

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 : Q3764

ATTENTION : Ava Heiss



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3764

Project ID : R37106

Client : Tetra Tech, EMI

Lab Sample Number

Q3764-01
Q3764-02
Q3764-03
Q3764-04
Q3764-05
Q3764-06
Q3764-07
Q3764-08
Q3764-09
Q3764-10
Q3764-11
Q3764-12
Q3764-13
Q3764-14

Client Sample Number

MC0KD3
MC0KD4
MC0KD5
MC0KD6
MC0KD8
MC0KD9
MC0KE0
MC0KE1
MC0KE2
MC0KE4
MC0KE4MS
MC0KE4MSD
MC0KF2
MC0KF4

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 : _____

Date: 12/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Tetra Tech, EMI

Project Name: R37106

Project Manager : Ava Heiss

Order ID # Q3764

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 analysis met criteria for all compounds.

The Matrix Spike (MC0KE4MS) analysis met criteria for all compounds except for Lead due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (MC0KE4MSD) analysis met criteria for all compounds except for Lead 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.

Signature_____

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 #: Q3764

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 Castody

✓

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:	Q3764	OrderDate:	12/3/2025 12:30:00 PM
Client:	Tetra Tech, EMI	Project:	R37106
Contact:	Ava Heiss	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3764-01	MC0KD3	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3764-02	MC0KD4	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3764-03	MC0KD5	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3764-04	MC0KD6	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3764-05	MC0KD8	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3764-06	MC0KD9	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3764-07	MC0KE0	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3764-08	MC0KE1	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3764-09	MC0KE2	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3764-10	MC0KE4	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3764-13	MC0KF2	Water	Metals ICP-TAL	6010D	11/25/25	12/04/25	12/09/25	12/03/25
Q3764-14	MC0KF4	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.: Q3764
Client: Tetra Tech, EMI

Order ID: Q3764
Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MC0KD3								
Q3764-01	MC0KD3	Water	Aluminum	732		5.67	50.0	ug/L
Q3764-01	MC0KD3	Water	Antimony	77.5		3.38	25.0	ug/L
Q3764-01	MC0KD3	Water	Arsenic	22.5		2.56	10.0	ug/L
Q3764-01	MC0KD3	Water	Barium	66.1		7.28	50.0	ug/L
Q3764-01	MC0KD3	Water	Cadmium	12.8		0.25	3.00	ug/L
Q3764-01	MC0KD3	Water	Calcium	99300		117	1000	ug/L
Q3764-01	MC0KD3	Water	Chromium	7.34		1.06	5.00	ug/L
Q3764-01	MC0KD3	Water	Cobalt	4.12	J	1.13	15.0	ug/L
Q3764-01	MC0KD3	Water	Copper	160		2.30	10.0	ug/L
Q3764-01	MC0KD3	Water	Iron	3280		11.7	50.0	ug/L
Q3764-01	MC0KD3	Water	Lead	8490		1.15	6.00	ug/L
Q3764-01	MC0KD3	Water	Magnesium	17900		122	1000	ug/L
Q3764-01	MC0KD3	Water	Manganese	560		2.97	10.0	ug/L
Q3764-01	MC0KD3	Water	Nickel	12.2	J	1.53	20.0	ug/L
Q3764-01	MC0KD3	Water	Potassium	2850		459	1000	ug/L
Q3764-01	MC0KD3	Water	Sodium	19900		434	1000	ug/L
Q3764-01	MC0KD3	Water	Vanadium	3.39	J	3.13	20.0	ug/L
Q3764-01	MC0KD3	Water	Zinc	252		8.33	20.0	ug/L
Q3764-01	MC0KD3	Water	Hardness, Total	322000		795	6620	ug/L
Client ID : MC0KD4								
Q3764-02	MC0KD4	Water	Aluminum	29.7	J	5.67	50.0	ug/L
Q3764-02	MC0KD4	Water	Calcium	4560		117	1000	ug/L
Q3764-02	MC0KD4	Water	Chromium	1.28	J	1.06	5.00	ug/L
Q3764-02	MC0KD4	Water	Copper	3.15	J	2.30	10.0	ug/L
Q3764-02	MC0KD4	Water	Iron	53.7		11.7	50.0	ug/L
Q3764-02	MC0KD4	Water	Lead	11.1		1.15	6.00	ug/L
Q3764-02	MC0KD4	Water	Magnesium	381	J	122	1000	ug/L
Q3764-02	MC0KD4	Water	Zinc	591		8.33	20.0	ug/L
Q3764-02	MC0KD4	Water	Hardness, Total	13000		795	6620	ug/L
Client ID : MC0KD5								
Q3764-03	MC0KD5	Water	Aluminum	16.8	J	5.67	50.0	ug/L
Q3764-03	MC0KD5	Water	Barium	8.78	J	7.28	50.0	ug/L
Q3764-03	MC0KD5	Water	Calcium	8550		117	1000	ug/L
Q3764-03	MC0KD5	Water	Copper	2.88	J	2.30	10.0	ug/L
Q3764-03	MC0KD5	Water	Iron	29.1	J	11.7	50.0	ug/L
Q3764-03	MC0KD5	Water	Lead	25.4		1.15	6.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3764 **Order ID:** Q3764
Client: Tetra Tech, EMI **Project ID:** R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3764-03	MC0KD5	Water	Magnesium	1890		122	1000	ug/L
Q3764-03	MC0KD5	Water	Manganese	3.63	J	2.97	10.0	ug/L
Q3764-03	MC0KD5	Water	Potassium	562	J	459	1000	ug/L
Q3764-03	MC0KD5	Water	Sodium	2510		434	1000	ug/L
Q3764-03	MC0KD5	Water	Zinc	36.8		8.33	20.0	ug/L
Q3764-03	MC0KD5	Water	Hardness, Total	29100		795	6620	ug/L

Client ID : MC0KD6

Q3764-04	MC0KD6	Water	Aluminum	16.0	J	5.67	50.0	ug/L
Q3764-04	MC0KD6	Water	Antimony	12.2	J	3.38	25.0	ug/L
Q3764-04	MC0KD6	Water	Barium	20.8	J	7.28	50.0	ug/L
Q3764-04	MC0KD6	Water	Cadmium	0.84	J	0.25	3.00	ug/L
Q3764-04	MC0KD6	Water	Calcium	14200		117	1000	ug/L
Q3764-04	MC0KD6	Water	Copper	6.98	J	2.30	10.0	ug/L
Q3764-04	MC0KD6	Water	Iron	358		11.7	50.0	ug/L
Q3764-04	MC0KD6	Water	Lead	112		1.15	6.00	ug/L
Q3764-04	MC0KD6	Water	Magnesium	1610		122	1000	ug/L
Q3764-04	MC0KD6	Water	Manganese	12.6		2.97	10.0	ug/L
Q3764-04	MC0KD6	Water	Potassium	1100		459	1000	ug/L
Q3764-04	MC0KD6	Water	Selenium	5.69	J	4.82	10.0	ug/L
Q3764-04	MC0KD6	Water	Zinc	24.1		8.33	20.0	ug/L
Q3764-04	MC0KD6	Water	Hardness, Total	42100		795	6620	ug/L

Client ID : MC0KD8

Q3764-05	MC0KD8	Water	Aluminum	37.2	J	5.67	50.0	ug/L
Q3764-05	MC0KD8	Water	Antimony	26.5		3.38	25.0	ug/L
Q3764-05	MC0KD8	Water	Barium	17.9	J	7.28	50.0	ug/L
Q3764-05	MC0KD8	Water	Cadmium	66.8		0.25	3.00	ug/L
Q3764-05	MC0KD8	Water	Calcium	27100		117	1000	ug/L
Q3764-05	MC0KD8	Water	Copper	14.3		2.30	10.0	ug/L
Q3764-05	MC0KD8	Water	Iron	314		11.7	50.0	ug/L
Q3764-05	MC0KD8	Water	Lead	368		1.15	6.00	ug/L
Q3764-05	MC0KD8	Water	Magnesium	5220		122	1000	ug/L
Q3764-05	MC0KD8	Water	Manganese	23.8		2.97	10.0	ug/L
Q3764-05	MC0KD8	Water	Nickel	6.79	J	1.53	20.0	ug/L
Q3764-05	MC0KD8	Water	Potassium	1340		459	1000	ug/L
Q3764-05	MC0KD8	Water	Selenium	13.0		4.82	10.0	ug/L
Q3764-05	MC0KD8	Water	Sodium	3610		434	1000	ug/L
Q3764-05	MC0KD8	Water	Zinc	106		8.33	20.0	ug/L
Q3764-05	MC0KD8	Water	Hardness, Total	89200		795	6620	ug/L

Hit Summary Sheet SW-846

SDG No.: Q3764
Client: Tetra Tech, EMI

Order ID: Q3764
Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MC0KD9								
Q3764-06	MC0KD9	Water	Aluminum	29.5	J	5.67	50.0	ug/L
Q3764-06	MC0KD9	Water	Antimony	5.60	J	3.38	25.0	ug/L
Q3764-06	MC0KD9	Water	Barium	18.0	J	7.28	50.0	ug/L
Q3764-06	MC0KD9	Water	Calcium	66600		117	1000	ug/L
Q3764-06	MC0KD9	Water	Iron	32.9	J	11.7	50.0	ug/L
Q3764-06	MC0KD9	Water	Lead	2.26	J	1.15	6.00	ug/L
Q3764-06	MC0KD9	Water	Magnesium	13000		122	1000	ug/L
Q3764-06	MC0KD9	Water	Manganese	14.5		2.97	10.0	ug/L
Q3764-06	MC0KD9	Water	Potassium	4670		459	1000	ug/L
Q3764-06	MC0KD9	Water	Sodium	12200		434	1000	ug/L
Q3764-06	MC0KD9	Water	Zinc	17.3	J	8.33	20.0	ug/L
Q3764-06	MC0KD9	Water	Hardness, Total	220000		795	6620	ug/L
Client ID : MC0KE0								
Q3764-07	MC0KE0	Water	Aluminum	71.5		5.67	50.0	ug/L
Q3764-07	MC0KE0	Water	Antimony	4.16	J	3.38	25.0	ug/L
Q3764-07	MC0KE0	Water	Arsenic	2.74	J	2.56	10.0	ug/L
Q3764-07	MC0KE0	Water	Barium	54.3		7.28	50.0	ug/L
Q3764-07	MC0KE0	Water	Cadmium	39.4		0.25	3.00	ug/L
Q3764-07	MC0KE0	Water	Calcium	11400		117	1000	ug/L
Q3764-07	MC0KE0	Water	Chromium	6.49		1.06	5.00	ug/L
Q3764-07	MC0KE0	Water	Copper	48.8		2.30	10.0	ug/L
Q3764-07	MC0KE0	Water	Iron	509		11.7	50.0	ug/L
Q3764-07	MC0KE0	Water	Lead	6400		1.15	6.00	ug/L
Q3764-07	MC0KE0	Water	Magnesium	502	J	122	1000	ug/L
Q3764-07	MC0KE0	Water	Manganese	150		2.97	10.0	ug/L
Q3764-07	MC0KE0	Water	Nickel	24.7		1.53	20.0	ug/L
Q3764-07	MC0KE0	Water	Potassium	2190		459	1000	ug/L
Q3764-07	MC0KE0	Water	Sodium	1260		434	1000	ug/L
Q3764-07	MC0KE0	Water	Thallium	2.40	J	2.19	20.0	ug/L
Q3764-07	MC0KE0	Water	Zinc	234		8.33	20.0	ug/L
Q3764-07	MC0KE0	Water	Hardness, Total	30500		795	6620	ug/L
Client ID : MC0KE1								
Q3764-08	MC0KE1	Water	Aluminum	968		5.67	50.0	ug/L
Q3764-08	MC0KE1	Water	Antimony	241		3.38	25.0	ug/L
Q3764-08	MC0KE1	Water	Arsenic	77.1		2.56	10.0	ug/L
Q3764-08	MC0KE1	Water	Barium	48.0	J	7.28	50.0	ug/L
Q3764-08	MC0KE1	Water	Cadmium	437		0.25	3.00	ug/L
Q3764-08	MC0KE1	Water	Calcium	15800		117	1000	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3764
Client: Tetra Tech, EMI

Order ID: Q3764
Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3764-08	MC0KE1	Water	Chromium	39.3		1.06	5.00	ug/L
Q3764-08	MC0KE1	Water	Cobalt	1.79	J	1.13	15.0	ug/L
Q3764-08	MC0KE1	Water	Copper	535		2.30	10.0	ug/L
Q3764-08	MC0KE1	Water	Iron	7550		11.7	50.0	ug/L
Q3764-08	MC0KE1	Water	Lead	21100		1.15	6.00	ug/L
Q3764-08	MC0KE1	Water	Magnesium	6400		122	1000	ug/L
Q3764-08	MC0KE1	Water	Manganese	109		2.97	10.0	ug/L
Q3764-08	MC0KE1	Water	Nickel	46.4		1.53	20.0	ug/L
Q3764-08	MC0KE1	Water	Potassium	1590		459	1000	ug/L
Q3764-08	MC0KE1	Water	Selenium	11.9		4.82	10.0	ug/L
Q3764-08	MC0KE1	Water	Sodium	1270		434	1000	ug/L
Q3764-08	MC0KE1	Water	Thallium	5.09	J	2.19	20.0	ug/L
Q3764-08	MC0KE1	Water	Zinc	754		8.33	20.0	ug/L
Q3764-08	MC0KE1	Water	Hardness, Total	65800		795	6620	ug/L
Client ID : MC0KE2								
Q3764-09	MC0KE2	Water	Aluminum	6.62	J	5.67	50.0	ug/L
Q3764-09	MC0KE2	Water	Antimony	16.1	J	3.38	25.0	ug/L
Q3764-09	MC0KE2	Water	Arsenic	4.68	J	2.56	10.0	ug/L
Q3764-09	MC0KE2	Water	Barium	13.5	J	7.28	50.0	ug/L
Q3764-09	MC0KE2	Water	Cadmium	24.6		0.25	3.00	ug/L
Q3764-09	MC0KE2	Water	Calcium	10500		117	1000	ug/L
Q3764-09	MC0KE2	Water	Cobalt	2.44	J	1.13	15.0	ug/L
Q3764-09	MC0KE2	Water	Copper	7.16	J	2.30	10.0	ug/L
Q3764-09	MC0KE2	Water	Iron	771		11.7	50.0	ug/L
Q3764-09	MC0KE2	Water	Lead	123		1.15	6.00	ug/L
Q3764-09	MC0KE2	Water	Magnesium	1320		122	1000	ug/L
Q3764-09	MC0KE2	Water	Manganese	895		2.97	10.0	ug/L
Q3764-09	MC0KE2	Water	Nickel	3.15	J	1.53	20.0	ug/L
Q3764-09	MC0KE2	Water	Potassium	2710		459	1000	ug/L
Q3764-09	MC0KE2	Water	Sodium	3270		434	1000	ug/L
Q3764-09	MC0KE2	Water	Thallium	2.94	J	2.19	20.0	ug/L
Q3764-09	MC0KE2	Water	Zinc	204		8.33	20.0	ug/L
Q3764-09	MC0KE2	Water	Hardness, Total	31700		795	6620	ug/L
Client ID : MC0KE4								
Q3764-10	MC0KE4	Water	Aluminum	43.8	J	5.67	50.0	ug/L
Q3764-10	MC0KE4	Water	Antimony	18.7	J	3.38	25.0	ug/L
Q3764-10	MC0KE4	Water	Barium	18.6	J	7.28	50.0	ug/L
Q3764-10	MC0KE4	Water	Cadmium	10.2		0.25	3.00	ug/L
Q3764-10	MC0KE4	Water	Calcium	13200		117	1000	ug/L

Hit Summary Sheet SW-846

SDG No.: Q3764

Order ID: Q3764

Client: Tetra Tech, EMI

Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3764-10	MC0KE4	Water	Copper	5.46	J	2.30	10.0	ug/L
Q3764-10	MC0KE4	Water	Iron	249		11.7	50.0	ug/L
Q3764-10	MC0KE4	Water	Lead	209		1.15	6.00	ug/L
Q3764-10	MC0KE4	Water	Magnesium	5970		122	1000	ug/L
Q3764-10	MC0KE4	Water	Manganese	17.0		2.97	10.0	ug/L
Q3764-10	MC0KE4	Water	Nickel	3.85	J	1.53	20.0	ug/L
Q3764-10	MC0KE4	Water	Potassium	2350		459	1000	ug/L
Q3764-10	MC0KE4	Water	Sodium	925	J	434	1000	ug/L
Q3764-10	MC0KE4	Water	Thallium	2.26	J	2.19	20.0	ug/L
Q3764-10	MC0KE4	Water	Zinc	19.2	J	8.33	20.0	ug/L
Q3764-10	MC0KE4	Water	Hardness, Total	57500		795	6620	ug/L

Client ID : MC0KF2

Q3764-13	MC0KF2	Water	Aluminum	38.4	J	5.67	50.0	ug/L
Q3764-13	MC0KF2	Water	Antimony	25.5		3.38	25.0	ug/L
Q3764-13	MC0KF2	Water	Arsenic	2.89	J	2.56	10.0	ug/L
Q3764-13	MC0KF2	Water	Barium	31.3	J	7.28	50.0	ug/L
Q3764-13	MC0KF2	Water	Cadmium	50.5		0.25	3.00	ug/L
Q3764-13	MC0KF2	Water	Calcium	36900		117	1000	ug/L
Q3764-13	MC0KF2	Water	Copper	11.3		2.30	10.0	ug/L
Q3764-13	MC0KF2	Water	Iron	329		11.7	50.0	ug/L
Q3764-13	MC0KF2	Water	Lead	247		1.15	6.00	ug/L
Q3764-13	MC0KF2	Water	Magnesium	6900		122	1000	ug/L
Q3764-13	MC0KF2	Water	Manganese	65.5		2.97	10.0	ug/L
Q3764-13	MC0KF2	Water	Nickel	5.92	J	1.53	20.0	ug/L
Q3764-13	MC0KF2	Water	Potassium	1690		459	1000	ug/L
Q3764-13	MC0KF2	Water	Selenium	9.52	J	4.82	10.0	ug/L
Q3764-13	MC0KF2	Water	Sodium	6640		434	1000	ug/L
Q3764-13	MC0KF2	Water	Thallium	4.30	J	2.19	20.0	ug/L
Q3764-13	MC0KF2	Water	Zinc	90.8		8.33	20.0	ug/L
Q3764-13	MC0KF2	Water	Hardness, Total	121000		795	6620	ug/L

Client ID : MC0KF4

Q3764-14	MC0KF4	Water	Aluminum	70.8		5.67	50.0	ug/L
Q3764-14	MC0KF4	Water	Antimony	5.47	J	3.38	25.0	ug/L
Q3764-14	MC0KF4	Water	Barium	52.6		7.28	50.0	ug/L
Q3764-14	MC0KF4	Water	Cadmium	40.1		0.25	3.00	ug/L
Q3764-14	MC0KF4	Water	Calcium	11200		117	1000	ug/L
Q3764-14	MC0KF4	Water	Chromium	6.76		1.06	5.00	ug/L
Q3764-14	MC0KF4	Water	Cobalt	1.19	J	1.13	15.0	ug/L
Q3764-14	MC0KF4	Water	Copper	49.3		2.30	10.0	ug/L

Hit Summary Sheet
SW-846

SDG No.:	Q3764	Order ID:	Q3764
Client:	Tetra Tech, EMI	Project ID:	R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3764-14	MC0KF4	Water	Iron	506		11.7	50.0	ug/L
Q3764-14	MC0KF4	Water	Lead	6510		1.15	6.00	ug/L
Q3764-14	MC0KF4	Water	Magnesium	514	J	122	1000	ug/L
Q3764-14	MC0KF4	Water	Manganese	144		2.97	10.0	ug/L
Q3764-14	MC0KF4	Water	Nickel	25.2		1.53	20.0	ug/L
Q3764-14	MC0KF4	Water	Potassium	2280		459	1000	ug/L
Q3764-14	MC0KF4	Water	Sodium	1270		434	1000	ug/L
Q3764-14	MC0KF4	Water	Thallium	3.05	J	2.19	20.0	ug/L
Q3764-14	MC0KF4	Water	Zinc	243		8.33	20.0	ug/L
Q3764-14	MC0KF4	Water	Hardness, Total	30100		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: MC0KD3
Lab Sample ID: Q3764-01
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3764
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	732		1	5.67	50.0	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-36-0	Antimony	77.5		1	3.38	25.0	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-38-2	Arsenic	22.5		1	2.56	10.0	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-39-3	Barium	66.1		1	7.28	50.0	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-43-9	Cadmium	12.8		1	0.25	3.00	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-70-2	Calcium	99300		1	117	1000	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-47-3	Chromium	7.34		1	1.06	5.00	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-48-4	Cobalt	4.12	J	1	1.13	15.0	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-50-8	Copper	160		1	2.30	10.0	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
Hardness	Hardness, Total	322000		1	795	6620	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7439-89-6	Iron	3280		1	11.7	50.0	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7439-92-1	Lead	8490	N	1	1.15	6.00	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7439-95-4	Magnesium	17900		1	122	1000	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7439-96-5	Manganese	560		1	2.97	10.0	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-02-0	Nickel	12.2	J	1	1.53	20.0	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-09-7	Potassium	2850		1	459	1000	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-23-5	Sodium	19900		1	434	1000	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-62-2	Vanadium	3.39	J	1	3.13	20.0	ug/L	12/04/25 11:35	12/09/25 15:00	6010D	M3010A
7440-66-6	Zinc	252		1	8.33	20.0	ug/L	12/04/25 11:35	12/09/25 15:00	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: MC0KD4
Lab Sample ID: Q3764-02
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3764
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	29.7	J	1	5.67	50.0	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-39-3	Barium	7.28	U	1	7.28	50.0	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-70-2	Calcium	4560		1	117	1000	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-47-3	Chromium	1.28	J	1	1.06	5.00	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-50-8	Copper	3.15	J	1	2.30	10.0	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
Hardness	Hardness, Total	13000		1	795	6620	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7439-89-6	Iron	53.7		1	11.7	50.0	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7439-92-1	Lead	11.1	N	1	1.15	6.00	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7439-95-4	Magnesium	381	J	1	122	1000	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7439-96-5	Manganese	2.97	U	1	2.97	10.0	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-09-7	Potassium	459	U	1	459	1000	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-23-5	Sodium	434	U	1	434	1000	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 11:35	12/09/25 15:04	6010D	M3010A
7440-66-6	Zinc	591		1	8.33	20.0	ug/L	12/04/25 11:35	12/09/25 15:04	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: MC0KD5
Lab Sample ID: Q3764-03
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3764
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	16.8	J	1	5.67	50.0	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-39-3	Barium	8.78	J	1	7.28	50.0	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-70-2	Calcium	8550		1	117	1000	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-50-8	Copper	2.88	J	1	2.30	10.0	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
Hardness	Hardness, Total	29100		1	795	6620	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7439-89-6	Iron	29.1	J	1	11.7	50.0	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7439-92-1	Lead	25.4	N	1	1.15	6.00	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7439-95-4	Magnesium	1890		1	122	1000	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7439-96-5	Manganese	3.63	J	1	2.97	10.0	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-09-7	Potassium	562	J	1	459	1000	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-23-5	Sodium	2510		1	434	1000	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 11:35	12/09/25 15:17	6010D	M3010A
7440-66-6	Zinc	36.8		1	8.33	20.0	ug/L	12/04/25 11:35	12/09/25 15:17	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: MC0KD6
Lab Sample ID: Q3764-04
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3764
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	16.0	J	1	5.67	50.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-36-0	Antimony	12.2	J	1	3.38	25.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-39-3	Barium	20.8	J	1	7.28	50.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-43-9	Cadmium	0.84	J	1	0.25	3.00	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-70-2	Calcium	14200		1	117	1000	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-50-8	Copper	6.98	J	1	2.30	10.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
Hardness	Hardness, Total	42100		1	795	6620	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7439-89-6	Iron	358		1	11.7	50.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7439-92-1	Lead	112	N	1	1.15	6.00	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7439-95-4	Magnesium	1610		1	122	1000	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7439-96-5	Manganese	12.6		1	2.97	10.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-09-7	Potassium	1100		1	459	1000	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7782-49-2	Selenium	5.69	J	1	4.82	10.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-23-5	Sodium	434	U	1	434	1000	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A
7440-66-6	Zinc	24.1		1	8.33	20.0	ug/L	12/04/25 11:35	12/09/25 15:22	6010D	M3010A

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Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KD8
Lab Sample ID: Q3764-05
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3764
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	37.2	J	1	5.67	50.0	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-36-0	Antimony	26.5		1	3.38	25.0	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-39-3	Barium	17.9	J	1	7.28	50.0	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-43-9	Cadmium	66.8		1	0.25	3.00	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-70-2	Calcium	27100		1	117	1000	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-50-8	Copper	14.3		1	2.30	10.0	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
Hardness	Hardness, Total	89200		1	795	6620	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7439-89-6	Iron	314		1	11.7	50.0	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7439-92-1	Lead	368	N	1	1.15	6.00	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7439-95-4	Magnesium	5220		1	122	1000	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7439-96-5	Manganese	23.8		1	2.97	10.0	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-02-0	Nickel	6.79	J	1	1.53	20.0	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-09-7	Potassium	1340		1	459	1000	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7782-49-2	Selenium	13.0		1	4.82	10.0	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-23-5	Sodium	3610		1	434	1000	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 11:35	12/09/25 15:26	6010D	M3010A
7440-66-6	Zinc	106		1	8.33	20.0	ug/L	12/04/25 11:35	12/09/25 15:26	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: MC0KD9
Lab Sample ID: Q3764-06
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3764
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	29.5	J	1	5.67	50.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-36-0	Antimony	5.60	J	1	3.38	25.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-39-3	Barium	18.0	J	1	7.28	50.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-70-2	Calcium	66600		1	117	1000	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
Hardness	Hardness, Total	220000		1	795	6620	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7439-89-6	Iron	32.9	J	1	11.7	50.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7439-92-1	Lead	2.26	JN	1	1.15	6.00	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7439-95-4	Magnesium	13000		1	122	1000	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7439-96-5	Manganese	14.5		1	2.97	10.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-09-7	Potassium	4670		1	459	1000	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-23-5	Sodium	12200		1	434	1000	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A
7440-66-6	Zinc	17.3	J	1	8.33	20.0	ug/L	12/04/25 11:35	12/09/25 15:30	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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: MC0KE0
Lab Sample ID: Q3764-07
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3764
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	71.5		1	5.67	50.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-36-0	Antimony	4.16	J	1	3.38	25.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-38-2	Arsenic	2.74	J	1	2.56	10.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-39-3	Barium	54.3		1	7.28	50.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-43-9	Cadmium	39.4		1	0.25	3.00	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-70-2	Calcium	11400		1	117	1000	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-47-3	Chromium	6.49		1	1.06	5.00	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-50-8	Copper	48.8		1	2.30	10.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
Hardness	Hardness, Total	30500		1	795	6620	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7439-89-6	Iron	509		1	11.7	50.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7439-92-1	Lead	6400	N	1	1.15	6.00	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7439-95-4	Magnesium	502	J	1	122	1000	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7439-96-5	Manganese	150		1	2.97	10.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-02-0	Nickel	24.7		1	1.53	20.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-09-7	Potassium	2190		1	459	1000	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-23-5	Sodium	1260		1	434	1000	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-28-0	Thallium	2.40	J	1	2.19	20.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A
7440-66-6	Zinc	234		1	8.33	20.0	ug/L	12/04/25 11:35	12/09/25 15:34	6010D	M3010A

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LOD = Limit of Detection

D = Dilution

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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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: MC0KE1
Lab Sample ID: Q3764-08
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3764
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	968		1	5.67	50.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-36-0	Antimony	241		1	3.38	25.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-38-2	Arsenic	77.1		1	2.56	10.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-39-3	Barium	48.0	J	1	7.28	50.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-43-9	Cadmium	437		1	0.25	3.00	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-70-2	Calcium	15800		1	117	1000	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-47-3	Chromium	39.3		1	1.06	5.00	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-48-4	Cobalt	1.79	J	1	1.13	15.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-50-8	Copper	535		1	2.30	10.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
Hardness	Hardness, Total	65800		1	795	6620	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7439-89-6	Iron	7550		1	11.7	50.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7439-92-1	Lead	21100	N	1	1.15	6.00	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7439-95-4	Magnesium	6400		1	122	1000	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7439-96-5	Manganese	109		1	2.97	10.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-02-0	Nickel	46.4		1	1.53	20.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-09-7	Potassium	1590		1	459	1000	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7782-49-2	Selenium	11.9		1	4.82	10.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-23-5	Sodium	1270		1	434	1000	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-28-0	Thallium	5.09	J	1	2.19	20.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A
7440-66-6	Zinc	754		1	8.33	20.0	ug/L	12/04/25 11:35	12/09/25 15:39	6010D	M3010A

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LOD = Limit of Detection

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J = Estimated Value

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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: MC0KE2
Lab Sample ID: Q3764-09
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3764
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	6.62	J	1	5.67	50.0	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-36-0	Antimony	16.1	J	1	3.38	25.0	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-38-2	Arsenic	4.68	J	1	2.56	10.0	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-39-3	Barium	13.5	J	1	7.28	50.0	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-43-9	Cadmium	24.6		1	0.25	3.00	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-70-2	Calcium	10500		1	117	1000	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-48-4	Cobalt	2.44	J	1	1.13	15.0	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-50-8	Copper	7.16	J	1	2.30	10.0	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
Hardness	Hardness, Total	31700		1	795	6620	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7439-89-6	Iron	771		1	11.7	50.0	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7439-92-1	Lead	123	N	1	1.15	6.00	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7439-95-4	Magnesium	1320		1	122	1000	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7439-96-5	Manganese	895		1	2.97	10.0	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-02-0	Nickel	3.15	J	1	1.53	20.0	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-09-7	Potassium	2710		1	459	1000	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-23-5	Sodium	3270		1	434	1000	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-28-0	Thallium	2.94	J	1	2.19	20.0	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 11:35	12/09/25 15:43	6010D	M3010A
7440-66-6	Zinc	204		1	8.33	20.0	ug/L	12/04/25 11:35	12/09/25 15:43	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

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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: MC0KE4
Lab Sample ID: Q3764-10
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3764
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	43.8	J	1	5.67	50.0	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-36-0	Antimony	18.7	J	1	3.38	25.0	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-39-3	Barium	18.6	J	1	7.28	50.0	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-43-9	Cadmium	10.2		1	0.25	3.00	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-70-2	Calcium	13200		1	117	1000	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-50-8	Copper	5.46	J	1	2.30	10.0	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
Hardness	Hardness, Total	57500		1	795	6620	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7439-89-6	Iron	249		1	11.7	50.0	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7439-92-1	Lead	209	N	1	1.15	6.00	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7439-95-4	Magnesium	5970		1	122	1000	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7439-96-5	Manganese	17.0		1	2.97	10.0	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-02-0	Nickel	3.85	J	1	1.53	20.0	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-09-7	Potassium	2350		1	459	1000	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-23-5	Sodium	925	J	1	434	1000	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-28-0	Thallium	2.26	J	1	2.19	20.0	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 11:35	12/09/25 15:47	6010D	M3010A
7440-66-6	Zinc	19.2	J	1	8.33	20.0	ug/L	12/04/25 11:35	12/09/25 15:47	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: MC0KF2
Lab Sample ID: Q3764-13
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3764
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	38.4	J	1	5.67	50.0	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-36-0	Antimony	25.5		1	3.38	25.0	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-38-2	Arsenic	2.89	J	1	2.56	10.0	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-39-3	Barium	31.3	J	1	7.28	50.0	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-43-9	Cadmium	50.5		1	0.25	3.00	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-70-2	Calcium	36900		1	117	1000	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-50-8	Copper	11.3		1	2.30	10.0	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
Hardness	Hardness, Total	121000		1	795	6620	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7439-89-6	Iron	329		1	11.7	50.0	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7439-92-1	Lead	247	N	1	1.15	6.00	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7439-95-4	Magnesium	6900		1	122	1000	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7439-96-5	Manganese	65.5		1	2.97	10.0	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-02-0	Nickel	5.92	J	1	1.53	20.0	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-09-7	Potassium	1690		1	459	1000	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7782-49-2	Selenium	9.52	J	1	4.82	10.0	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-23-5	Sodium	6640		1	434	1000	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-28-0	Thallium	4.30	J	1	2.19	20.0	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 11:35	12/09/25 16:21	6010D	M3010A
7440-66-6	Zinc	90.8		1	8.33	20.0	ug/L	12/04/25 11:35	12/09/25 16:21	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: MC0KF4
Lab Sample ID: Q3764-14
Level (low/med): low

Date Collected: 11/25/25
Date Received: 12/03/25
SDG No.: Q3764
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	70.8		1	5.67	50.0	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-36-0	Antimony	5.47	J	1	3.38	25.0	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-39-3	Barium	52.6		1	7.28	50.0	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-43-9	Cadmium	40.1		1	0.25	3.00	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-70-2	Calcium	11200		1	117	1000	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-47-3	Chromium	6.76		1	1.06	5.00	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-48-4	Cobalt	1.19	J	1	1.13	15.0	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-50-8	Copper	49.3		1	2.30	10.0	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
Hardness	Hardness, Total	30100		1	795	6620	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7439-89-6	Iron	506		1	11.7	50.0	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7439-92-1	Lead	6510	N	1	1.15	6.00	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7439-95-4	Magnesium	514	J	1	122	1000	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7439-96-5	Manganese	144		1	2.97	10.0	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-02-0	Nickel	25.2		1	1.53	20.0	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-09-7	Potassium	2280		1	459	1000	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-23-5	Sodium	1270		1	434	1000	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-28-0	Thallium	3.05	J	1	2.19	20.0	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/04/25 11:35	12/09/25 16:25	6010D	M3010A
7440-66-6	Zinc	243		1	8.33	20.0	ug/L	12/04/25 11:35	12/09/25 16:25	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.: Q3764

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.: Q3764

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.: Q3764
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.: Q3764

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
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3764
Lab Code: ACE

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
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3764
Lab Code: ACE

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

SDG No.: Q3764

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
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.: Q3764
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
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3764
Lab Code: ACE

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.: Q3764
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.: Q3764

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

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CRDL STANDARD FOR AA & ICP

Client: Tetra Tech, EMI

SDG No.: Q3764

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



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3764

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.: Q3764

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.: Q3764

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.: Q3764

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.: Q3764

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.: Q3764

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.: Q3764
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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3764

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	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

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI **SDG No.:** Q3764
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
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PREPARATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3764

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170827BL	WATER			Batch Number:	PB170827		Prep Date:	12/04/2025	
	Aluminum	5.67	<25	U	50.0	P	12/09/2025	14:52	LB138174
	Antimony	3.38	<12.5	U	25.0	P	12/09/2025	14:52	LB138174
	Arsenic	2.56	<5	U	10.0	P	12/09/2025	14:52	LB138174
	Barium	7.28	<25	U	50.0	P	12/09/2025	14:52	LB138174
	Beryllium	0.28	<1.5	U	3.00	P	12/09/2025	14:52	LB138174
	Cadmium	0.25	<1.5	U	3.00	P	12/09/2025	14:52	LB138174
	Calcium	117	<500	U	1000	P	12/09/2025	14:52	LB138174
	Chromium	1.06	<2.5	U	5.00	P	12/09/2025	14:52	LB138174
	Cobalt	1.13	<7.5	U	15.0	P	12/09/2025	14:52	LB138174
	Copper	2.30	<5	U	10.0	P	12/09/2025	14:52	LB138174
	Iron	11.7	<25	U	50.0	P	12/09/2025	14:52	LB138174
	Lead	1.15	<3	U	6.00	P	12/09/2025	14:52	LB138174
	Magnesium	122	<500	U	1000	P	12/09/2025	14:52	LB138174
	Manganese	2.97	<5	U	10.0	P	12/09/2025	14:52	LB138174
	Nickel	1.53	<10	U	20.0	P	12/09/2025	14:52	LB138174
	Potassium	459	<500	U	1000	P	12/09/2025	14:52	LB138174
	Selenium	4.82	<5	U	10.0	P	12/09/2025	14:52	LB138174
	Silver	0.81	<2.5	U	5.00	P	12/09/2025	14:52	LB138174
	Sodium	434	<500	U	1000	P	12/09/2025	14:52	LB138174
	Thallium	2.19	<10	U	20.0	P	12/09/2025	14:52	LB138174
	Vanadium	3.13	<10	U	20.0	P	12/09/2025	14:52	LB138174
	Zinc	8.33	<10	U	20.0	P	12/09/2025	14:52	LB138174

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech, EMI</u>	SDG No.: <u>Q3764</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
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INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech, EMI</u>	SDG No.: <u>Q3764</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
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MATRIX SPIKE SUMMARY

client: <u>Tetra Tech, EMI</u>	level: <u>low</u>	sdg no.: <u>Q3764</u>
contract: <u>TETR16</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3764-10</u>	client id: <u>MC0KE4MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3764-11</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	913		43.8	J	1000	87		P
Antimony	ug/L	75 - 125	381		18.7	J	400	90		P
Arsenic	ug/L	75 - 125	364		10.0	U	400	91		P
Barium	ug/L	75 - 125	102		18.6	J	100	84		P
Beryllium	ug/L	75 - 125	83.9		3.00	U	100	84		P
Cadmium	ug/L	75 - 125	92.0		10.2		100	82		P
Calcium	ug/L	75 - 125	12500		13200		500	-151		P
Chromium	ug/L	75 - 125	184		5.00	U	200	92		P
Cobalt	ug/L	75 - 125	86.2		15.0	U	100	86		P
Copper	ug/L	75 - 125	138		5.46	J	150	88		P
Iron	ug/L	75 - 125	1400		249		1500	76		P
Lead	ug/L	75 - 125	530		209		500	64	N	P
Magnesium	ug/L	75 - 125	6270		5970		1000	31		P
Manganese	ug/L	75 - 125	96.8		17.0		100	80		P
Nickel	ug/L	75 - 125	215		3.85	J	250	85		P
Potassium	ug/L	75 - 125	6560		2350		5000	84		P
Selenium	ug/L	75 - 125	889		10.0	U	1000	89		P
Silver	ug/L	75 - 125	32.6		5.00	U	37.5	87		P
Sodium	ug/L	75 - 125	2150		925	J	1500	81		P
Thallium	ug/L	75 - 125	891		2.26	J	1000	89		P
Vanadium	ug/L	75 - 125	136		20.0	U	150	91		P
Zinc	ug/L	75 - 125	104		19.2	J	100	85		P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Tetra Tech, EMI</u>	level: <u>low</u>	sdg no.: <u>Q3764</u>
contract: <u>TETR16</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3764-10</u>	client id: <u>MC0KE4MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3764-12</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	971		43.8	J	1000	93		P
Antimony	ug/L	75 - 125	415		18.7	J	400	99		P
Arsenic	ug/L	75 - 125	394		10.0	U	400	98		P
Barium	ug/L	75 - 125	111		18.6	J	100	92		P
Beryllium	ug/L	75 - 125	86.4		3.00	U	100	86		P
Cadmium	ug/L	75 - 125	100		10.2		100	90		P
Calcium	ug/L	75 - 125	13600		13200		500	77		P
Chromium	ug/L	75 - 125	200		5.00	U	200	100		P
Cobalt	ug/L	75 - 125	93.9		15.0	U	100	94		P
Copper	ug/L	75 - 125	150		5.46	J	150	96		P
Iron	ug/L	75 - 125	1610		249		1500	91		P
Lead	ug/L	75 - 125	579		209		500	74	N	P
Magnesium	ug/L	75 - 125	6770		5970		1000	81		P
Manganese	ug/L	75 - 125	105		17.0		100	88		P
Nickel	ug/L	75 - 125	234		3.85	J	250	92		P
Potassium	ug/L	75 - 125	7430		2350		5000	101		P
Selenium	ug/L	75 - 125	971		10.0	U	1000	97		P
Silver	ug/L	75 - 125	36.1		5.00	U	37.5	96		P
Sodium	ug/L	75 - 125	2430		925	J	1500	100		P
Thallium	ug/L	75 - 125	952		2.26	J	1000	95		P
Vanadium	ug/L	75 - 125	145		20.0	U	150	97		P
Zinc	ug/L	75 - 125	115		19.2	J	100	96		P

Metals
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POST DIGEST SPIKE SUMMARY

Client:	<u>Tetra Tech, EMI</u>	SDG No.:	<u>Q3764</u>
Contract:	<u>TETR16</u>	Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Level:	<u>LOW</u>
Sample ID:	<u>Q3764-10</u>	Client ID:	<u>MC0KE4A</u>
	Spiked ID:	<u>Q3764-10A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Lead	ug/L	75 - 125	634		209		500	85		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech, EMI **Level:** LOW **SDG No.:** Q3764
Contract: TETR16 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3764-10 **Client ID:** MC0KE4DUP
Percent Solids for Sample: NA **Duplicate ID** Q3764-10DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	43.8	J	39.3	J	11		P
Antimony	ug/L	20	18.7	J	18.2	J	3		P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	18.6	J	18.7	J	1		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	10.2		10.2		0		P
Calcium	ug/L	20	13200		13400		2		P
Chromium	ug/L	20	5.00	U	5.00	U			P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	5.46	J	5.73	J	5		P
Iron	ug/L	20	249		256		3		P
Lead	ug/L	20	209		209		0		P
Magnesium	ug/L	20	5970		5990		0		P
Manganese	ug/L	20	17.0		17.4		2		P
Nickel	ug/L	20	3.85	J	3.72	J	3		P
Potassium	ug/L	20	2350		2380		1		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	925	J	965	J	4		P
Thallium	ug/L	20	2.26	J	20.0	U	200.0		P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	19.2	J	19.0	J	1		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.:** Q3764
Contract: TETR16 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3764-11 **Client ID:** MC0KE4MSD
Percent Solids for Sample: NA **Duplicate ID** Q3764-12 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	913		971		6		P
Antimony	ug/L	20	381		415		9		P
Arsenic	ug/L	20	364		394		8		P
Barium	ug/L	20	102		111		8		P
Beryllium	ug/L	20	83.9		86.4		3		P
Cadmium	ug/L	20	92.0		100		8		P
Calcium	ug/L	20	12500		13600		8		P
Chromium	ug/L	20	184		200		8		P
Cobalt	ug/L	20	86.2		93.9		9		P
Copper	ug/L	20	138		150		8		P
Iron	ug/L	20	1400		1610		14		P
Lead	ug/L	20	530		579		9		P
Magnesium	ug/L	20	6270		6770		8		P
Manganese	ug/L	20	96.8		105		8		P
Nickel	ug/L	20	215		234		8		P
Potassium	ug/L	20	6560		7430		12		P
Selenium	ug/L	20	889		971		9		P
Silver	ug/L	20	32.6		36.1		10		P
Sodium	ug/L	20	2150		2430		12		P
Thallium	ug/L	20	891		952		7		P
Vanadium	ug/L	20	136		145		6		P
Zinc	ug/L	20	104		115		10		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>Q3764</u>
Contract:	<u>TETR16</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170827BS							
Aluminum	ug/L	1000	978		98	80 - 120	P
Antimony	ug/L	400	413		103	80 - 120	P
Arsenic	ug/L	400	408		102	80 - 120	P
Barium	ug/L	100	92.7		93	80 - 120	P
Beryllium	ug/L	100	97.2		97	80 - 120	P
Cadmium	ug/L	100	98.7		99	80 - 120	P
Calcium	ug/L	500	495	J	99	80 - 120	P
Chromium	ug/L	200	202		101	80 - 120	P
Cobalt	ug/L	100	98.6		99	80 - 120	P
Copper	ug/L	150	158		105	80 - 120	P
Iron	ug/L	1500	1460		97	80 - 120	P
Lead	ug/L	500	486		97	80 - 120	P
Magnesium	ug/L	1000	983	J	98	80 - 120	P
Manganese	ug/L	100	95.6		96	80 - 120	P
Nickel	ug/L	250	248		99	80 - 120	P
Potassium	ug/L	5000	4910		98	80 - 120	P
Selenium	ug/L	1000	1060		106	80 - 120	P
Silver	ug/L	37.5	38.3		102	80 - 120	P
Sodium	ug/L	1500	1500		100	80 - 120	P
Thallium	ug/L	1000	1010		101	80 - 120	P
Vanadium	ug/L	150	146		97	80 - 120	P
Zinc	ug/L	100	105		105	80 - 120	P

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ICP SERIAL DILUTIONS

SAMPLE NO.

MC0KE4L

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **Lb No.:** lb138174 **Lab Sample ID :** Q3764-10L **SDG No.:** Q3764
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	43.8	J	38.8	J	11		P
Antimony	18.7	J	20.4	J	9		P
Arsenic	10.0	U	50.0	U			P
Barium	18.6	J	250	U	100.0		P
Beryllium	3.00	U	15.0	U			P
Cadmium	10.2		10.1	J	1		P
Calcium	13200		13400		2		P
Chromium	5.00	U	25.0	U			P
Cobalt	15.0	U	75.0	U			P
Copper	5.46	J	50.0	U	100.0		P
Iron	249		258		4		P
Lead	209		208		0		P
Magnesium	5970		5970		0		P
Manganese	17.0		18.2	J	7		P
Nickel	3.85	J	100	U	100.0		P
Potassium	2350		2500	J	6		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	925	J	5000	U	100.0		P
Thallium	2.26	J	12.3	J	442		P
Vanadium	20.0	U	100	U			P
Zinc	19.2	J	100	U	100.0		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3764

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:				
		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

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3764

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:				
		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.: Q3764

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3764

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 INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3764

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:				
		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.:** Q3764
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: PB170827							
PB170827BL	PB170827BL	MB	WATER	12/04/2025	50.0	25.0	
PB170827BS	PB170827BS	LCS	WATER	12/04/2025	50.0	25.0	
Q3764-01	MC0KD3	SAM	WATER	12/04/2025	50.0	25.0	
Q3764-02	MC0KD4	SAM	WATER	12/04/2025	50.0	25.0	
Q3764-03	MC0KD5	SAM	WATER	12/04/2025	50.0	25.0	
Q3764-04	MC0KD6	SAM	WATER	12/04/2025	50.0	25.0	
Q3764-05	MC0KD8	SAM	WATER	12/04/2025	50.0	25.0	
Q3764-06	MC0KD9	SAM	WATER	12/04/2025	50.0	25.0	
Q3764-07	MC0KE0	SAM	WATER	12/04/2025	50.0	25.0	
Q3764-08	MC0KE1	SAM	WATER	12/04/2025	50.0	25.0	
Q3764-09	MC0KE2	SAM	WATER	12/04/2025	50.0	25.0	
Q3764-10	MC0KE4	SAM	WATER	12/04/2025	50.0	25.0	
Q3764-10DUP	MC0KE4DUP	DUP	WATER	12/04/2025	50.0	25.0	
Q3764-11	MC0KE4MS	MS	WATER	12/04/2025	50.0	25.0	
Q3764-12	MC0KE4MSD	MSD	WATER	12/04/2025	50.0	25.0	
Q3764-13	MC0KF2	SAM	WATER	12/04/2025	50.0	25.0	
Q3764-14	MC0KF4	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.: Q3764

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
PB170827BL	PB170827BL	1	1452	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170827BS	PB170827BS	1	1456	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-01	MC0KD3	1	1500	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-02	MC0KD4	1	1504	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
Q3764-03	MC0KD5	1	1517	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-04	MC0KD6	1	1522	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-05	MC0KD8	1	1526	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-06	MC0KD9	1	1530	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-07	MC0KE0	1	1534	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-08	MC0KE1	1	1539	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-09	MC0KE2	1	1543	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-10	MC0KE4	1	1547	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-10DUP	MC0KE4DUP	1	1551	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-10L	MC0KE4L	5	1556	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
Q3764-11	MC0KE4MS	1	1608	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-12	MC0KE4MSD	1	1612	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-10A	MC0KE4A	1	1616	Pb
Q3764-13	MC0KF2	1	1621	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3764-14	MC0KF4	1	1625	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

metals
- 14 -
ANALYSIS RUN LOG

Client: Tetra Tech, EMI

Contract: TETR16

Lab code: ACE

Sdg no.: Q3764

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
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
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

A

B

C

D

E

F

G

H



SHIPPING DOCUMENTS

USEPA CLP COC (LAB COPY)

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

Carrier Name: FedEx Em

Airbill No: 8866 4105 7091

CHAIN OF CUSTODY RECORD

DAS #: R37106

Cooler #:

No: 3-112525-183225-0111

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-SW-01-20251125	MC0KD3	Surface Water/ START	Grab	Metals(7)	3196 (HNO3, 6 C) (1)	SW-01	11/25/2025 16:30	PH 1.0 # 51329
ET-SW-02-20251125	MC0KD4	Surface Water/ START	Grab	Metals(7)	3197 (HNO3, 6 C) (1)	SW-02	11/25/2025 15:25	
ET-SW-03-20251125	MC0KD5	Surface Water/ START	Grab	Metals(7)	3198 (HNO3, 6 C) (1)	SW-03	11/25/2025 15:35	
ET-SW-04-20251125	MC0KD6	Surface Water/ START	Grab	Metals(7)	3199 (HNO3, 6 C) (1)	SW-04	11/25/2025 14:20	
ET-WW-02-20251125	MC0KD8	Waste Water/ START	Grab	Metals(7)	3201 (HNO3, 6 C) (1)	WW-02	11/25/2025 15:50	
ET-WW-03-20251125	MC0KD9	Waste Water/ START	Grab	Metals(7)	3202 (HNO3, 6 C) (1)	WW-03	11/25/2025 16:50	
ET-WW-04-20251125	MC0KE0	Waste Water/ START	Grab	Metals(7)	3203 (HNO3, 6 C) (1)	WW-04	11/25/2025 14:43	
ET-WW-05-20251125	MC0KE1	Waste Water/ START	Grab	Metals(7)	3204 (HNO3, 6 C) (1)	WW-05	11/25/2025 15:07	
ET-WW-06-20251125	MC0KE2	Waste Water/ START	Grab	Metals(7)	3205 (HNO3, 6 C) (1)	WW-06	11/25/2025 16:00	↓
ET-WW-08-20251125	MC0KE4	Waste Water/ START	Grab	Metals(7)	3207 (HNO3, 6 C), 3219 (HNO3, 6 C) (2)	WW-08	11/25/2025 14:58	

Sample(s) to be used for Lab QC: ET-WW-08-20251125 Tag 3207, ET-WW-08-20251125 Tag 3219	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
Sample shipment	Emilbert/START	12/2/25 11:30	CR	12/3/25 10:53	IR Gun #1 3.0°C

USEPA CLP COC (LAB COPY)

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

Carrier Name: FedEx

Airbill No: 8866 4105 7091

CHAIN OF CUSTODY RECORD

DAS #: R37106

Cooler #:

No: 3-112525-183225-0111

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-WW-01-20251125	MC0KF2	Waste Water/START	Grab	Metals(7)	3215 (HNO3, 6 C) (1)	WW-01	11/25/2025 16:10	
ET-DUP01-20251125	MC0KF4	Waste Water/START	Grab	Metals(7)	3217 (HNO3, 6 C) (1)	QC	11/25/2025 12:00	pH 1.0 # 513329 L

Special Instructions:	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
Sample shipment	Gina Jure / START	12/2/25 1130	CR	10:53 12/3/25	IR-Gun #1 3.0

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