	20:37	LB138174
	Nickel	2370	2500	95	90 - 110	P	12/09/2025	20:37	LB138174
	Potassium	25300	25000	101	90 - 110	P	12/09/2025	20:37	LB138174
	Selenium	4850	5000	97	90 - 110	P	12/09/2025	20:37	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	20:37	LB138174
	Sodium	25200	25000	101	90 - 110	P	12/09/2025	20:37	LB138174
	Thallium	5060	5000	101	90 - 110	P	12/09/2025	20:37	LB138174
	Vanadium	2360	2500	94	90 - 110	P	12/09/2025	20:37	LB138174
	Zinc	2460	2500	98	90 - 110	P	12/09/2025	20:37	LB138174
CCV10	Aluminum	9390	10000	94	90 - 110	P	12/09/2025	21:27	LB138174
	Antimony	4960	5000	99	90 - 110	P	12/09/2025	21:27	LB138174
	Arsenic	4890	5000	98	90 - 110	P	12/09/2025	21:27	LB138174
	Barium	9460	10000	95	90 - 110	P	12/09/2025	21:27	LB138174
	Beryllium	239	250	96	90 - 110	P	12/09/2025	21:27	LB138174
	Cadmium	2360	2500	94	90 - 110	P	12/09/2025	21:27	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	23100	25000	92	90 - 110	P	12/09/2025	21:27	LB138174
	Chromium	948	1000	95	90 - 110	P	12/09/2025	21:27	LB138174
	Cobalt	2380	2500	95	90 - 110	P	12/09/2025	21:27	LB138174
	Copper	1230	1250	98	90 - 110	P	12/09/2025	21:27	LB138174
	Iron	4950	5000	99	90 - 110	P	12/09/2025	21:27	LB138174
	Lead	4760	5000	95	90 - 110	P	12/09/2025	21:27	LB138174
	Magnesium	22900	25000	91	90 - 110	P	12/09/2025	21:27	LB138174
	Manganese	2280	2500	91	90 - 110	P	12/09/2025	21:27	LB138174
	Nickel	2370	2500	95	90 - 110	P	12/09/2025	21:27	LB138174
	Potassium	24600	25000	98	90 - 110	P	12/09/2025	21:27	LB138174
	Selenium	4990	5000	100	90 - 110	P	12/09/2025	21:27	LB138174
	Silver	1190	1250	95	90 - 110	P	12/09/2025	21:27	LB138174
	Sodium	24400	25000	98	90 - 110	P	12/09/2025	21:27	LB138174
	Thallium	5230	5000	105	90 - 110	P	12/09/2025	21:27	LB138174
	Vanadium	2330	2500	93	90 - 110	P	12/09/2025	21:27	LB138174
	Zinc	2430	2500	97	90 - 110	P	12/09/2025	21:27	LB138174
CCV11	Aluminum	9410	10000	94	90 - 110	P	12/09/2025	22:17	LB138174
	Antimony	4930	5000	99	90 - 110	P	12/09/2025	22:17	LB138174
	Arsenic	4850	5000	97	90 - 110	P	12/09/2025	22:17	LB138174
	Barium	9600	10000	96	90 - 110	P	12/09/2025	22:17	LB138174
	Beryllium	248	250	99	90 - 110	P	12/09/2025	22:17	LB138174
	Cadmium	2370	2500	95	90 - 110	P	12/09/2025	22:17	LB138174
	Calcium	23200	25000	93	90 - 110	P	12/09/2025	22:17	LB138174
	Chromium	963	1000	96	90 - 110	P	12/09/2025	22:17	LB138174
	Cobalt	2400	2500	96	90 - 110	P	12/09/2025	22:17	LB138174
	Copper	1230	1250	98	90 - 110	P	12/09/2025	22:17	LB138174
	Iron	4940	5000	99	90 - 110	P	12/09/2025	22:17	LB138174
	Lead	4760	5000	95	90 - 110	P	12/09/2025	22:17	LB138174
	Magnesium	23000	25000	92	90 - 110	P	12/09/2025	22:17	LB138174
	Manganese	2280	2500	91	90 - 110	P	12/09/2025	22:17	LB138174
	Nickel	2390	2500	95	90 - 110	P	12/09/2025	22:17	LB138174
	Potassium	24500	25000	98	90 - 110	P	12/09/2025	22:17	LB138174
	Selenium	4920	5000	98	90 - 110	P	12/09/2025	22:17	LB138174
	Silver	1190	1250	95	90 - 110	P	12/09/2025	22:17	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3763
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	24100	25000	96	90 - 110	P	12/09/2025	22:17	LB138174
	Thallium	5240	5000	105	90 - 110	P	12/09/2025	22:17	LB138174
	Vanadium	2350	2500	94	90 - 110	P	12/09/2025	22:17	LB138174
	Zinc	2440	2500	97	90 - 110	P	12/09/2025	22:17	LB138174
CCV12	Aluminum	9590	10000	96	90 - 110	P	12/09/2025	23:20	LB138174
	Antimony	4970	5000	100	90 - 110	P	12/09/2025	23:20	LB138174
	Arsenic	4830	5000	97	90 - 110	P	12/09/2025	23:20	LB138174
	Barium	9960	10000	100	90 - 110	P	12/09/2025	23:20	LB138174
	Beryllium	251	250	100	90 - 110	P	12/09/2025	23:20	LB138174
	Cadmium	2370	2500	95	90 - 110	P	12/09/2025	23:20	LB138174
	Calcium	23700	25000	95	90 - 110	P	12/09/2025	23:20	LB138174
	Chromium	943	1000	94	90 - 110	P	12/09/2025	23:20	LB138174
	Cobalt	2410	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Copper	1240	1250	99	90 - 110	P	12/09/2025	23:20	LB138174
	Iron	5040	5000	101	90 - 110	P	12/09/2025	23:20	LB138174
	Lead	4790	5000	96	90 - 110	P	12/09/2025	23:20	LB138174
	Magnesium	23400	25000	94	90 - 110	P	12/09/2025	23:20	LB138174
	Manganese	2400	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Nickel	2400	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Potassium	25000	25000	100	90 - 110	P	12/09/2025	23:20	LB138174
	Selenium	4920	5000	98	90 - 110	P	12/09/2025	23:20	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	23:20	LB138174
	Sodium	25500	25000	102	90 - 110	P	12/09/2025	23:20	LB138174
	Thallium	5030	5000	101	90 - 110	P	12/09/2025	23:20	LB138174
	Vanadium	2400	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Zinc	2470	2500	99	90 - 110	P	12/09/2025	23:20	LB138174
CCV13	Aluminum	9730	10000	97	90 - 110	P	12/09/2025	23:41	LB138174
	Antimony	5110	5000	102	90 - 110	P	12/09/2025	23:41	LB138174
	Arsenic	5020	5000	100	90 - 110	P	12/09/2025	23:41	LB138174
	Barium	9690	10000	97	90 - 110	P	12/09/2025	23:41	LB138174
	Beryllium	252	250	101	90 - 110	P	12/09/2025	23:41	LB138174
	Cadmium	2440	2500	97	90 - 110	P	12/09/2025	23:41	LB138174
	Calcium	23800	25000	95	90 - 110	P	12/09/2025	23:41	LB138174
	Chromium	966	1000	97	90 - 110	P	12/09/2025	23:41	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV13	Cobalt	2470	2500	99	90 - 110	P	12/09/2025	23:41	LB138174
	Copper	1270	1250	102	90 - 110	P	12/09/2025	23:41	LB138174
	Iron	4960	5000	99	90 - 110	P	12/09/2025	23:41	LB138174
	Lead	4900	5000	98	90 - 110	P	12/09/2025	23:41	LB138174
	Magnesium	23700	25000	95	90 - 110	P	12/09/2025	23:41	LB138174
	Manganese	2350	2500	94	90 - 110	P	12/09/2025	23:41	LB138174
	Nickel	2450	2500	98	90 - 110	P	12/09/2025	23:41	LB138174
	Potassium	24800	25000	99	90 - 110	P	12/09/2025	23:41	LB138174
	Selenium	5120	5000	102	90 - 110	P	12/09/2025	23:41	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	23:41	LB138174
	Sodium	24800	25000	99	90 - 110	P	12/09/2025	23:41	LB138174
	Thallium	5350	5000	107	90 - 110	P	12/09/2025	23:41	LB138174
	Vanadium	2420	2500	97	90 - 110	P	12/09/2025	23:41	LB138174
	Zinc	2490	2500	100	90 - 110	P	12/09/2025	23:41	LB138174

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	104	100	104	65 - 135	P	12/09/2025	12:28	LB138174
	Antimony	54.0	50.0	108	65 - 135	P	12/09/2025	12:28	LB138174
	Arsenic	19.1	20.0	96	65 - 135	P	12/09/2025	12:28	LB138174
	Barium	96.1	100	96	65 - 135	P	12/09/2025	12:28	LB138174
	Beryllium	6.05	6.0	101	65 - 135	P	12/09/2025	12:28	LB138174
	Cadmium	5.84	6.0	97	65 - 135	P	12/09/2025	12:28	LB138174
	Calcium	2020	2000	101	65 - 135	P	12/09/2025	12:28	LB138174
	Chromium	10.4	10.0	104	65 - 135	P	12/09/2025	12:28	LB138174
	Cobalt	29.3	30.0	98	65 - 135	P	12/09/2025	12:28	LB138174
	Copper	21.5	20.0	107	65 - 135	P	12/09/2025	12:28	LB138174
	Iron	86.6	100	87	65 - 135	P	12/09/2025	12:28	LB138174
	Lead	12.0	12.0	100	65 - 135	P	12/09/2025	12:28	LB138174
	Magnesium	2090	2000	104	65 - 135	P	12/09/2025	12:28	LB138174
	Manganese	19.8	20.0	99	65 - 135	P	12/09/2025	12:28	LB138174
	Nickel	39.7	40.0	99	65 - 135	P	12/09/2025	12:28	LB138174
	Potassium	1970	2000	98	65 - 135	P	12/09/2025	12:28	LB138174
	Selenium	19.3	20.0	97	65 - 135	P	12/09/2025	12:28	LB138174
	Silver	10.0	10.0	100	65 - 135	P	12/09/2025	12:28	LB138174
	Sodium	1860	2000	93	65 - 135	P	12/09/2025	12:28	LB138174
	Thallium	44.4	40.0	111	65 - 135	P	12/09/2025	12:28	LB138174
	Vanadium	38.4	40.0	96	65 - 135	P	12/09/2025	12:28	LB138174
	Zinc	41.9	40.0	105	65 - 135	P	12/09/2025	12:28	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	12/09/2025	12:24	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	12:24	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	12:24	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	12:24	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	12:24	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	12:24	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	12:24	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	12:24	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	12:24	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	12:24	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	12:24	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	12:24	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	12:24	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	12:24	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	12:24	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	12:24	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	12:24	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	12:24	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	12:24	LB138174
	Thallium	4.38	+/-20	U	40.0	P	12/09/2025	12:24	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	12:24	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	12:24	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	12/09/2025	12:53	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	12:53	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	12:53	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	12:53	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	12:53	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	12:53	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	12:53	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	12:53	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	12:53	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	12:53	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	12:53	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	12:53	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	12:53	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	12:53	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	12:53	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	12:53	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	12:53	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	12:53	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	12:53	LB138174
	Thallium	4.38	+/-20	U	40.0	P	12/09/2025	12:53	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	12:53	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	12:53	LB138174
CCB02	Aluminum	11.3	+/-50	U	100	P	12/09/2025	13:45	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	13:45	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	13:45	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	13:45	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	13:45	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	13:45	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	13:45	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	13:45	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	13:45	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	13:45	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	13:45	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	13:45	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	13:45	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	13:45	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	13:45	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	13:45	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	13:45	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	12/09/2025	13:45	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	13:45	LB138174
	Thallium	5.85	+/-20	J	40.0	P	12/09/2025	13:45	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	13:45	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	13:45	LB138174
CCB03	Aluminum	11.3	+/-50	U	100	P	12/09/2025	15:13	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	15:13	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	15:13	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	15:13	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	15:13	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	15:13	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	15:13	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	15:13	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	15:13	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	15:13	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	15:13	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	15:13	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	15:13	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	15:13	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	15:13	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	15:13	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	15:13	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	15:13	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	15:13	LB138174
	Thallium	5.03	+/-20	J	40.0	P	12/09/2025	15:13	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	15:13	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	15:13	LB138174
CCB04	Aluminum	11.3	+/-50	U	100	P	12/09/2025	16:04	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	16:04	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	16:04	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	16:04	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	16:04	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	16:04	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	16:04	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	16:04	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	16:04	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	16:04	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	16:04	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	16:04	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	12/09/2025	16:04	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	16:04	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	16:04	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	16:04	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	16:04	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	16:04	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	16:04	LB138174
	Thallium	4.38	+/-20	U	40.0	P	12/09/2025	16:04	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	16:04	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	16:04	LB138174
CCB05	Aluminum	11.3	+/-50	U	100	P	12/09/2025	16:54	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	16:54	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	16:54	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	16:54	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	16:54	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	16:54	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	16:54	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	16:54	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	16:54	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	16:54	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	16:54	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	16:54	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	16:54	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	16:54	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	16:54	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	16:54	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	16:54	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	16:54	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	16:54	LB138174
	Thallium	4.38	+/-20	U	40.0	P	12/09/2025	16:54	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	16:54	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	16:54	LB138174
CCB06	Aluminum	11.3	+/-50	U	100	P	12/09/2025	17:45	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	17:45	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	17:45	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	17:45	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	17:45	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	17:45	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	17:45	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	17:45	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	17:45	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	17:45	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	17:45	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	17:45	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	17:45	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	17:45	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	17:45	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	17:45	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	17:45	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	17:45	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	17:45	LB138174
	Thallium	5.28	+/-20	J	40.0	P	12/09/2025	17:45	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	17:45	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	17:45	LB138174
CCB07	Aluminum	11.3	+/-50	U	100	P	12/09/2025	18:36	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	18:36	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	18:36	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	18:36	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	18:36	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	18:36	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	18:36	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	18:36	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	18:36	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	18:36	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	18:36	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	18:36	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	18:36	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	18:36	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	18:36	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	18:36	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	18:36	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	18:36	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	18:36	LB138174
	Thallium	4.38	+/-20	U	40.0	P	12/09/2025	18:36	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	18:36	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	18:36	LB138174
CCB08	Aluminum	11.3	+/-50	U	100	P	12/09/2025	19:34	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	19:34	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	19:34	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	19:34	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	19:34	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	19:34	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	19:34	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	19:34	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	19:34	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	19:34	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	19:34	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	19:34	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	19:34	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	19:34	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	19:34	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	19:34	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	19:34	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	19:34	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	19:34	LB138174
	Thallium	5.64	+/-20	J	40.0	P	12/09/2025	19:34	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	19:34	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	19:34	LB138174
CCB09	Aluminum	11.3	+/-50	U	100	P	12/09/2025	20:41	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	20:41	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	20:41	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	20:41	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	20:41	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	20:41	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	20:41	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	20:41	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	20:41	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	20:41	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	20:41	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	20:41	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	20:41	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	20:41	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	20:41	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	20:41	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	20:41	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	20:41	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	20:41	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	7.51	+/-20	J	40.0	P	12/09/2025	20:41	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	20:41	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	20:41	LB138174
CCB10	Aluminum	11.3	+/-50	U	100	P	12/09/2025	21:31	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	21:31	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	21:31	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	21:31	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	21:31	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	21:31	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	21:31	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	21:31	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	21:31	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	21:31	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	21:31	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	21:31	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	21:31	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	21:31	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	21:31	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	21:31	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	21:31	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	21:31	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	21:31	LB138174
	Thallium	8.81	+/-20	J	40.0	P	12/09/2025	21:31	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	21:31	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	21:31	LB138174
	Aluminum	11.3	+/-50	U	100	P	12/09/2025	22:22	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	22:22	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	22:22	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	22:22	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	22:22	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	22:22	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	22:22	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	22:22	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	22:22	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	22:22	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	22:22	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	22:22	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	22:22	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	22:22	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	22:22	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	22:22	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	22:22	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	22:22	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	22:22	LB138174
	Thallium	4.38	+/-20	U	40.0	P	12/09/2025	22:22	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	22:22	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	22:22	LB138174
CCB12	Aluminum	11.3	+/-50	U	100	P	12/09/2025	23:25	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	23:25	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	23:25	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	23:25	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	23:25	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	23:25	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	23:25	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	23:25	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	23:25	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	23:25	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	23:25	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	23:25	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	23:25	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	23:25	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	23:25	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	23:25	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	23:25	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	23:25	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	23:25	LB138174
	Thallium	5.46	+/-20	J	40.0	P	12/09/2025	23:25	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	23:25	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	23:25	LB138174
	Aluminum	11.3	+/-50	U	100	P	12/09/2025	23:45	LB138174
	Antimony	6.76	+/-25	U	50.0	P	12/09/2025	23:45	LB138174
	Arsenic	5.12	+/-10	U	20.0	P	12/09/2025	23:45	LB138174
	Barium	14.6	+/-50	U	100	P	12/09/2025	23:45	LB138174
	Beryllium	0.56	+/-3	U	6.00	P	12/09/2025	23:45	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	23:45	LB138174
	Calcium	234	+/-1000	U	2000	P	12/09/2025	23:45	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	23:45	LB138174
	Cobalt	2.26	+/-15	U	30.0	P	12/09/2025	23:45	LB138174
CCB13									

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB13	Copper	4.60	+/-10	U	20.0	P	12/09/2025	23:45	LB138174
	Iron	23.4	+/-50	U	100	P	12/09/2025	23:45	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	23:45	LB138174
	Magnesium	244	+/-1000	U	2000	P	12/09/2025	23:45	LB138174
	Manganese	5.94	+/-10	U	20.0	P	12/09/2025	23:45	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	23:45	LB138174
	Potassium	918	+/-1000	U	2000	P	12/09/2025	23:45	LB138174
	Selenium	9.64	+/-10	U	20.0	P	12/09/2025	23:45	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	23:45	LB138174
	Sodium	868	+/-1000	U	2000	P	12/09/2025	23:45	LB138174
	Thallium	10.7	+/-20	J	40.0	P	12/09/2025	23:45	LB138174
	Vanadium	6.26	+/-20	U	40.0	P	12/09/2025	23:45	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	23:45	LB138174

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3763

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170820BL	WATER			Batch Number:	PB170820		Prep Date:	12/04/2025	
	Aluminum	5.67	<25	U	50.0	P	12/09/2025	16:29	LB138174
	Antimony	3.38	<12.5	U	25.0	P	12/09/2025	16:29	LB138174
	Arsenic	2.56	<5	U	10.0	P	12/09/2025	16:29	LB138174
	Barium	7.28	<25	U	50.0	P	12/09/2025	16:29	LB138174
	Beryllium	0.28	<1.5	U	3.00	P	12/09/2025	16:29	LB138174
	Cadmium	0.25	<1.5	U	3.00	P	12/09/2025	16:29	LB138174
	Calcium	117	<500	U	1000	P	12/09/2025	16:29	LB138174
	Chromium	1.06	<2.5	U	5.00	P	12/09/2025	16:29	LB138174
	Cobalt	1.13	<7.5	U	15.0	P	12/09/2025	16:29	LB138174
	Copper	2.30	<5	U	10.0	P	12/09/2025	16:29	LB138174
	Iron	11.7	<25	U	50.0	P	12/09/2025	16:29	LB138174
	Lead	1.15	<3	U	6.00	P	12/09/2025	16:29	LB138174
	Magnesium	122	<500	U	1000	P	12/09/2025	16:29	LB138174
	Manganese	2.97	<5	U	10.0	P	12/09/2025	16:29	LB138174
	Nickel	1.53	<10	U	20.0	P	12/09/2025	16:29	LB138174
	Potassium	459	<500	U	1000	P	12/09/2025	16:29	LB138174
	Selenium	4.82	<5	U	10.0	P	12/09/2025	16:29	LB138174
	Silver	0.81	<2.5	U	5.00	P	12/09/2025	16:29	LB138174
	Sodium	434	<500	U	1000	P	12/09/2025	16:29	LB138174
	Thallium	2.19	<10	U	20.0	P	12/09/2025	16:29	LB138174
	Vanadium	3.13	<10	U	20.0	P	12/09/2025	16:29	LB138174
	Zinc	8.33	<10	U	20.0	P	12/09/2025	16:29	LB138174

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech, EMI</u>	SDG No.: <u>Q3763</u>
Contract: <u>TETR16</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	239000	255000	94	216000	294000	12/09/2025	12:32	LB138174
	Antimony	2.17			-50	50	12/09/2025	12:32	LB138174
	Arsenic	5.20			-20	20	12/09/2025	12:32	LB138174
	Barium	5.08	6.0	85	-94	106	12/09/2025	12:32	LB138174
	Beryllium	1.40			-6	6	12/09/2025	12:32	LB138174
	Cadmium	4.58	1.0	458	-5	7	12/09/2025	12:32	LB138174
	Calcium	225000	245000	92	208000	282000	12/09/2025	12:32	LB138174
	Chromium	45.9	52.0	88	42	62	12/09/2025	12:32	LB138174
	Cobalt	2.34			-30	30	12/09/2025	12:32	LB138174
	Copper	-2.36	2.0	118	-18	22	12/09/2025	12:32	LB138174
	Iron	94200	101000	93	85600	116500	12/09/2025	12:32	LB138174
	Lead	3.51			-12	12	12/09/2025	12:32	LB138174
	Magnesium	243000	255000	95	216000	294000	12/09/2025	12:32	LB138174
	Manganese	8.08	7.0	115	-13	27	12/09/2025	12:32	LB138174
	Nickel	6.00	2.0	300	-38	42	12/09/2025	12:32	LB138174
	Potassium	101			0	0	12/09/2025	12:32	LB138174
	Selenium	1.24			-20	20	12/09/2025	12:32	LB138174
	Silver	-1.30			-10	10	12/09/2025	12:32	LB138174
	Sodium	64.9			0	0	12/09/2025	12:32	LB138174
	Thallium	28.4			-40	40	12/09/2025	12:32	LB138174
	Vanadium	5.43			-40	40	12/09/2025	12:32	LB138174
	Zinc	5.79			-40	40	12/09/2025	12:32	LB138174
ICSAB01	Aluminum	239000	247000	97	209000	285000	12/09/2025	12:37	LB138174
	Antimony	595	618	96	525	711	12/09/2025	12:37	LB138174
	Arsenic	107	104	103	88.4	120	12/09/2025	12:37	LB138174
	Barium	456	537	85	437	637	12/09/2025	12:37	LB138174
	Beryllium	468	495	94	420	570	12/09/2025	12:37	LB138174
	Cadmium	979	972	101	826	1120	12/09/2025	12:37	LB138174
	Calcium	225000	235000	96	199000	271000	12/09/2025	12:37	LB138174
	Chromium	545	542	101	460	624	12/09/2025	12:37	LB138174
	Cobalt	487	476	102	404	548	12/09/2025	12:37	LB138174
	Copper	464	511	91	434	588	12/09/2025	12:37	LB138174
	Iron	95200	99300	96	84400	114500	12/09/2025	12:37	LB138174
	Lead	53.9	49.0	110	37	61	12/09/2025	12:37	LB138174
	Magnesium	243000	248000	98	210000	286000	12/09/2025	12:37	LB138174
	Manganese	457	507	90	430	584	12/09/2025	12:37	LB138174
	Nickel	965	954	101	810	1100	12/09/2025	12:37	LB138174
	Potassium	42.5			0	0	12/09/2025	12:37	LB138174
	Selenium	49.8	46.0	108	26	66	12/09/2025	12:37	LB138174
	Silver	180	201	90	170	232	12/09/2025	12:37	LB138174
	Sodium	87.5			0	0	12/09/2025	12:37	LB138174
	Thallium	148	108	137	68	148	12/09/2025	12:37	LB138174

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech, EMI</u>	SDG No.: <u>Q3763</u>
Contract: <u>TETR16</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	465	491	95	417	565	12/09/2025	12:37	LB138174
	Zinc	1040	952	109	809	1095	12/09/2025	12:37	LB138174



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Tetra Tech, EMI</u>	level: <u>low</u>	sdg no.: <u>Q3763</u>
contract: <u>TETR16</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3763-11</u>	client id: <u>MC0KF1MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3763-12</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1020		13.7	J	1000	101		P
Antimony	ug/L	75 - 125	421		16.9	J	400	101		P
Arsenic	ug/L	75 - 125	390		10.0	U	400	98		P
Barium	ug/L	75 - 125	121		18.9	J	100	103		P
Beryllium	ug/L	75 - 125	92.5		3.00	U	100	92		P
Cadmium	ug/L	75 - 125	99.6		8.63		100	91		P
Calcium	ug/L	75 - 125	14700		13100		500	319		P
Chromium	ug/L	75 - 125	204		11.5		200	96		P
Cobalt	ug/L	75 - 125	94.6		15.0	U	100	95		P
Copper	ug/L	75 - 125	151		4.03	J	150	98		P
Iron	ug/L	75 - 125	1580		101		1500	99		P
Lead	ug/L	75 - 125	555		90.0		500	93		P
Magnesium	ug/L	75 - 125	7250		5740		1000	150		P
Manganese	ug/L	75 - 125	117		10.8		100	107		P
Nickel	ug/L	75 - 125	239		9.02	J	250	92		P
Potassium	ug/L	75 - 125	7490		2340		5000	103		P
Selenium	ug/L	75 - 125	958		10.0	U	1000	96		P
Silver	ug/L	75 - 125	20.9		5.00	U	37.5	56	N	P
Sodium	ug/L	75 - 125	2550		1020		1500	102		P
Thallium	ug/L	75 - 125	850		20.0	U	1000	85		P
Vanadium	ug/L	75 - 125	152		20.0	U	150	101		P
Zinc	ug/L	75 - 125	115		13.3	J	100	102		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Tetra Tech, EMI</u>	level: <u>low</u>	sdg no.: <u>Q3763</u>
contract: <u>TETR16</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3763-11</u>	client id: <u>MC0KF1MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3763-13</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	932		13.7	J	1000	92		P
Antimony	ug/L	75 - 125	398		16.9	J	400	95		P
Arsenic	ug/L	75 - 125	368		10.0	U	400	92		P
Barium	ug/L	75 - 125	113		18.9	J	100	94		P
Beryllium	ug/L	75 - 125	83.8		3.00	U	100	84		P
Cadmium	ug/L	75 - 125	93.4		8.63		100	85		P
Calcium	ug/L	75 - 125	13400		13100		500	69		P
Chromium	ug/L	75 - 125	202		11.5		200	95		P
Cobalt	ug/L	75 - 125	88.8		15.0	U	100	89		P
Copper	ug/L	75 - 125	143		4.03	J	150	93		P
Iron	ug/L	75 - 125	1570		101		1500	98		P
Lead	ug/L	75 - 125	523		90.0		500	87		P
Magnesium	ug/L	75 - 125	6570		5740		1000	82		P
Manganese	ug/L	75 - 125	105		10.8		100	95		P
Nickel	ug/L	75 - 125	232		9.02	J	250	89		P
Potassium	ug/L	75 - 125	7140		2340		5000	96		P
Selenium	ug/L	75 - 125	907		10.0	U	1000	91		P
Silver	ug/L	75 - 125	26.1		5.00	U	37.5	70	N	P
Sodium	ug/L	75 - 125	2450		1020		1500	95		P
Thallium	ug/L	75 - 125	820		20.0	U	1000	82		P
Vanadium	ug/L	75 - 125	139		20.0	U	150	93		P
Zinc	ug/L	75 - 125	108		13.3	J	100	95		P

Metals
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POST DIGEST SPIKE SUMMARY

Client:	<u>Tetra Tech, EMI</u>	SDG No.:	<u>Q3763</u>
Contract:	<u>TETR16</u>	Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Level:	<u>LOW</u>
Sample ID:	<u>Q3763-11</u>	Client ID:	<u>MC0KF1A</u>
	Spiked ID:	<u>Q3763-11A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Silver	ug/L	75 - 125	34.2		5.00	U	37.5	91		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech, EMI Level: LOW SDG No.: Q3763
Contract: TETR16 Lab Code: ACE
Matrix: Water Sample ID: Q3763-11 Client ID: MC0KF1DUP
Percent Solids for Sample: NA Duplicate ID Q3763-11DUP Percent Solids for Spike Sample: NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	13.7	J	18.6	J	30		P
Antimony	ug/L	20	16.9	J	16.1	J	5		P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	18.9	J	17.2	J	9		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	8.63		8.61		0		P
Calcium	ug/L	20	13100		12900		2		P
Chromium	ug/L	20	11.5		12.0		4		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	4.03	J	3.97	J	2		P
Iron	ug/L	20	101		96.3		5		P
Lead	ug/L	20	90.0		89.0		1		P
Magnesium	ug/L	20	5740		5760		0		P
Manganese	ug/L	20	10.8		10.2		6		P
Nickel	ug/L	20	9.02	J	8.83	J	2		P
Potassium	ug/L	20	2340		2390		2		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	1020		992	J	3		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	13.3	J	13.8	J	4		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech, EMI **Level:** LOW **SDG No.:** Q3763
Contract: TETR16 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3763-12 **Client ID:** MC0KF1MSD
Percent Solids for Sample: NA **Duplicate ID** Q3763-13 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1020		932		9		P
Antimony	ug/L	20	421		398		6		P
Arsenic	ug/L	20	390		368		6		P
Barium	ug/L	20	121		113		7		P
Beryllium	ug/L	20	92.5		83.8		10		P
Cadmium	ug/L	20	99.6		93.4		6		P
Calcium	ug/L	20	14700		13400		9		P
Chromium	ug/L	20	204		202		1		P
Cobalt	ug/L	20	94.6		88.8		6		P
Copper	ug/L	20	151		143		5		P
Iron	ug/L	20	1580		1570		1		P
Lead	ug/L	20	555		523		6		P
Magnesium	ug/L	20	7250		6570		10		P
Manganese	ug/L	20	117		105		11		P
Nickel	ug/L	20	239		232		3		P
Potassium	ug/L	20	7490		7140		5		P
Selenium	ug/L	20	958		907		5		P
Silver	ug/L	20	20.9		26.1		22	*	P
Sodium	ug/L	20	2550		2450		4		P
Thallium	ug/L	20	850		820		4		P
Vanadium	ug/L	20	152		139		9		P
Zinc	ug/L	20	115		108		6		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Tetra Tech, EMI</u>	SDG No.:	<u>Q3763</u>
Contract:	<u>TETR16</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170820BS							
Aluminum	ug/L	1000	933		93	80 - 120	P
Antimony	ug/L	400	399		100	80 - 120	P
Arsenic	ug/L	400	395		99	80 - 120	P
Barium	ug/L	100	88.9		89	80 - 120	P
Beryllium	ug/L	100	89.5		90	80 - 120	P
Cadmium	ug/L	100	95.4		95	80 - 120	P
Calcium	ug/L	500	474	J	95	80 - 120	P
Chromium	ug/L	200	200		100	80 - 120	P
Cobalt	ug/L	100	95.4		95	80 - 120	P
Copper	ug/L	150	152		101	80 - 120	P
Iron	ug/L	1500	1480		99	80 - 120	P
Lead	ug/L	500	467		93	80 - 120	P
Magnesium	ug/L	1000	939	J	94	80 - 120	P
Manganese	ug/L	100	91.8		92	80 - 120	P
Nickel	ug/L	250	240		96	80 - 120	P
Potassium	ug/L	5000	4870		97	80 - 120	P
Selenium	ug/L	1000	1020		102	80 - 120	P
Silver	ug/L	37.5	37.6		100	80 - 120	P
Sodium	ug/L	1500	1460		97	80 - 120	P
Thallium	ug/L	1000	997		100	80 - 120	P
Vanadium	ug/L	150	143		95	80 - 120	P
Zinc	ug/L	100	105		105	80 - 120	P

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ICP SERIAL DILUTIONS

SAMPLE NO.

MC0KF1L

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **Lb No.:** lb138174 **Lab Sample ID :** Q3763-11L **SDG No.:** Q3763
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
		C		C			
Aluminum	13.7	J	250	U	100.0		P
Antimony	16.9	J	125	U	100.0		P
Arsenic	10.0	U	50.0	U			P
Barium	18.9	J	250	U	100.0		P
Beryllium	3.00	U	15.0	U			P
Cadmium	8.63		8.95	J	4		P
Calcium	13100		12900		1		P
Chromium	11.5		11.0	J	4		P
Cobalt	15.0	U	75.0	U			P
Copper	4.03	J	50.0	U	100.0		P
Iron	101		78.7	J	22		P
Lead	90.0		91.0		1		P
Magnesium	5740		5690		1		P
Manganese	10.8		50.0	U	100.0		P
Nickel	9.02	J	9.57	J	6		P
Potassium	2340		5000	U	100.0		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	1020		5000	U	100.0		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	13.3	J	100	U	100.0		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3763

Contract: TETR16

Lab Code: ACE

Instrument ID:

Date:

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: Tetra Tech, EMI **SDG No.:** Q3763
Contract: TETR16 **Lab Code:** ACE **Method:** _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170820							
PB170820BL	PB170820BL	MB	WATER	12/04/2025	50.0	25.0	
PB170820BS	PB170820BS	LCS	WATER	12/04/2025	50.0	25.0	
Q3763-01	MC0KC9	SAM	WATER	12/04/2025	50.0	25.0	
Q3763-02	MC0KD0	SAM	WATER	12/04/2025	50.0	25.0	
Q3763-03	MC0KD1	SAM	WATER	12/04/2025	50.0	25.0	
Q3763-04	MC0KD2	SAM	WATER	12/04/2025	50.0	25.0	
Q3763-05	MC0KD7	SAM	WATER	12/04/2025	50.0	25.0	
Q3763-06	MC0KE5	SAM	WATER	12/04/2025	50.0	25.0	
Q3763-07	MC0KE6	SAM	WATER	12/04/2025	50.0	25.0	
Q3763-08	MC0KE7	SAM	WATER	12/04/2025	50.0	25.0	
Q3763-09	MC0KE8	SAM	WATER	12/04/2025	50.0	25.0	
Q3763-10	MC0KE9	SAM	WATER	12/04/2025	50.0	25.0	
Q3763-11	MC0KF1	SAM	WATER	12/04/2025	50.0	25.0	
Q3763-11DUP	MC0KF1DUP	DUP	WATER	12/04/2025	50.0	25.0	
Q3763-12	MC0KF1MS	MS	WATER	12/04/2025	50.0	25.0	
Q3763-13	MC0KF1MSD	MSD	WATER	12/04/2025	50.0	25.0	
Q3763-14	MC0KF3	SAM	WATER	12/04/2025	50.0	25.0	

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ANALYSIS RUN LOG

Client: Tetra Tech, EMI

Contract: TETR16

Lab code: ACE

Sdg no.: Q3763

Instrument id number:
Method:
Run number: LB138174

Start date: 12/09/2025

End date: 12/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1138	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1143	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1147	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1151	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1155	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1159	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1215	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1219	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1224	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1228	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1232	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1237	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1249	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1253	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1341	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1345	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1509	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1513	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1600	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1604	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170820BL	PB170820BL	1	1629	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170820BS	PB170820BS	1	1633	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-01	MC0KC9	1	1637	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-02	MC0KD0	1	1642	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-03	MC0KD1	1	1646	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1650	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1654	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-04	MC0KD2	1	1659	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-05	MC0KD7	1	1703	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-06	MC0KE5	1	1707	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-07	MC0KE6	1	1711	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-08	MC0KE7	1	1716	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-09	MC0KE8	1	1720	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-10	MC0KE9	1	1724	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-11	MC0KF1	1	1728	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-11DUP	MC0KF1DUP	1	1733	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-11L	MC0KF1L	5	1737	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1741	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1745	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-12	MC0KF1MS	1	1750	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3763-13	MC0KF1MSD	1	1754	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
- 14 -
ANALYSIS RUN LOG

Client: Tetra Tech, EMI

Contract: TETR16

Lab code: ACE

Sdg no.: Q3763

Instrument id number:

Method:

Run number: LB138174

Start date: 12/09/2025

End date: 12/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
Q3763-11A	MC0KF1A	1	1758	Ag
Q3763-14	MC0KF3	1	1802	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1831	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1836	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1930	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1934	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2037	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2041	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2127	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2131	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2217	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2222	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV12	CCV12	1	2320	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB12	CCB12	1	2325	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV13	CCV13	1	2341	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB13	CCB13	1	2345	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



SHIPPING DOCUMENTS

2 3763

USEPA CLP COC (LAB COPY)

Date Shipped: 11/25/2025 12/2/2025

Carrier Name: FedEx

Airbill No: 8866 4105 7080

CHAIN OF CUSTODY RECORD

DAS #: R37106

Cooler #:

No: 3-112525-182906-0110

Lab: Alliance Technical Group, LLC

Lab Contact: Yazmeen Gomez

Lab Phone: (908) 728-3147

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
ET-Dis-SW-01-20251125	MC0KC9	Surface Water/START	Grab	Metals(7)	3192 (HNO3, 6 C) (1)	SW-01	11/25/2025 16:30	PH # 1.0 # 13329
ET-Dis-SW-02-20251125	MC0KD0	Surface Water/START	Grab	Metals(7)	3193 (HNO3, 6 C) (1)	SW-02	11/25/2025 15:25	
ET-Dis-SW-03-20251125	MC0KD1	Surface Water/START	Grab	Metals(7)	3194 (HNO3, 6 C) (1)	SW-03	11/25/2025 15:35	
ET-Dis-SW-04-20251125	MC0KD2	Surface Water/START	Grab	Metals(7)	3195 (HNO3, 6 C) (1)	SW-04	11/25/2025 14:20	
ET-Dis-WW-01-20251125	MC0KD7	Waste Water/START	Grab	Metals(7)	3200 (HNO3, 6 C) (1)	WW-01	11/25/2025 16:10	
ET-Dis-WW-02-20251125	MC0KE5	Waste Water/START	Grab	Metals(7)	3208 (HNO3, 6 C) (1)	WW-02	11/25/2025 15:50	
ET-Dis-WW-03-20251125	MC0KE6	Waste Water/START	Grab	Metals(7)	3209 (HNO3, 6 C) (1)	WW-03	11/25/2025 16:50	
ET-Dis-WW-04-20251125	MC0KE7	Waste Water/START	Grab	Metals(7)	3210 (HNO3, 6 C) (1)	WW-04	11/25/2025 14:43	
ET-Dis-WW-05-20251125	MC0KE8	Waste Water/START	Grab	Metals(7)	3211 (HNO3, 6 C) (1)	WW-05	11/25/2025 15:07	
ET-Dis-WW-06-20251125	MC0KE9	Waste Water/START	Grab	Metals(7)	3212 (HNO3, 6 C) (1)	WW-06	11/25/2025 16:00	

Sample(s) to be used for Lab QC: ET-Dis-WW-08-20251125 Tag 3214, ET-Dis-WW-08-20251125 Tag 3221	Shipment for Case Complete? Y
	Samples Transferred From Chain of Custody #
Analysis Key: Metals=CLP ICP-AES Metals	

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
samples/testing	an/hi TT	12/2/2025 1500	cl	12/3/25 10:53	IR-Bun #1 31-C

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312