

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 : Q3766

ATTENTION : Ava Heiss



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3766

Project ID : R37106

Client : Tetra Tech, EMI

Lab Sample Number

Q3766-01
Q3766-02
Q3766-03
Q3766-04
Q3766-05
Q3766-06
Q3766-07
Q3766-08
Q3766-09
Q3766-10
Q3766-11
Q3766-12
Q3766-13
Q3766-14

Client Sample Number

MC0KG9
MC0KH0
MC0KH1
MC0KH2
MC0KH3
MC0KH4
MC0KH5
MC0KH6
MC0KH7
MC0KH7MS
MC0KH7MSD
MC0KH8
MC0KH9
MC0KJ0

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

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:16 pm, Dec 12, 2025

Date: 12/12/2025

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 # Q3766

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 (MC0KH7MSD) analysis met criteria for all compounds except for Silver due to Chemical Interference during Digestion Process.

The Matrix Spike (MC0KH7MS) analysis met criteria for all compounds except for Cadmium, Silver and Zinc due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (MC0KH7MSD) analysis met criteria for all compounds except for Silver due to Chemical Interference during Digestion Process.

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

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

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

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

APPROVED

Signature By Nimisha Pandya, QA/QC Supervisor at 1:16 pm, Dec 12, 2025

DATA REPORTING QUALIFIERS- INORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3766

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 12/12/2025

LAB CHRONICLE

OrderID:	Q3766	OrderDate:	12/3/2025 12:32:00 PM
Client:	Tetra Tech, EMI	Project:	R37106
Contact:	Ava Heiss	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3766-01	MC0KG9	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3766-02	MC0KH0	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3766-03	MC0KH1	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3766-04	MC0KH2	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3766-05	MC0KH3	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3766-06	MC0KH4	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3766-07	MC0KH5	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3766-08	MC0KH6	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3766-09	MC0KH7	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3766-12	MC0KH8	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3766-13	MC0KH9	Water	Metals ICP-TAL	6010D	12/01/25	12/05/25	12/09/25	12/03/25
Q3766-14	MC0KJ0	Water			12/01/25			12/03/25

LAB CHRONICLE

Metals ICP-TAL	6010D	12/05/25	12/09/25
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Hit Summary Sheet
SW-846

SDG No.: Q3766
Client: Tetra Tech, EMI

Order ID: Q3766
Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MC0KG9								
Q3766-01	MC0KG9	Water	Aluminum	29.2	J	5.67	50.0	ug/L
Q3766-01	MC0KG9	Water	Antimony	13.0	J	3.38	25.0	ug/L
Q3766-01	MC0KG9	Water	Barium	47.2	J	7.28	50.0	ug/L
Q3766-01	MC0KG9	Water	Calcium	86100		117	1000	ug/L
Q3766-01	MC0KG9	Water	Iron	231		11.7	50.0	ug/L
Q3766-01	MC0KG9	Water	Lead	4.11	J	1.15	6.00	ug/L
Q3766-01	MC0KG9	Water	Magnesium	15700		122	1000	ug/L
Q3766-01	MC0KG9	Water	Manganese	155		2.97	10.0	ug/L
Q3766-01	MC0KG9	Water	Potassium	2620		459	1000	ug/L
Q3766-01	MC0KG9	Water	Sodium	20000		434	1000	ug/L
Q3766-01	MC0KG9	Water	Hardness, Total	280000		795	6620	ug/L
Client ID : MC0KH0								
Q3766-02	MC0KH0	Water	Aluminum	21.2	J	5.67	50.0	ug/L
Q3766-02	MC0KH0	Water	Antimony	7.48	J	3.38	25.0	ug/L
Q3766-02	MC0KH0	Water	Barium	35.9	J	7.28	50.0	ug/L
Q3766-02	MC0KH0	Water	Cadmium	6.88		0.25	3.00	ug/L
Q3766-02	MC0KH0	Water	Calcium	75900		117	1000	ug/L
Q3766-02	MC0KH0	Water	Lead	77.6		1.15	6.00	ug/L
Q3766-02	MC0KH0	Water	Magnesium	15500		122	1000	ug/L
Q3766-02	MC0KH0	Water	Potassium	2110		459	1000	ug/L
Q3766-02	MC0KH0	Water	Sodium	23700		434	1000	ug/L
Q3766-02	MC0KH0	Water	Thallium	3.45	J	2.19	20.0	ug/L
Q3766-02	MC0KH0	Water	Zinc	13.7	J	8.33	20.0	ug/L
Q3766-02	MC0KH0	Water	Hardness, Total	253000		795	6620	ug/L
Client ID : MC0KH1								
Q3766-03	MC0KH1	Water	Aluminum	17.1	J	5.67	50.0	ug/L
Q3766-03	MC0KH1	Water	Antimony	9.53	J	3.38	25.0	ug/L
Q3766-03	MC0KH1	Water	Barium	89.9		7.28	50.0	ug/L
Q3766-03	MC0KH1	Water	Cadmium	2.94	J	0.25	3.00	ug/L
Q3766-03	MC0KH1	Water	Calcium	80800		117	1000	ug/L
Q3766-03	MC0KH1	Water	Chromium	1.74	J	1.06	5.00	ug/L
Q3766-03	MC0KH1	Water	Iron	56.4		11.7	50.0	ug/L
Q3766-03	MC0KH1	Water	Lead	33.5		1.15	6.00	ug/L
Q3766-03	MC0KH1	Water	Magnesium	19500		122	1000	ug/L
Q3766-03	MC0KH1	Water	Manganese	13.7		2.97	10.0	ug/L
Q3766-03	MC0KH1	Water	Potassium	6320		459	1000	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3766 **Order ID:** Q3766
Client: Tetra Tech, EMI **Project ID:** R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3766-03	MC0KH1	Water	Sodium	41100		434	1000	ug/L
Q3766-03	MC0KH1	Water	Zinc	20.6		8.33	20.0	ug/L
Q3766-03	MC0KH1	Water	Hardness, Total	282000		795	6620	ug/L
Client ID : MC0KH2								
Q3766-04	MC0KH2	Water	Aluminum	14.3	J	5.67	50.0	ug/L
Q3766-04	MC0KH2	Water	Antimony	12.1	J	3.38	25.0	ug/L
Q3766-04	MC0KH2	Water	Barium	17.9	J	7.28	50.0	ug/L
Q3766-04	MC0KH2	Water	Cadmium	0.49	J	0.25	3.00	ug/L
Q3766-04	MC0KH2	Water	Calcium	13500		117	1000	ug/L
Q3766-04	MC0KH2	Water	Copper	3.65	J	2.30	10.0	ug/L
Q3766-04	MC0KH2	Water	Iron	252		11.7	50.0	ug/L
Q3766-04	MC0KH2	Water	Lead	92.0		1.15	6.00	ug/L
Q3766-04	MC0KH2	Water	Magnesium	1320		122	1000	ug/L
Q3766-04	MC0KH2	Water	Manganese	9.24	J	2.97	10.0	ug/L
Q3766-04	MC0KH2	Water	Nickel	1.84	J	1.53	20.0	ug/L
Q3766-04	MC0KH2	Water	Potassium	874	J	459	1000	ug/L
Q3766-04	MC0KH2	Water	Selenium	5.45	J	4.82	10.0	ug/L
Q3766-04	MC0KH2	Water	Zinc	12.5	J	8.33	20.0	ug/L
Q3766-04	MC0KH2	Water	Hardness, Total	39100		795	6620	ug/L
Client ID : MC0KH3								
Q3766-05	MC0KH3	Water	Aluminum	21.1	J	5.67	50.0	ug/L
Q3766-05	MC0KH3	Water	Antimony	22.1	J	3.38	25.0	ug/L
Q3766-05	MC0KH3	Water	Barium	33.1	J	7.28	50.0	ug/L
Q3766-05	MC0KH3	Water	Cadmium	18.4		0.25	3.00	ug/L
Q3766-05	MC0KH3	Water	Calcium	50100		117	1000	ug/L
Q3766-05	MC0KH3	Water	Copper	2.76	J	2.30	10.0	ug/L
Q3766-05	MC0KH3	Water	Lead	31.0		1.15	6.00	ug/L
Q3766-05	MC0KH3	Water	Magnesium	9590		122	1000	ug/L
Q3766-05	MC0KH3	Water	Manganese	39.0		2.97	10.0	ug/L
Q3766-05	MC0KH3	Water	Nickel	2.37	J	1.53	20.0	ug/L
Q3766-05	MC0KH3	Water	Potassium	1850		459	1000	ug/L
Q3766-05	MC0KH3	Water	Selenium	6.23	J	4.82	10.0	ug/L
Q3766-05	MC0KH3	Water	Sodium	10300		434	1000	ug/L
Q3766-05	MC0KH3	Water	Thallium	2.50	J	2.19	20.0	ug/L
Q3766-05	MC0KH3	Water	Zinc	48.0		8.33	20.0	ug/L
Q3766-05	MC0KH3	Water	Hardness, Total	165000		795	6620	ug/L
Client ID : MC0KH4								
Q3766-06	MC0KH4	Water	Aluminum	21.1	J	5.67	50.0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3766 **Order ID:** Q3766
Client: Tetra Tech, EMI **Project ID:** R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3766-06	MC0KH4	Water	Antimony	51.9		3.38	25.0	ug/L
Q3766-06	MC0KH4	Water	Barium	27.9	J	7.28	50.0	ug/L
Q3766-06	MC0KH4	Water	Cadmium	45.2		0.25	3.00	ug/L
Q3766-06	MC0KH4	Water	Calcium	50700		117	1000	ug/L
Q3766-06	MC0KH4	Water	Chromium	4.97	J	1.06	5.00	ug/L
Q3766-06	MC0KH4	Water	Copper	5.04	J	2.30	10.0	ug/L
Q3766-06	MC0KH4	Water	Iron	27.0	J	11.7	50.0	ug/L
Q3766-06	MC0KH4	Water	Lead	43.0		1.15	6.00	ug/L
Q3766-06	MC0KH4	Water	Magnesium	9930		122	1000	ug/L
Q3766-06	MC0KH4	Water	Manganese	17.0		2.97	10.0	ug/L
Q3766-06	MC0KH4	Water	Nickel	6.28	J	1.53	20.0	ug/L
Q3766-06	MC0KH4	Water	Potassium	2010		459	1000	ug/L
Q3766-06	MC0KH4	Water	Selenium	25.0		4.82	10.0	ug/L
Q3766-06	MC0KH4	Water	Sodium	5980		434	1000	ug/L
Q3766-06	MC0KH4	Water	Thallium	3.90	J	2.19	20.0	ug/L
Q3766-06	MC0KH4	Water	Zinc	66.6		8.33	20.0	ug/L
Q3766-06	MC0KH4	Water	Hardness, Total	167000		795	6620	ug/L

Client ID : MC0KH5

Q3766-07	MC0KH5	Water	Aluminum	19.6	J	5.67	50.0	ug/L
Q3766-07	MC0KH5	Water	Antimony	6.24	J	3.38	25.0	ug/L
Q3766-07	MC0KH5	Water	Barium	15.1	J	7.28	50.0	ug/L
Q3766-07	MC0KH5	Water	Calcium	60100		117	1000	ug/L
Q3766-07	MC0KH5	Water	Chromium	1.61	J	1.06	5.00	ug/L
Q3766-07	MC0KH5	Water	Lead	1.83	J	1.15	6.00	ug/L
Q3766-07	MC0KH5	Water	Magnesium	11800		122	1000	ug/L
Q3766-07	MC0KH5	Water	Manganese	6.70	J	2.97	10.0	ug/L
Q3766-07	MC0KH5	Water	Potassium	3970		459	1000	ug/L
Q3766-07	MC0KH5	Water	Sodium	9770		434	1000	ug/L
Q3766-07	MC0KH5	Water	Thallium	3.90	J	2.19	20.0	ug/L
Q3766-07	MC0KH5	Water	Zinc	10.6	J	8.33	20.0	ug/L
Q3766-07	MC0KH5	Water	Hardness, Total	199000		795	6620	ug/L

Client ID : MC0KH6

Q3766-08	MC0KH6	Water	Aluminum	59.2		5.67	50.0	ug/L
Q3766-08	MC0KH6	Water	Antimony	10.8	J	3.38	25.0	ug/L
Q3766-08	MC0KH6	Water	Arsenic	6.68	J	2.56	10.0	ug/L
Q3766-08	MC0KH6	Water	Barium	57.5		7.28	50.0	ug/L
Q3766-08	MC0KH6	Water	Cadmium	34.7		0.25	3.00	ug/L
Q3766-08	MC0KH6	Water	Calcium	11600		117	1000	ug/L
Q3766-08	MC0KH6	Water	Chromium	1.46	J	1.06	5.00	ug/L

Hit Summary Sheet

SW-846

SDG No.: Q3766 Order ID: Q3766
Client: Tetra Tech, EMI Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3766-08	MC0KH6	Water	Copper	26.3		2.30	10.0	ug/L
Q3766-08	MC0KH6	Water	Iron	1410		11.7	50.0	ug/L
Q3766-08	MC0KH6	Water	Lead	4990		1.15	6.00	ug/L
Q3766-08	MC0KH6	Water	Magnesium	535	J	122	1000	ug/L
Q3766-08	MC0KH6	Water	Manganese	151		2.97	10.0	ug/L
Q3766-08	MC0KH6	Water	Nickel	26.0		1.53	20.0	ug/L
Q3766-08	MC0KH6	Water	Potassium	2400		459	1000	ug/L
Q3766-08	MC0KH6	Water	Sodium	1370		434	1000	ug/L
Q3766-08	MC0KH6	Water	Thallium	2.57	J	2.19	20.0	ug/L
Q3766-08	MC0KH6	Water	Zinc	235		8.33	20.0	ug/L
Q3766-08	MC0KH6	Water	Hardness, Total	31200		795	6620	ug/L

Client ID : MC0KH7

Q3766-09	MC0KH7	Water	Aluminum	10.8	J	5.67	50.0	ug/L
Q3766-09	MC0KH7	Water	Antimony	10.3	J	3.38	25.0	ug/L
Q3766-09	MC0KH7	Water	Barium	16.4	J	7.28	50.0	ug/L
Q3766-09	MC0KH7	Water	Cadmium	268		0.25	3.00	ug/L
Q3766-09	MC0KH7	Water	Calcium	6310		117	1000	ug/L
Q3766-09	MC0KH7	Water	Copper	17.1		2.30	10.0	ug/L
Q3766-09	MC0KH7	Water	Iron	188		11.7	50.0	ug/L
Q3766-09	MC0KH7	Water	Lead	570		1.15	6.00	ug/L
Q3766-09	MC0KH7	Water	Magnesium	1320		122	1000	ug/L
Q3766-09	MC0KH7	Water	Manganese	50.6		2.97	10.0	ug/L
Q3766-09	MC0KH7	Water	Nickel	17.5	J	1.53	20.0	ug/L
Q3766-09	MC0KH7	Water	Potassium	1650		459	1000	ug/L
Q3766-09	MC0KH7	Water	Selenium	11.1		4.82	10.0	ug/L
Q3766-09	MC0KH7	Water	Sodium	1370		434	1000	ug/L
Q3766-09	MC0KH7	Water	Thallium	3.95	J	2.19	20.0	ug/L
Q3766-09	MC0KH7	Water	Zinc	391		8.33	20.0	ug/L
Q3766-09	MC0KH7	Water	Hardness, Total	21200		795	6620	ug/L

Client ID : MC0KH8

Q3766-12	MC0KH8	Water	Aluminum	6.29	J	5.67	50.0	ug/L
Q3766-12	MC0KH8	Water	Antimony	15.5	J	3.38	25.0	ug/L
Q3766-12	MC0KH8	Water	Barium	16.0	J	7.28	50.0	ug/L
Q3766-12	MC0KH8	Water	Cadmium	32.7		0.25	3.00	ug/L
Q3766-12	MC0KH8	Water	Calcium	14600		117	1000	ug/L
Q3766-12	MC0KH8	Water	Chromium	9.53		1.06	5.00	ug/L
Q3766-12	MC0KH8	Water	Cobalt	2.51	J	1.13	15.0	ug/L
Q3766-12	MC0KH8	Water	Iron	39.8	J	11.7	50.0	ug/L
Q3766-12	MC0KH8	Water	Lead	17.3		1.15	6.00	ug/L

Hit Summary Sheet

SW-846

SDG No.: Q3766

Order ID: Q3766

Client: Tetra Tech, EMI

Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3766-12	MC0KH8	Water	Magnesium	2160		122	1000	ug/L
Q3766-12	MC0KH8	Water	Manganese	881		2.97	10.0	ug/L
Q3766-12	MC0KH8	Water	Nickel	6.49	J	1.53	20.0	ug/L
Q3766-12	MC0KH8	Water	Potassium	2290		459	1000	ug/L
Q3766-12	MC0KH8	Water	Sodium	2810		434	1000	ug/L
Q3766-12	MC0KH8	Water	Zinc	164		8.33	20.0	ug/L
Q3766-12	MC0KH8	Water	Hardness, Total	45400		795	6620	ug/L

Client ID : MC0KH9

Q3766-13	MC0KH9	Water	Aluminum	19.7	J	5.67	50.0	ug/L
Q3766-13	MC0KH9	Water	Antimony	16.6	J	3.38	25.0	ug/L
Q3766-13	MC0KH9	Water	Barium	17.5	J	7.28	50.0	ug/L
Q3766-13	MC0KH9	Water	Cadmium	6.47		0.25	3.00	ug/L
Q3766-13	MC0KH9	Water	Calcium	13000		117	1000	ug/L
Q3766-13	MC0KH9	Water	Chromium	1.45	J	1.06	5.00	ug/L
Q3766-13	MC0KH9	Water	Copper	3.97	J	2.30	10.0	ug/L
Q3766-13	MC0KH9	Water	Iron	121		11.7	50.0	ug/L
Q3766-13	MC0KH9	Water	Lead	75.2		1.15	6.00	ug/L
Q3766-13	MC0KH9	Water	Magnesium	5700		122	1000	ug/L
Q3766-13	MC0KH9	Water	Manganese	10.8		2.97	10.0	ug/L
Q3766-13	MC0KH9	Water	Nickel	4.24	J	1.53	20.0	ug/L
Q3766-13	MC0KH9	Water	Potassium	2350		459	1000	ug/L
Q3766-13	MC0KH9	Water	Sodium	945	J	434	1000	ug/L
Q3766-13	MC0KH9	Water	Zinc	12.8	J	8.33	20.0	ug/L
Q3766-13	MC0KH9	Water	Hardness, Total	55900		795	6620	ug/L

Client ID : MC0KJ0

Q3766-14	MC0KJ0	Water	Aluminum	13.7	J	5.67	50.0	ug/L
Q3766-14	MC0KJ0	Water	Antimony	13.7	J	3.38	25.0	ug/L
Q3766-14	MC0KJ0	Water	Barium	18.3	J	7.28	50.0	ug/L
Q3766-14	MC0KJ0	Water	Cadmium	0.57	J	0.25	3.00	ug/L
Q3766-14	MC0KJ0	Water	Calcium	13500		117	1000	ug/L
Q3766-14	MC0KJ0	Water	Copper	3.82	J	2.30	10.0	ug/L
Q3766-14	MC0KJ0	Water	Iron	367		11.7	50.0	ug/L
Q3766-14	MC0KJ0	Water	Lead	95.5		1.15	6.00	ug/L
Q3766-14	MC0KJ0	Water	Magnesium	1320		122	1000	ug/L
Q3766-14	MC0KJ0	Water	Manganese	11.3		2.97	10.0	ug/L
Q3766-14	MC0KJ0	Water	Nickel	2.60	J	1.53	20.0	ug/L
Q3766-14	MC0KJ0	Water	Potassium	814	J	459	1000	ug/L
Q3766-14	MC0KJ0	Water	Selenium	5.44	J	4.82	10.0	ug/L
Q3766-14	MC0KJ0	Water	Zinc	16.4	J	8.33	20.0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q3766

Order ID: Q3766

Client: Tetra Tech, EMI

Project ID: R37106

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3766-14	MC0KJ0	Water	Hardness, Total	39100		795	6620	ug/L

A
B
C
D
E
F
G
H



SAMPLE DATA

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KG9
Lab Sample ID: Q3766-01
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3766
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	29.2	J	1	5.67	50.0	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-36-0	Antimony	13.0	J	1	3.38	25.0	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-39-3	Barium	47.2	J	1	7.28	50.0	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-43-9	Cadmium	0.25	UN	1	0.25	3.00	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-70-2	Calcium	86100		1	117	1000	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
Hardness	Hardness, Total	280000		1	795	6620	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7439-89-6	Iron	231		1	11.7	50.0	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7439-92-1	Lead	4.11	J	1	1.15	6.00	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7439-95-4	Magnesium	15700		1	122	1000	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7439-96-5	Manganese	155		1	2.97	10.0	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-09-7	Potassium	2620		1	459	1000	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-23-5	Sodium	20000		1	434	1000	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:45	12/09/25 20:08	6010D	M3010A
7440-66-6	Zinc	8.33	UN	1	8.33	20.0	ug/L	12/05/25 10:45	12/09/25 20:08	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: MC0KH0
Lab Sample ID: Q3766-02
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3766
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	21.2	J	1	5.67	50.0	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-36-0	Antimony	7.48	J	1	3.38	25.0	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-39-3	Barium	35.9	J	1	7.28	50.0	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-43-9	Cadmium	6.88	N	1	0.25	3.00	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-70-2	Calcium	75900		1	117	1000	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
Hardness	Hardness, Total	253000		1	795	6620	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7439-89-6	Iron	11.7	U	1	11.7	50.0	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7439-92-1	Lead	77.6		1	1.15	6.00	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7439-95-4	Magnesium	15500		1	122	1000	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7439-96-5	Manganese	2.97	U	1	2.97	10.0	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-09-7	Potassium	2110		1	459	1000	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-23-5	Sodium	23700		1	434	1000	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-28-0	Thallium	3.45	J	1	2.19	20.0	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:45	12/09/25 20:12	6010D	M3010A
7440-66-6	Zinc	13.7	JN	1	8.33	20.0	ug/L	12/05/25 10:45	12/09/25 20:12	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: MC0KH1
Lab Sample ID: Q3766-03
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3766
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	17.1	J	1	5.67	50.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-36-0	Antimony	9.53	J	1	3.38	25.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-39-3	Barium	89.9		1	7.28	50.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-43-9	Cadmium	2.94	JN	1	0.25	3.00	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-70-2	Calcium	80800		1	117	1000	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-47-3	Chromium	1.74	J	1	1.06	5.00	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
Hardness	Hardness, Total	282000		1	795	6620	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7439-89-6	Iron	56.4		1	11.7	50.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7439-92-1	Lead	33.5		1	1.15	6.00	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7439-95-4	Magnesium	19500		1	122	1000	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7439-96-5	Manganese	13.7		1	2.97	10.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-09-7	Potassium	6320		1	459	1000	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-23-5	Sodium	41100		1	434	1000	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A
7440-66-6	Zinc	20.6	N	1	8.33	20.0	ug/L	12/05/25 10:45	12/09/25 20:17	6010D	M3010A

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Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KH2
Lab Sample ID: Q3766-04
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3766
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	14.3	J	1	5.67	50.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-36-0	Antimony	12.1	J	1	3.38	25.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-39-3	Barium	17.9	J	1	7.28	50.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-43-9	Cadmium	0.49	JN	1	0.25	3.00	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-70-2	Calcium	13500		1	117	1000	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-50-8	Copper	3.65	J	1	2.30	10.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
Hardness	Hardness, Total	39100		1	795	6620	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7439-89-6	Iron	252		1	11.7	50.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7439-92-1	Lead	92.0		1	1.15	6.00	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7439-95-4	Magnesium	1320		1	122	1000	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7439-96-5	Manganese	9.24	J	1	2.97	10.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-02-0	Nickel	1.84	J	1	1.53	20.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-09-7	Potassium	874	J	1	459	1000	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7782-49-2	Selenium	5.45	J	1	4.82	10.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-23-5	Sodium	434	U	1	434	1000	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A
7440-66-6	Zinc	12.5	JN	1	8.33	20.0	ug/L	12/05/25 10:45	12/09/25 20:45	6010D	M3010A

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N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KH3
Lab Sample ID: Q3766-05
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3766
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	21.1	J	1	5.67	50.0	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-36-0	Antimony	22.1	J	1	3.38	25.0	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-39-3	Barium	33.1	J	1	7.28	50.0	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-43-9	Cadmium	18.4	N	1	0.25	3.00	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-70-2	Calcium	50100		1	117	1000	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-50-8	Copper	2.76	J	1	2.30	10.0	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
Hardness	Hardness, Total	165000		1	795	6620	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7439-89-6	Iron	11.7	U	1	11.7	50.0	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7439-92-1	Lead	31.0		1	1.15	6.00	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7439-95-4	Magnesium	9590		1	122	1000	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7439-96-5	Manganese	39.0		1	2.97	10.0	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-02-0	Nickel	2.37	J	1	1.53	20.0	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-09-7	Potassium	1850		1	459	1000	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7782-49-2	Selenium	6.23	J	1	4.82	10.0	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-23-5	Sodium	10300		1	434	1000	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-28-0	Thallium	2.50	J	1	2.19	20.0	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:45	12/09/25 20:49	6010D	M3010A
7440-66-6	Zinc	48.0	N	1	8.33	20.0	ug/L	12/05/25 10:45	12/09/25 20:49	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: MC0KH4
Lab Sample ID: Q3766-06
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3766
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	21.1	J	1	5.67	50.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-36-0	Antimony	51.9		1	3.38	25.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-39-3	Barium	27.9	J	1	7.28	50.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-43-9	Cadmium	45.2	N	1	0.25	3.00	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-70-2	Calcium	50700		1	117	1000	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-47-3	Chromium	4.97	J	1	1.06	5.00	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-50-8	Copper	5.04	J	1	2.30	10.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
Hardness	Hardness, Total	167000		1	795	6620	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7439-89-6	Iron	27.0	J	1	11.7	50.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7439-92-1	Lead	43.0		1	1.15	6.00	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7439-95-4	Magnesium	9930		1	122	1000	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7439-96-5	Manganese	17.0		1	2.97	10.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-02-0	Nickel	6.28	J	1	1.53	20.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-09-7	Potassium	2010		1	459	1000	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7782-49-2	Selenium	25.0		1	4.82	10.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-23-5	Sodium	5980		1	434	1000	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-28-0	Thallium	3.90	J	1	2.19	20.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A
7440-66-6	Zinc	66.6	N	1	8.33	20.0	ug/L	12/05/25 10:45	12/09/25 20:54	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KH5
Lab Sample ID: Q3766-07
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3766
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	19.6	J	1	5.67	50.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-36-0	Antimony	6.24	J	1	3.38	25.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-39-3	Barium	15.1	J	1	7.28	50.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-43-9	Cadmium	0.25	UN	1	0.25	3.00	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-70-2	Calcium	60100		1	117	1000	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-47-3	Chromium	1.61	J	1	1.06	5.00	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
Hardness	Hardness, Total	199000		1	795	6620	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7439-89-6	Iron	11.7	U	1	11.7	50.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7439-92-1	Lead	1.83	J	1	1.15	6.00	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7439-95-4	Magnesium	11800		1	122	1000	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7439-96-5	Manganese	6.70	J	1	2.97	10.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-02-0	Nickel	1.53	U	1	1.53	20.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-09-7	Potassium	3970		1	459	1000	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-23-5	Sodium	9770		1	434	1000	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-28-0	Thallium	3.90	J	1	2.19	20.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A
7440-66-6	Zinc	10.6	JN	1	8.33	20.0	ug/L	12/05/25 10:45	12/09/25 20:58	6010D	M3010A

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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: MC0KH6
Lab Sample ID: Q3766-08
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3766
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	59.2		1	5.67	50.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-36-0	Antimony	10.8	J	1	3.38	25.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-38-2	Arsenic	6.68	J	1	2.56	10.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-39-3	Barium	57.5		1	7.28	50.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-43-9	Cadmium	34.7	N	1	0.25	3.00	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-70-2	Calcium	11600		1	117	1000	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-47-3	Chromium	1.46	J	1	1.06	5.00	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-50-8	Copper	26.3		1	2.30	10.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
Hardness	Hardness, Total	31200		1	795	6620	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7439-89-6	Iron	1410		1	11.7	50.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7439-92-1	Lead	4990		1	1.15	6.00	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7439-95-4	Magnesium	535	J	1	122	1000	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7439-96-5	Manganese	151		1	2.97	10.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-02-0	Nickel	26.0		1	1.53	20.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-09-7	Potassium	2400		1	459	1000	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-23-5	Sodium	1370		1	434	1000	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-28-0	Thallium	2.57	J	1	2.19	20.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A
7440-66-6	Zinc	235	N	1	8.33	20.0	ug/L	12/05/25 10:45	12/09/25 21:02	6010D	M3010A

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

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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: MC0KH7
Lab Sample ID: Q3766-09
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3766
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	10.8	J	1	5.67	50.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-36-0	Antimony	10.3	J	1	3.38	25.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-39-3	Barium	16.4	J	1	7.28	50.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-43-9	Cadmium	268	N	1	0.25	3.00	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-70-2	Calcium	6310		1	117	1000	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-50-8	Copper	17.1		1	2.30	10.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
Hardness	Hardness, Total	21200		1	795	6620	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7439-89-6	Iron	188		1	11.7	50.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7439-92-1	Lead	570		1	1.15	6.00	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7439-95-4	Magnesium	1320		1	122	1000	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7439-96-5	Manganese	50.6		1	2.97	10.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-02-0	Nickel	17.5	J	1	1.53	20.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-09-7	Potassium	1650		1	459	1000	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7782-49-2	Selenium	11.1		1	4.82	10.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-23-5	Sodium	1370		1	434	1000	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-28-0	Thallium	3.95	J	1	2.19	20.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A
7440-66-6	Zinc	391	N	1	8.33	20.0	ug/L	12/05/25 10:45	12/09/25 21:06	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Tetra Tech, EMI
Project: R37106
Client Sample ID: MC0KH8
Lab Sample ID: Q3766-12
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3766
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	6.29	J	1	5.67	50.0	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-36-0	Antimony	15.5	J	1	3.38	25.0	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-39-3	Barium	16.0	J	1	7.28	50.0	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-43-9	Cadmium	32.7	N	1	0.25	3.00	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-70-2	Calcium	14600		1	117	1000	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-47-3	Chromium	9.53		1	1.06	5.00	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-48-4	Cobalt	2.51	J	1	1.13	15.0	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
Hardness	Hardness, Total	45400		1	795	6620	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7439-89-6	Iron	39.8	J	1	11.7	50.0	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7439-92-1	Lead	17.3		1	1.15	6.00	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7439-95-4	Magnesium	2160		1	122	1000	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7439-96-5	Manganese	881		1	2.97	10.0	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-02-0	Nickel	6.49	J	1	1.53	20.0	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-09-7	Potassium	2290		1	459	1000	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-23-5	Sodium	2810		1	434	1000	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:45	12/09/25 21:40	6010D	M3010A
7440-66-6	Zinc	164	N	1	8.33	20.0	ug/L	12/05/25 10:45	12/09/25 21:40	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: MC0KH9
Lab Sample ID: Q3766-13
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3766
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	19.7	J	1	5.67	50.0	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-36-0	Antimony	16.6	J	1	3.38	25.0	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-39-3	Barium	17.5	J	1	7.28	50.0	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-43-9	Cadmium	6.47	N	1	0.25	3.00	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-70-2	Calcium	13000		1	117	1000	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-47-3	Chromium	1.45	J	1	1.06	5.00	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-50-8	Copper	3.97	J	1	2.30	10.0	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
Hardness	Hardness, Total	55900		1	795	6620	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7439-89-6	Iron	121		1	11.7	50.0	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7439-92-1	Lead	75.2		1	1.15	6.00	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7439-95-4	Magnesium	5700		1	122	1000	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7439-96-5	Manganese	10.8		1	2.97	10.0	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-02-0	Nickel	4.24	J	1	1.53	20.0	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-09-7	Potassium	2350		1	459	1000	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-23-5	Sodium	945	J	1	434	1000	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:45	12/09/25 21:44	6010D	M3010A
7440-66-6	Zinc	12.8	JN	1	8.33	20.0	ug/L	12/05/25 10:45	12/09/25 21:44	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: MC0KJ0
Lab Sample ID: Q3766-14
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/03/25
SDG No.: Q3766
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13.7	J	1	5.67	50.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-36-0	Antimony	13.7	J	1	3.38	25.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-39-3	Barium	18.3	J	1	7.28	50.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-43-9	Cadmium	0.57	JN	1	0.25	3.00	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-70-2	Calcium	13500		1	117	1000	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-50-8	Copper	3.82	J	1	2.30	10.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
Hardness	Hardness, Total	39100		1	795	6620	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7439-89-6	Iron	367		1	11.7	50.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7439-92-1	Lead	95.5		1	1.15	6.00	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7439-95-4	Magnesium	1320		1	122	1000	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7439-96-5	Manganese	11.3		1	2.97	10.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-02-0	Nickel	2.60	J	1	1.53	20.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-09-7	Potassium	814	J	1	459	1000	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7782-49-2	Selenium	5.44	J	1	4.82	10.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-22-4	Silver	0.81	UN*	1	0.81	5.00	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-23-5	Sodium	434	U	1	434	1000	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A
7440-66-6	Zinc	16.4	JN	1	8.33	20.0	ug/L	12/05/25 10:45	12/09/25 21:48	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

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OR = Over Range

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METAL CALIBRATION DATA

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3766

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.: Q3766

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.: Q3766
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
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3766
Lab Code: ACE

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.: Q3766
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.: Q3766
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
Contract: TETR16
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3766
Lab Code: ACE

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

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

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

SDG No.: Q3766
Lab Code: ACE

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

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3766

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech, EMI

SDG No.: Q3766

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
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.: Q3766

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.: Q3766

Contract: TETR16

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3766

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.: Q3766

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.: Q3766

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.: Q3766

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.: Q3766

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.: Q3766

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3766

Contract: TETR16

Lab Code: ACE

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

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3766

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

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech, EMI **SDG No.:** Q3766
Contract: TETR16 **Lab Code:** ACE

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

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tetra Tech, EMI

SDG No.: Q3766

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170842BL	WATER			Batch Number:	PB170842		Prep Date:	12/05/2025	
	Aluminum	5.67	<25	U	50.0	P	12/09/2025	20:00	LB138174
	Antimony	3.38	<12.5	U	25.0	P	12/09/2025	20:00	LB138174
	Arsenic	2.56	<5	U	10.0	P	12/09/2025	20:00	LB138174
	Barium	7.28	<25	U	50.0	P	12/09/2025	20:00	LB138174
	Beryllium	0.28	<1.5	U	3.00	P	12/09/2025	20:00	LB138174
	Cadmium	0.25	<1.5	U	3.00	P	12/09/2025	20:00	LB138174
	Calcium	117	<500	U	1000	P	12/09/2025	20:00	LB138174
	Chromium	1.06	<2.5	U	5.00	P	12/09/2025	20:00	LB138174
	Cobalt	1.13	<7.5	U	15.0	P	12/09/2025	20:00	LB138174
	Copper	2.30	<5	U	10.0	P	12/09/2025	20:00	LB138174
	Iron	11.7	<25	U	50.0	P	12/09/2025	20:00	LB138174
	Lead	1.15	<3	U	6.00	P	12/09/2025	20:00	LB138174
	Magnesium	122	<500	U	1000	P	12/09/2025	20:00	LB138174
	Manganese	2.97	<5	U	10.0	P	12/09/2025	20:00	LB138174
	Nickel	1.53	<10	U	20.0	P	12/09/2025	20:00	LB138174
	Potassium	459	<500	U	1000	P	12/09/2025	20:00	LB138174
	Selenium	4.82	<5	U	10.0	P	12/09/2025	20:00	LB138174
	Silver	0.81	<2.5	U	5.00	P	12/09/2025	20:00	LB138174
	Sodium	434	<500	U	1000	P	12/09/2025	20:00	LB138174
	Thallium	2.19	<10	U	20.0	P	12/09/2025	20:00	LB138174
	Vanadium	3.13	<10	U	20.0	P	12/09/2025	20:00	LB138174
	Zinc	8.33	<10	U	20.0	P	12/09/2025	20:00	LB138174

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech, EMI</u>	SDG No.: <u>Q3766</u>
Contract: <u>TETR16</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

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

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech, EMI</u>	SDG No.: <u>Q3766</u>
Contract: <u>TETR16</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

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



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	<u>Tetra Tech, EMI</u>	level:	<u>low</u>	sdg no.:	<u>Q3766</u>
contract:	<u>TETR16</u>			lab code:	<u>ACE</u>
matrix:	<u>Water</u>	sample id:	<u>Q3766-09</u>	client id:	<u>MC0KH7MS</u>
Percent Solids for Sample:	NA	Spiked ID:	Q3766-10	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	884		10.8	J	1000	87		P
Antimony	ug/L	75 - 125	385		10.3	J	400	94		P
Arsenic	ug/L	75 - 125	366		10.0	U	400	92		P
Barium	ug/L	75 - 125	103		16.4	J	100	86		P
Beryllium	ug/L	75 - 125	78.5		3.00	U	100	78		P
Cadmium	ug/L	75 - 125	340		268		100	71	N	P
Calcium	ug/L	75 - 125	6450		6310		500	28		P
Chromium	ug/L	75 - 125	186		5.00	U	200	93		P
Cobalt	ug/L	75 - 125	88.2		15.0	U	100	88		P
Copper	ug/L	75 - 125	155		17.1		150	92		P
Iron	ug/L	75 - 125	1600		188		1500	94		P
Lead	ug/L	75 - 125	958		570		500	78		P
Magnesium	ug/L	75 - 125	2130		1320		1000	81		P
Manganese	ug/L	75 - 125	135		50.6		100	84		P
Nickel	ug/L	75 - 125	233		17.5	J	250	86		P
Potassium	ug/L	75 - 125	6120		1650		5000	89		P
Selenium	ug/L	75 - 125	908		11.1		1000	90		P
Silver	ug/L	75 - 125	16.6		5.00	U	37.5	44	N	P
Sodium	ug/L	75 - 125	2630		1370		1500	84		P
Thallium	ug/L	75 - 125	856		3.95	J	1000	85		P
Vanadium	ug/L	75 - 125	133		20.0	U	150	89		P
Zinc	ug/L	75 - 125	459		391		100	67	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Tetra Tech, EMI</u>	level: <u>low</u>	sdg no.: <u>Q3766</u>
contract: <u>TETR16</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3766-09</u>	client id: <u>MC0KH7MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3766-11</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	960		10.8	J	1000	95		P
Antimony	ug/L	75 - 125	403		10.3	J	400	98		P
Arsenic	ug/L	75 - 125	384		10.0	U	400	96		P
Barium	ug/L	75 - 125	109		16.4	J	100	92		P
Beryllium	ug/L	75 - 125	85.5		3.00	U	100	86		P
Cadmium	ug/L	75 - 125	350		268		100	82		P
Calcium	ug/L	75 - 125	6780		6310		500	94		P
Chromium	ug/L	75 - 125	194		5.00	U	200	97		P
Cobalt	ug/L	75 - 125	92.7		15.0	U	100	93		P
Copper	ug/L	75 - 125	161		17.1		150	96		P
Iron	ug/L	75 - 125	1660		188		1500	98		P
Lead	ug/L	75 - 125	992		570		500	84		P
Magnesium	ug/L	75 - 125	2250		1320		1000	93		P
Manganese	ug/L	75 - 125	143		50.6		100	93		P
Nickel	ug/L	75 - 125	244		17.5	J	250	90		P
Potassium	ug/L	75 - 125	6370		1650		5000	94		P
Selenium	ug/L	75 - 125	954		11.1		1000	94		P
Silver	ug/L	75 - 125	21.1		5.00	U	37.5	56	N	P
Sodium	ug/L	75 - 125	2720		1370		1500	90		P
Thallium	ug/L	75 - 125	849		3.95	J	1000	85		P
Vanadium	ug/L	75 - 125	143		20.0	U	150	95		P
Zinc	ug/L	75 - 125	475		391		100	84		P

Metals
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POST DIGEST SPIKE SUMMARY

Client: <u>Tetra Tech, EMI</u>	SDG No.: <u>Q3766</u>	
Contract: <u>TETR16</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Water</u>	Level: <u>LOW</u>	Client ID: <u>MC0KH7A</u>
Sample ID: <u>Q3766-09</u>	Spiked ID: <u>Q3766-09A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	352		268		100	84		P
Silver	ug/L	75 - 125	30.7		5.00	U	37.5	82		P
Zinc	ug/L	75 - 125	481		391		100	89		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech, EMI **Level:** LOW **SDG No.:** Q3766
Contract: TETR16 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3766-09 **Client ID:** MC0KH7DUP
Percent Solids for Sample: NA **Duplicate ID** Q3766-09DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	10.8	J	50.0	U	200.0		P
Antimony	ug/L	20	10.3	J	9.84	J	5		P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	16.4	J	16.4	J	0		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	268		266		1		P
Calcium	ug/L	20	6310		6300		0		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	17.1		17.0		1		P
Iron	ug/L	20	188		186		1		P
Lead	ug/L	20	570		566		1		P
Magnesium	ug/L	20	1320		1340		2		P
Manganese	ug/L	20	50.6		50.5		0		P
Nickel	ug/L	20	17.5	J	17.3	J	1		P
Potassium	ug/L	20	1650		1610		2		P
Selenium	ug/L	20	11.1		11.6		4		P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	1370		1340		2		P
Thallium	ug/L	20	3.95	J	2.61	J	41		P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	391		387		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.:** Q3766
Contract: TETR16 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3766-10 **Client ID:** MC0KH7MSD
Percent Solids for Sample: NA **Duplicate ID** Q3766-11 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	884		960		8		P
Antimony	ug/L	20	385		403		5		P
Arsenic	ug/L	20	366		384		5		P
Barium	ug/L	20	103		109		6		P
Beryllium	ug/L	20	78.5		85.5		9		P
Cadmium	ug/L	20	340		350		3		P
Calcium	ug/L	20	6450		6780		5		P
Chromium	ug/L	20	186		194		4		P
Cobalt	ug/L	20	88.2		92.7		5		P
Copper	ug/L	20	155		161		4		P
Iron	ug/L	20	1600		1660		4		P
Lead	ug/L	20	958		992		3		P
Magnesium	ug/L	20	2130		2250		5		P
Manganese	ug/L	20	135		143		6		P
Nickel	ug/L	20	233		244		5		P
Potassium	ug/L	20	6120		6370		4		P
Selenium	ug/L	20	908		954		5		P
Silver	ug/L	20	16.6		21.1		24	*	P
Sodium	ug/L	20	2630		2720		3		P
Thallium	ug/L	20	856		849		1		P
Vanadium	ug/L	20	133		143		7		P
Zinc	ug/L	20	459		475		3		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>Q3766</u>
Contract:	<u>TETR16</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170842BS							
Aluminum	ug/L	1000	920		92	80 - 120	P
Antimony	ug/L	400	392		98	80 - 120	P
Arsenic	ug/L	400	380		95	80 - 120	P
Barium	ug/L	100	89.1		89	80 - 120	P
Beryllium	ug/L	100	91.4		91	80 - 120	P
Cadmium	ug/L	100	93.1		93	80 - 120	P
Calcium	ug/L	500	470	J	94	80 - 120	P
Chromium	ug/L	200	191		96	80 - 120	P
Cobalt	ug/L	100	93.7		94	80 - 120	P
Copper	ug/L	150	149		99	80 - 120	P
Iron	ug/L	1500	1390		93	80 - 120	P
Lead	ug/L	500	460		92	80 - 120	P
Magnesium	ug/L	1000	934	J	93	80 - 120	P
Manganese	ug/L	100	92.2		92	80 - 120	P
Nickel	ug/L	250	235		94	80 - 120	P
Potassium	ug/L	5000	4530		91	80 - 120	P
Selenium	ug/L	1000	982		98	80 - 120	P
Silver	ug/L	37.5	35.7		95	80 - 120	P
Sodium	ug/L	1500	1380		92	80 - 120	P
Thallium	ug/L	1000	923		92	80 - 120	P
Vanadium	ug/L	150	139		93	80 - 120	P
Zinc	ug/L	100	100		100	80 - 120	P

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ICP SERIAL DILUTIONS

SAMPLE NO.

MC0KH7L

Lab Name: Alliance **Contract:** TETR16
Lab Code: ACE **Lb No.:** lb138174 **Lab Sample ID :** Q3766-09L **SDG No.:** Q3766
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	10.8	J	250	U	100.0		P
Antimony	10.3	J	125	U	100.0		P
Arsenic	10.0	U	50.0	U			P
Barium	16.4	J	250	U	100.0		P
Beryllium	3.00	U	15.0	U			P
Cadmium	268		280		4		P
Calcium	6310		6460		2		P
Chromium	5.00	U	25.0	U			P
Cobalt	15.0	U	75.0	U			P
Copper	17.1		18.0	J	5		P
Iron	188		169	J	10		P
Lead	570		586		3		P
Magnesium	1320		1330	J	1		P
Manganese	50.6		48.7	J	4		P
Nickel	17.5	J	18.1	J	4		P
Potassium	1650		5000	U	100.0		P
Selenium	11.1		50.0	U	100.0		P
Silver	5.00	U	25.0	U			P
Sodium	1370		5000	U	100.0		P
Thallium	3.95	J	21.6	J	448		P
Vanadium	20.0	U	100	U			P
Zinc	391		399		2		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3766

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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3766

Contract: TETR16

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3766

Contract: TETR16

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

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ICP INTERELEMEN CORRECTION FACTORS

Client: Tetra Tech, EMI

SDG No.: Q3766

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:				
		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.: Q3766

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.:** Q3766
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: PB170842							
PB170842BL	PB170842BL	MB	WATER	12/05/2025	50.0	25.0	
PB170842BS	PB170842BS	LCS	WATER	12/05/2025	50.0	25.0	
Q3766-01	MC0KG9	SAM	WATER	12/05/2025	50.0	25.0	
Q3766-02	MC0KH0	SAM	WATER	12/05/2025	50.0	25.0	
Q3766-03	MC0KH1	SAM	WATER	12/05/2025	50.0	25.0	
Q3766-04	MC0KH2	SAM	WATER	12/05/2025	50.0	25.0	
Q3766-05	MC0KH3	SAM	WATER	12/05/2025	50.0	25.0	
Q3766-06	MC0KH4	SAM	WATER	12/05/2025	50.0	25.0	
Q3766-07	MC0KH5	SAM	WATER	12/05/2025	50.0	25.0	
Q3766-08	MC0KH6	SAM	WATER	12/05/2025	50.0	25.0	
Q3766-09	MC0KH7	SAM	WATER	12/05/2025	50.0	25.0	
Q3766-09DUP	MC0KH7DUP	DUP	WATER	12/05/2025	50.0	25.0	
Q3766-10	MC0KH7MS	MS	WATER	12/05/2025	50.0	25.0	
Q3766-11	MC0KH7MSD	MSD	WATER	12/05/2025	50.0	25.0	
Q3766-12	MC0KH8	SAM	WATER	12/05/2025	50.0	25.0	
Q3766-13	MC0KH9	SAM	WATER	12/05/2025	50.0	25.0	
Q3766-14	MC0KJ0	SAM	WATER	12/05/2025	50.0	25.0	

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ANALYSIS RUN LOG

Client: Tetra Tech, EMI

Contract: TETR16

Lab code: ACE

Sdg no.: Q3766

Instrument id number:
Method:
Run number: LB138174

Start date: 12/09/2025

End date: 12/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1138	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1143	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1147	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1151	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1155	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1159	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1215	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1219	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1224	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1228	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1232	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1237	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1249	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1253	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1341	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1345	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1509	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1513	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1600	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1604	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
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
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
PB170842BL	PB170842BL	1	2000	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170842BS	PB170842BS	1	2004	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-01	MC0KG9	1	2008	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-02	MC0KH0	1	2012	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-03	MC0KH1	1	2017	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
Q3766-04	MC0KH2	1	2045	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-05	MC0KH3	1	2049	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-06	MC0KH4	1	2054	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-07	MC0KH5	1	2058	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-08	MC0KH6	1	2102	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-09	MC0KH7	1	2106	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.: Q3766

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
Q3766-09DUP	MC0KH7DUP	1	2111	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-09L	MC0KH7L	5	2115	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-10	MC0KH7MS	1	2119	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-11	MC0KH7MSD	1	2123	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
Q3766-09A	MC0KH7A	1	2136	Ag,Cd,Zn
Q3766-12	MC0KH8	1	2140	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-13	MC0KH9	1	2144	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3766-14	MC0KJ0	1	2148	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2217	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2222	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV12	CCV12	1	2320	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB12	CCB12	1	2325	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV13	CCV13	1	2341	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB13	CCB13	1	2345	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



SHIPPING DOCUMENTS

USEPA CLP COC (LAB COPY)

CHAIN OF CUSTODY RECORD

No: 3-120225-105411-0113

DateShipped: 12/2/2025

Lab: Alliance Technical Group, LLC

CarrierName: FedEx

Lab Contact: Yazmeen Gomez

AirbillNo: 8866 4105 7117

DAS #: R37106

Lab Phone: (908) 728-3147

Cooler #:

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
ET-Dis-SW-01-20251201	MC0KG9	Surface Water/ START	Grab	Metals(7)	3236 (HNO3, 6 C) (1)	SW-01	12/01/2025 14:15	# 513329 pH 1.0
ET-Dis-SW-02-20251201	MC0KH0	Surface Water/ START	Grab	Metals(7)	3237 (HNO3, 6 C) (1)	SW-02	12/01/2025 13:01	
ET-Dis-SW-03-20251201	MC0KH1	Surface Water/ START	Grab	Metals(7)	3238 (HNO3, 6 C) (1)	SW-03	12/01/2025 13:12	
ET-Dis-SW-04-20251201	MC0KH2	Surface Water/ START	Grab	Metals(7)	3239 (HNO3, 6 C) (1)	SW-04	12/01/2025 11:54	
ET-Dis-WW-01-20251201	MC0KH3	Waste Water/ START	Grab	Metals(7)	3240 (HNO3, 6 C) (1)	WW-01	12/01/2025 13:55	
ET-Dis-WW-02-20251201	MC0KH4	Waste Water/ START	Grab	Metals(7)	3241 (HNO3, 6 C) (1)	WW-02	12/01/2025 13:30	
ET-Dis-WW-03-20251201	MC0KH5	Waste Water/ START	Grab	Metals(7)	3242 (HNO3, 6 C) (1)	WW-03	12/01/2025 14:35	
ET-Dis-WW-04-20251201	MC0KH6	Waste Water/ START	Grab	Metals(7)	3243 (HNO3, 6 C) (1)	WW-04	12/01/2025 11:29	
ET-Dis-WW-05-20251201	MC0KH7	Waste Water/ START	Grab	Metals(7)	3244 (HNO3, 6 C), 3249 (HNO3, 6 C) (2)	WW-05	12/01/2025 12:45	
ET-Dis-WW-06-20251201	MC0KH8	Waste Water/ START	Grab	Metals(7)	3245 (HNO3, 6 C) (1)	WW-06	12/01/2025 13:45	

Sample(s) to be used for Lab QC: ET-Dis-WW-05-20251201 Tag 3244, ET-Dis-WW-05-20251201 Tag 3249	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	Emilfuer / START	12/2/25 1130	CL	10:53 12/3/25	IR con #1 2.9

USEPA CLP COC (LAB COPY)

CHAIN OF CUSTODY RECORD

No: 3-120225-105411-0113

DateShipped: 12/2/2025

Lab: Alliance Technical Group, LLC

CarrierName: FedEx

Lab Contact: Yazmeen Gomez

AirbillNo: 8866 4105 7117

DAS #: R37106

Lab Phone: (908) 728-3147

Cooler #:

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
ET-Dis-WW-08-20251201	MC0KH9	Waste Water/ START	Grab	Metals(7)	• 3246 (HNO3, 6 C) (1)	WW-08	12/01/2025 12:26	PH 1.0 # 13329
ET-Dis-DUP-02-20251201	MC0KJ0	Surface Water/ START	Grab	Metals(7)	• 3247 (HNO3, 6 C) (1)	QC	12/01/2025 12:00	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	Gen Gail / START	12/2/25 1130	CD	10:53 12/3/25	22.60 #1 29.

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