

LAB CHRONICLE

OrderID:	Q1122	OrderDate:	1/17/2025 8:43:00 AM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	Location:	E11,M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1122-01	RW10A-20250116	Water			01/16/25			01/16/25
			Mercury	7470A		01/22/25	01/23/25	
			Metals ICP-TAL	6010D		01/21/25	01/21/25	
Q1122-02	RW10A-F-20250116	Water			01/16/25			01/16/25
			Dissolved ICP-TAL Metals	6010D		01/21/25	01/21/25	
			Dissolved Mercury	7470A		01/22/25	01/23/25	

Hit Summary Sheet SW-846

SDG No.: Q1122 **Order ID:** Q1122
Client: Tetra Tech NUS, Inc. **Project ID:** NWIRP Bethpage 112G08005-WE13

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : RW10A-20250116									
Q1122-01	RW10A-20250116	Water	Aluminum	704		28.3	40.0	50.0	ug/L
Q1122-01	RW10A-20250116	Water	Barium	10.5	J	6.28	12.5	50.0	ug/L
Q1122-01	RW10A-20250116	Water	Beryllium	0.14	J	0.13	0.75	3.00	ug/L
Q1122-01	RW10A-20250116	Water	Calcium	9470		33.0	250	1000	ug/L
Q1122-01	RW10A-20250116	Water	Chromium	0.70	J	0.66	2.50	5.00	ug/L
Q1122-01	RW10A-20250116	Water	Cobalt	17.4		0.50	3.75	15.0	ug/L
Q1122-01	RW10A-20250116	Water	Copper	25.7		7.07	8.00	10.0	ug/L
Q1122-01	RW10A-20250116	Water	Iron	2190		18.5	40.0	50.0	ug/L
Q1122-01	RW10A-20250116	Water	Magnesium	3880		39.4	250	1000	ug/L
Q1122-01	RW10A-20250116	Water	Manganese	113		1.46	2.50	10.0	ug/L
Q1122-01	RW10A-20250116	Water	Nickel	18.4	J	0.85	5.00	20.0	ug/L
Q1122-01	RW10A-20250116	Water	Potassium	3090		685	800	1000	ug/L
Q1122-01	RW10A-20250116	Water	Silver	0.65	J	0.58	2.50	5.00	ug/L
Q1122-01	RW10A-20250116	Water	Sodium	47400		237	500	1000	ug/L
Q1122-01	RW10A-20250116	Water	Zinc	78.2		1.75	5.00	20.0	ug/L
Client ID : RW10A-F-20250116									
Q1122-02	RW10A-F-20250116	Water	Aluminum	696		28.3	40.0	50.0	ug/L
Q1122-02	RW10A-F-20250116	Water	Barium	10.2	J	6.28	12.5	50.0	ug/L
Q1122-02	RW10A-F-20250116	Water	Beryllium	0.14	J	0.13	0.75	3.00	ug/L
Q1122-02	RW10A-F-20250116	Water	Calcium	9420		33.0	250	1000	ug/L
Q1122-02	RW10A-F-20250116	Water	Cobalt	17.4		0.50	3.75	15.0	ug/L
Q1122-02	RW10A-F-20250116	Water	Copper	18.4		7.07	8.00	10.0	ug/L
Q1122-02	RW10A-F-20250116	Water	Iron	2190		18.5	40.0	50.0	ug/L
Q1122-02	RW10A-F-20250116	Water	Magnesium	3880		39.4	250	1000	ug/L
Q1122-02	RW10A-F-20250116	Water	Manganese	114		1.46	2.50	10.0	ug/L
Q1122-02	RW10A-F-20250116	Water	Nickel	18.5	J	0.85	5.00	20.0	ug/L
Q1122-02	RW10A-F-20250116	Water	Potassium	3030		685	800	1000	ug/L
Q1122-02	RW10A-F-20250116	Water	Sodium	47700		237	500	1000	ug/L
Q1122-02	RW10A-F-20250116	Water	Zinc	77.8		1.75	5.00	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/16/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	01/16/25
Client Sample ID:	RW10A-20250116	SDG No.:	Q1122
Lab Sample ID:	Q1122-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	704	N	1	28.3	40.0	50.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-36-0	Antimony	6.25	U	1	2.06	6.25	25.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-38-2	Arsenic	8.00	U	1	3.48	8.00	10.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-39-3	Barium	10.5	JN	1	6.28	12.5	50.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-41-7	Beryllium	0.14	JN	1	0.13	0.75	3.00	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-43-9	Cadmium	0.75	U	1	0.094	0.75	3.00	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-70-2	Calcium	9470		1	33.0	250	1000	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-47-3	Chromium	0.70	J	1	0.66	2.50	5.00	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-48-4	Cobalt	17.4		1	0.50	3.75	15.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-50-8	Copper	25.7		1	7.07	8.00	10.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7439-89-6	Iron	2190	N	1	18.5	40.0	50.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7439-92-1	Lead	4.80	U	1	3.51	4.80	6.00	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7439-95-4	Magnesium	3880	N	1	39.4	250	1000	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7439-96-5	Manganese	113	N	1	1.46	2.50	10.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	01/22/25 15:10	01/23/25 10:39	SW7470A	
7440-02-0	Nickel	18.4	J	1	0.85	5.00	20.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-09-7	Potassium	3090		1	685	800	1000	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7782-49-2	Selenium	8.00	U	1	5.88	8.00	10.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-22-4	Silver	0.65	J	1	0.58	2.50	5.00	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-23-5	Sodium	47400		1	237	500	1000	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-28-0	Thallium	10.0	U	1	2.32	10.0	20.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-62-2	Vanadium	10.0	UN	1	3.06	10.0	20.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010
7440-66-6	Zinc	78.2		1	1.75	5.00	20.0	ug/L	01/21/25 10:40	01/21/25 14:26	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	METALS-TAL			

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 NUS, Inc.	Date Collected:	01/16/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	01/16/25
Client Sample ID:	RW10A-F-20250116	SDG No.:	Q1122
Lab Sample ID:	Q1122-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	696	N	1	28.3	40.0	50.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-36-0	Antimony	6.25	U	1	2.06	6.25	25.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-38-2	Arsenic	8.00	U	1	3.48	8.00	10.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-39-3	Barium	10.2	JN	1	6.28	12.5	50.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-41-7	Beryllium	0.14	JN	1	0.13	0.75	3.00	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-43-9	Cadmium	0.75	U	1	0.094	0.75	3.00	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-70-2	Calcium	9420		1	33.0	250	1000	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-47-3	Chromium	2.50	U	1	0.66	2.50	5.00	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-48-4	Cobalt	17.4		1	0.50	3.75	15.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-50-8	Copper	18.4		1	7.07	8.00	10.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7439-89-6	Iron	2190	N	1	18.5	40.0	50.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7439-92-1	Lead	4.80	U	1	3.51	4.80	6.00	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7439-95-4	Magnesium	3880	N	1	39.4	250	1000	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7439-96-5	Manganese	114	N	1	1.46	2.50	10.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	01/22/25 15:10	01/23/25 10:42	SW7470A	
7440-02-0	Nickel	18.5	J	1	0.85	5.00	20.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-09-7	Potassium	3030		1	685	800	1000	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7782-49-2	Selenium	8.00	U	1	5.88	8.00	10.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-22-4	Silver	2.50	U	1	0.58	2.50	5.00	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-23-5	Sodium	47700		1	237	500	1000	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-28-0	Thallium	10.0	U	1	2.32	10.0	20.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-62-2	Vanadium	10.0	UN	1	3.06	10.0	20.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010
7440-66-6	Zinc	77.8		1	1.75	5.00	20.0	ug/L	01/21/25 10:40	01/21/25 14:30	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	DISSOLVED METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1122
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1122 **SAS No.:** Q1122
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV66	Mercury	4.06	4.0	102	90 - 110	CV	01/23/2025	10:19	LB134375

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1122
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1122 **SAS No.:** Q1122
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV62	Mercury	5.08	5.0	102	90 - 110	CV	01/23/2025	10:23	LB134375
CCV63	Mercury	5.17	5.0	103	90 - 110	CV	01/23/2025	10:56	LB134375
CCV64	Mercury	5.10	5.0	102	90 - 110	CV	01/23/2025	11:10	LB134375

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1122

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1122 **SAS No.:** Q1122

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	2400	2500	96	90 - 110	P	01/21/2025	11:26	LB134358
	Antimony	1020	1000	102	90 - 110	P	01/21/2025	11:26	LB134358
	Arsenic	1030	1000	103	90 - 110	P	01/21/2025	11:26	LB134358
	Barium	477	520	92	90 - 110	P	01/21/2025	11:26	LB134358
	Beryllium	485	510	95	90 - 110	P	01/21/2025	11:26	LB134358
	Cadmium	505	510	99	90 - 110	P	01/21/2025	11:26	LB134358
	Calcium	9610	10000	96	90 - 110	P	01/21/2025	11:26	LB134358
	Chromium	529	520	102	90 - 110	P	01/21/2025	11:26	LB134358
	Cobalt	509	520	98	90 - 110	P	01/21/2025	11:26	LB134358
	Copper	524	510	103	90 - 110	P	01/21/2025	11:26	LB134358
	Iron	10300	10000	103	90 - 110	P	01/21/2025	11:26	LB134358
	Lead	1010	1000	101	90 - 110	P	01/21/2025	11:26	LB134358
	Magnesium	5700	6000	95	90 - 110	P	01/21/2025	11:26	LB134358
	Manganese	494	520	95	90 - 110	P	01/21/2025	11:26	LB134358
	Nickel	511	530	96	90 - 110	P	01/21/2025	11:26	LB134358
	Potassium	10000	9900	101	90 - 110	P	01/21/2025	11:26	LB134358
	Selenium	1040	1000	104	90 - 110	P	01/21/2025	11:26	LB134358
	Silver	252	250	101	90 - 110	P	01/21/2025	11:26	LB134358
	Sodium	9990	10000	100	90 - 110	P	01/21/2025	11:26	LB134358
	Thallium	1040	1000	104	90 - 110	P	01/21/2025	11:26	LB134358
	Vanadium	483	500	97	90 - 110	P	01/21/2025	11:26	LB134358
	Zinc	1020	1000	102	90 - 110	P	01/21/2025	11:26	LB134358

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1122
Contract: TETR06 Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122
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	90.4	100	90	80 - 120	P	01/21/2025	11:35	LB134358
	Antimony	49.2	50.0	98	80 - 120	P	01/21/2025	11:35	LB134358
	Arsenic	20.6	20.0	103	80 - 120	P	01/21/2025	11:35	LB134358
	Barium	93.4	100	93	80 - 120	P	01/21/2025	11:35	LB134358
	Beryllium	5.63	6.0	94	80 - 120	P	01/21/2025	11:35	LB134358
	Cadmium	5.80	6.0	97	80 - 120	P	01/21/2025	11:35	LB134358
	Calcium	1930	2000	96	80 - 120	P	01/21/2025	11:35	LB134358
	Chromium	9.51	10.0	95	80 - 120	P	01/21/2025	11:35	LB134358
	Cobalt	28.9	30.0	96	80 - 120	P	01/21/2025	11:35	LB134358
	Copper	21.6	20.0	108	80 - 120	P	01/21/2025	11:35	LB134358
	Iron	109	100	109	80 - 120	P	01/21/2025	11:35	LB134358
	Lead	11.8	12.0	98	80 - 120	P	01/21/2025	11:35	LB134358
	Magnesium	2030	2000	102	80 - 120	P	01/21/2025	11:35	LB134358
	Manganese	19.8	20.0	99	80 - 120	P	01/21/2025	11:35	LB134358
	Nickel	38.6	40.0	96	80 - 120	P	01/21/2025	11:35	LB134358
	Potassium	1980	2000	99	80 - 120	P	01/21/2025	11:35	LB134358
	Selenium	19.4	20.0	97	80 - 120	P	01/21/2025	11:35	LB134358
	Silver	10.3	10.0	103	80 - 120	P	01/21/2025	11:35	LB134358
	Sodium	2000	2000	100	80 - 120	P	01/21/2025	11:35	LB134358
	Thallium	39.3	40.0	98	80 - 120	P	01/21/2025	11:35	LB134358
	Vanadium	38.6	40.0	96	80 - 120	P	01/21/2025	11:35	LB134358
	Zinc	41.9	40.0	105	80 - 120	P	01/21/2025	11:35	LB134358

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1122
 Contract: TETR06 Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122
 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
CCV01	Aluminum	9840	10000	98	90 - 110	P	01/21/2025	12:12	LB134358
	Antimony	4970	5000	100	90 - 110	P	01/21/2025	12:12	LB134358
	Arsenic	4890	5000	98	90 - 110	P	01/21/2025	12:12	LB134358
	Barium	9850	10000	98	90 - 110	P	01/21/2025	12:12	LB134358
	Beryllium	240	250	96	90 - 110	P	01/21/2025	12:12	LB134358
	Cadmium	2450	2500	98	90 - 110	P	01/21/2025	12:12	LB134358
	Calcium	24500	25000	98	90 - 110	P	01/21/2025	12:12	LB134358
	Chromium	992	1000	99	90 - 110	P	01/21/2025	12:12	LB134358
	Cobalt	2450	2500	98	90 - 110	P	01/21/2025	12:12	LB134358
	Copper	1240	1250	100	90 - 110	P	01/21/2025	12:12	LB134358
	Iron	5040	5000	101	90 - 110	P	01/21/2025	12:12	LB134358
	Lead	4890	5000	98	90 - 110	P	01/21/2025	12:12	LB134358
	Magnesium	24300	25000	97	90 - 110	P	01/21/2025	12:12	LB134358
	Manganese	2450	2500	98	90 - 110	P	01/21/2025	12:12	LB134358
	Nickel	2450	2500	98	90 - 110	P	01/21/2025	12:12	LB134358
	Potassium	25300	25000	101	90 - 110	P	01/21/2025	12:12	LB134358
	Selenium	4940	5000	99	90 - 110	P	01/21/2025	12:12	LB134358
	Silver	1240	1250	99	90 - 110	P	01/21/2025	12:12	LB134358
	Sodium	25300	25000	101	90 - 110	P	01/21/2025	12:12	LB134358
	Thallium	5100	5000	102	90 - 110	P	01/21/2025	12:12	LB134358
	Vanadium	2460	2500	98	90 - 110	P	01/21/2025	12:12	LB134358
	Zinc	2490	2500	100	90 - 110	P	01/21/2025	12:12	LB134358
CCV02	Aluminum	9660	10000	97	90 - 110	P	01/21/2025	13:01	LB134358
	Antimony	4910	5000	98	90 - 110	P	01/21/2025	13:01	LB134358
	Arsenic	4820	5000	96	90 - 110	P	01/21/2025	13:01	LB134358
	Barium	9770	10000	98	90 - 110	P	01/21/2025	13:01	LB134358
	Beryllium	238	250	95	90 - 110	P	01/21/2025	13:01	LB134358
	Cadmium	2420	2500	97	90 - 110	P	01/21/2025	13:01	LB134358
	Calcium	24000	25000	96	90 - 110	P	01/21/2025	13:01	LB134358
	Chromium	984	1000	98	90 - 110	P	01/21/2025	13:01	LB134358
	Cobalt	2420	2500	97	90 - 110	P	01/21/2025	13:01	LB134358
	Copper	1230	1250	98	90 - 110	P	01/21/2025	13:01	LB134358
	Iron	5050	5000	101	90 - 110	P	01/21/2025	13:01	LB134358
	Lead	4820	5000	96	90 - 110	P	01/21/2025	13:01	LB134358

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1122
Contract: TETR06 Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23800	25000	95	90 - 110	P	01/21/2025	13:01	LB134358
	Manganese	2400	2500	96	90 - 110	P	01/21/2025	13:01	LB134358
	Nickel	2420	2500	97	90 - 110	P	01/21/2025	13:01	LB134358
	Potassium	25100	25000	101	90 - 110	P	01/21/2025	13:01	LB134358
	Selenium	4870	5000	97	90 - 110	P	01/21/2025	13:01	LB134358
	Silver	1230	1250	99	90 - 110	P	01/21/2025	13:01	LB134358
	Sodium	25100	25000	100	90 - 110	P	01/21/2025	13:01	LB134358
	Thallium	5100	5000	102	90 - 110	P	01/21/2025	13:01	LB134358
	Vanadium	2420	2500	97	90 - 110	P	01/21/2025	13:01	LB134358
	Zinc	2470	2500	99	90 - 110	P	01/21/2025	13:01	LB134358
CCV03	Aluminum	9610	10000	96	90 - 110	P	01/21/2025	13:18	LB134358
	Antimony	4940	5000	99	90 - 110	P	01/21/2025	13:18	LB134358
	Arsenic	4870	5000	97	90 - 110	P	01/21/2025	13:18	LB134358
	Barium	9590	10000	96	90 - 110	P	01/21/2025	13:18	LB134358
	Beryllium	233	250	93	90 - 110	P	01/21/2025	13:18	LB134358
	Cadmium	2410	2500	96	90 - 110	P	01/21/2025	13:18	LB134358
	Calcium	23700	25000	95	90 - 110	P	01/21/2025	13:18	LB134358
	Chromium	974	1000	97	90 - 110	P	01/21/2025	13:18	LB134358
	Cobalt	2410	2500	96	90 - 110	P	01/21/2025	13:18	LB134358
	Copper	1230	1250	98	90 - 110	P	01/21/2025	13:18	LB134358
	Iron	4840	5000	97	90 - 110	P	01/21/2025	13:18	LB134358
	Lead	4810	5000	96	90 - 110	P	01/21/2025	13:18	LB134358
	Magnesium	23700	25000	95	90 - 110	P	01/21/2025	13:18	LB134358
	Manganese	2360	2500	94	90 - 110	P	01/21/2025	13:18	LB134358
	Nickel	2410	2500	96	90 - 110	P	01/21/2025	13:18	LB134358
	Potassium	24200	25000	97	90 - 110	P	01/21/2025	13:18	LB134358
	Selenium	4910	5000	98	90 - 110	P	01/21/2025	13:18	LB134358
	Silver	1200	1250	96	90 - 110	P	01/21/2025	13:18	LB134358
	Sodium	24400	25000	98	90 - 110	P	01/21/2025	13:18	LB134358
	Thallium	5090	5000	102	90 - 110	P	01/21/2025	13:18	LB134358
	Vanadium	2390	2500	96	90 - 110	P	01/21/2025	13:18	LB134358
	Zinc	2430	2500	97	90 - 110	P	01/21/2025	13:18	LB134358
CCV04	Aluminum	9510	10000	95	90 - 110	P	01/21/2025	13:56	LB134358
	Antimony	5020	5000	100	90 - 110	P	01/21/2025	13:56	LB134358

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1122
 Contract: TETR06 Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122
 Initial Calibration Source: EPA
 Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4940	5000	99	90 - 110	P	01/21/2025	13:56	LB134358
	Barium	9550	10000	96	90 - 110	P	01/21/2025	13:56	LB134358
	Beryllium	226	250	90	90 - 110	P	01/21/2025	13:56	LB134358
	Cadmium	2410	2500	96	90 - 110	P	01/21/2025	13:56	LB134358
	Calcium	23300	25000	93	90 - 110	P	01/21/2025	13:56	LB134358
	Chromium	959	1000	96	90 - 110	P	01/21/2025	13:56	LB134358
	Cobalt	2410	2500	96	90 - 110	P	01/21/2025	13:56	LB134358
	Copper	1240	1250	99	90 - 110	P	01/21/2025	13:56	LB134358
	Iron	4930	5000	99	90 - 110	P	01/21/2025	13:56	LB134358
	Lead	4790	5000	96	90 - 110	P	01/21/2025	13:56	LB134358
	Magnesium	22900	25000	92	90 - 110	P	01/21/2025	13:56	LB134358
	Manganese	2310	2500	92	90 - 110	P	01/21/2025	13:56	LB134358
	Nickel	2410	2500	96	90 - 110	P	01/21/2025	13:56	LB134358
	Potassium	25100	25000	101	90 - 110	P	01/21/2025	13:56	LB134358
	Selenium	5040	5000	101	90 - 110	P	01/21/2025	13:56	LB134358
	Silver	1210	1250	96	90 - 110	P	01/21/2025	13:56	LB134358
	Sodium	25300	25000	101	90 - 110	P	01/21/2025	13:56	LB134358
	Thallium	5060	5000	101	90 - 110	P	01/21/2025	13:56	LB134358
	Vanadium	2360	2500	94	90 - 110	P	01/21/2025	13:56	LB134358
	Zinc	2420	2500	97	90 - 110	P	01/21/2025	13:56	LB134358
CCV05	Aluminum	9740	10000	97	90 - 110	P	01/21/2025	15:03	LB134358
	Antimony	5040	5000	101	90 - 110	P	01/21/2025	15:03	LB134358
	Arsenic	4970	5000	99	90 - 110	P	01/21/2025	15:03	LB134358
	Barium	9770	10000	98	90 - 110	P	01/21/2025	15:03	LB134358
	Beryllium	230	250	92	90 - 110	P	01/21/2025	15:03	LB134358
	Cadmium	2430	2500	97	90 - 110	P	01/21/2025	15:03	LB134358
	Calcium	23900	25000	96	90 - 110	P	01/21/2025	15:03	LB134358
	Chromium	978	1000	98	90 - 110	P	01/21/2025	15:03	LB134358
	Cobalt	2430	2500	97	90 - 110	P	01/21/2025	15:03	LB134358
	Copper	1250	1250	100	90 - 110	P	01/21/2025	15:03	LB134358
	Iron	5010	5000	100	90 - 110	P	01/21/2025	15:03	LB134358
	Lead	4840	5000	97	90 - 110	P	01/21/2025	15:03	LB134358
	Magnesium	23700	25000	95	90 - 110	P	01/21/2025	15:03	LB134358
	Manganese	2380	2500	95	90 - 110	P	01/21/2025	15:03	LB134358

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1122

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1122 **SAS No.:** Q1122

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2430	2500	97	90 - 110	P	01/21/2025	15:03	LB134358
	Potassium	25400	25000	102	90 - 110	P	01/21/2025	15:03	LB134358
	Selenium	5030	5000	101	90 - 110	P	01/21/2025	15:03	LB134358
	Silver	1220	1250	97	90 - 110	P	01/21/2025	15:03	LB134358
	Sodium	25600	25000	102	90 - 110	P	01/21/2025	15:03	LB134358
	Thallium	5110	5000	102	90 - 110	P	01/21/2025	15:03	LB134358
	Vanadium	2420	2500	97	90 - 110	P	01/21/2025	15:03	LB134358
	Zinc	2450	2500	98	90 - 110	P	01/21/2025	15:03	LB134358

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1122
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1122 **SAS No.:** Q1122
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	91.5	100	92	40 - 160	P	01/21/2025	11:59	LB134358
	Antimony	48.9	50.0	98	40 - 160	P	01/21/2025	11:59	LB134358
	Arsenic	20.8	20.0	104	40 - 160	P	01/21/2025	11:59	LB134358
	Barium	87.2	100	87	40 - 160	P	01/21/2025	11:59	LB134358
	Beryllium	5.73	6.0	96	40 - 160	P	01/21/2025	11:59	LB134358
	Cadmium	5.73	6.0	96	40 - 160	P	01/21/2025	11:59	LB134358
	Calcium	1890	2000	94	40 - 160	P	01/21/2025	11:59	LB134358
	Chromium	9.51	10.0	95	40 - 160	P	01/21/2025	11:59	LB134358
	Cobalt	29.0	30.0	97	40 - 160	P	01/21/2025	11:59	LB134358
	Copper	21.6	20.0	108	40 - 160	P	01/21/2025	11:59	LB134358
	Iron	101	100	101	40 - 160	P	01/21/2025	11:59	LB134358
	Lead	11.6	12.0	97	40 - 160	P	01/21/2025	11:59	LB134358
	Magnesium	1990	2000	100	40 - 160	P	01/21/2025	11:59	LB134358
	Manganese	19.3	20.0	96	40 - 160	P	01/21/2025	11:59	LB134358
	Nickel	38.7	40.0	97	40 - 160	P	01/21/2025	11:59	LB134358
	Potassium	1910	2000	96	40 - 160	P	01/21/2025	11:59	LB134358
	Selenium	19.8	20.0	99	40 - 160	P	01/21/2025	11:59	LB134358
	Silver	11.1	10.0	111	40 - 160	P	01/21/2025	11:59	LB134358
	Sodium	1960	2000	98	40 - 160	P	01/21/2025	11:59	LB134358
	Thallium	40.3	40.0	101	40 - 160	P	01/21/2025	11:59	LB134358
	Vanadium	38.1	40.0	95	40 - 160	P	01/21/2025	11:59	LB134358
	Zinc	42.1	40.0	105	40 - 160	P	01/21/2025	11:59	LB134358
CRA	Mercury	0.17	0.2	85	40 - 160	CV	01/23/2025	10:28	LB134375



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	Tetra Tech NUS, Inc.				SDG No.:	Q1122				
Contract:	TETR06	Lab Code:	CHEM	Case No.:	Q1122	SAS No.:	Q1122			
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB66	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	01/23/2025	10:21	LB134375

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Tetra Tech NUS, Inc.</u>		SDG No.: <u>Q1122</u>								
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1122</u>	SAS No.: <u>Q1122</u>				
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB62	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	01/23/2025	10:26	LB134375
CCB63	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	01/23/2025	10:58	LB134375
CCB64	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	01/23/2025	11:12	LB134375

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1122
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1122 **SAS No.:** Q1122

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	80.0	100	P	01/21/2025	11:51	LB134358
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	01/21/2025	11:51	LB134358
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	11:51	LB134358
	Barium	100	+/-100	U	25.0	100	P	01/21/2025	11:51	LB134358
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	01/21/2025	11:51	LB134358
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/21/2025	11:51	LB134358
	Calcium	2000	+/-2000	U	500	2000	P	01/21/2025	11:51	LB134358
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/21/2025	11:51	LB134358
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	01/21/2025	11:51	LB134358
	Copper	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	11:51	LB134358
	Iron	100	+/-100	U	80.0	100	P	01/21/2025	11:51	LB134358
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/21/2025	11:51	LB134358
	Magnesium	2000	+/-2000	U	500	2000	P	01/21/2025	11:51	LB134358
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	01/21/2025	11:51	LB134358
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	01/21/2025	11:51	LB134358
	Potassium	2000	+/-2000	U	1600	2000	P	01/21/2025	11:51	LB134358
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	11:51	LB134358
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/21/2025	11:51	LB134358
	Sodium	2000	+/-2000	U	1000	2000	P	01/21/2025	11:51	LB134358
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	01/21/2025	11:51	LB134358
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	01/21/2025	11:51	LB134358
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	01/21/2025	11:51	LB134358

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q1122								
Contract: TETR06	Lab Code: CHEM	Case No.: Q1122	SAS No.: Q1122							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	80.0	100	P	01/21/2025	12:16	LB134358
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	01/21/2025	12:16	LB134358
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	12:16	LB134358
	Barium	100	+/-100	U	25.0	100	P	01/21/2025	12:16	LB134358
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	01/21/2025	12:16	LB134358
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/21/2025	12:16	LB134358
	Calcium	2000	+/-2000	U	500	2000	P	01/21/2025	12:16	LB134358
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/21/2025	12:16	LB134358
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	01/21/2025	12:16	LB134358
	Copper	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	12:16	LB134358
	Iron	100	+/-100	U	80.0	100	P	01/21/2025	12:16	LB134358
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/21/2025	12:16	LB134358
	Magnesium	2000	+/-2000	U	500	2000	P	01/21/2025	12:16	LB134358
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	01/21/2025	12:16	LB134358
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	01/21/2025	12:16	LB134358
	Potassium	2000	+/-2000	U	1600	2000	P	01/21/2025	12:16	LB134358
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	12:16	LB134358
	Silver	1.24	+/-10.0	J	5.00	10.0	P	01/21/2025	12:16	LB134358
	Sodium	2000	+/-2000	U	1000	2000	P	01/21/2025	12:16	LB134358
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	01/21/2025	12:16	LB134358
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	01/21/2025	12:16	LB134358
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	01/21/2025	12:16	LB134358
CCB02	Aluminum	100	+/-100	U	80.0	100	P	01/21/2025	13:06	LB134358
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	01/21/2025	13:06	LB134358
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	13:06	LB134358
	Barium	100	+/-100	U	25.0	100	P	01/21/2025	13:06	LB134358
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	01/21/2025	13:06	LB134358
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/21/2025	13:06	LB134358
	Calcium	2000	+/-2000	U	500	2000	P	01/21/2025	13:06	LB134358
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/21/2025	13:06	LB134358
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	01/21/2025	13:06	LB134358
	Copper	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	13:06	LB134358
	Iron	100	+/-100	U	80.0	100	P	01/21/2025	13:06	LB134358
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/21/2025	13:06	LB134358
	Magnesium	2000	+/-2000	U	500	2000	P	01/21/2025	13:06	LB134358
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	01/21/2025	13:06	LB134358
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	01/21/2025	13:06	LB134358
	Potassium	2000	+/-2000	U	1600	2000	P	01/21/2025	13:06	LB134358
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	13:06	LB134358

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q1122								
Contract: TETR06	Lab Code: CHEM	Case No.: Q1122	SAS No.: Q1122							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/21/2025	13:06	LB134358
	Sodium	2000	+/-2000	U	1000	2000	P	01/21/2025	13:06	LB134358
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	01/21/2025	13:06	LB134358
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	01/21/2025	13:06	LB134358
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	01/21/2025	13:06	LB134358
CCB03	Aluminum	100	+/-100	U	80.0	100	P	01/21/2025	13:22	LB134358
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	01/21/2025	13:22	LB134358
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	13:22	LB134358
	Barium	100	+/-100	U	25.0	100	P	01/21/2025	13:22	LB134358
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	01/21/2025	13:22	LB134358
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/21/2025	13:22	LB134358
	Calcium	2000	+/-2000	U	500	2000	P	01/21/2025	13:22	LB134358
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/21/2025	13:22	LB134358
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	01/21/2025	13:22	LB134358
	Copper	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	13:22	LB134358
	Iron	100	+/-100	U	80.0	100	P	01/21/2025	13:22	LB134358
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/21/2025	13:22	LB134358
	Magnesium	2000	+/-2000	U	500	2000	P	01/21/2025	13:22	LB134358
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	01/21/2025	13:22	LB134358
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	01/21/2025	13:22	LB134358
	Potassium	2000	+/-2000	U	1600	2000	P	01/21/2025	13:22	LB134358
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	13:22	LB134358
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/21/2025	13:22	LB134358
	Sodium	2000	+/-2000	U	1000	2000	P	01/21/2025	13:22	LB134358
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	01/21/2025	13:22	LB134358
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	01/21/2025	13:22	LB134358
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	01/21/2025	13:22	LB134358
CCB04	Aluminum	100	+/-100	U	80.0	100	P	01/21/2025	14:00	LB134358
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	01/21/2025	14:00	LB134358
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	14:00	LB134358
	Barium	100	+/-100	U	25.0	100	P	01/21/2025	14:00	LB134358
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	01/21/2025	14:00	LB134358
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/21/2025	14:00	LB134358
	Calcium	2000	+/-2000	U	500	2000	P	01/21/2025	14:00	LB134358
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/21/2025	14:00	LB134358
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	01/21/2025	14:00	LB134358
	Copper	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	14:00	LB134358
	Iron	100	+/-100	U	80.0	100	P	01/21/2025	14:00	LB134358
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/21/2025	14:00	LB134358

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1122
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1122 **SAS No.:** Q1122

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	500	2000	P	01/21/2025	14:00	LB134358
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	01/21/2025	14:00	LB134358
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	01/21/2025	14:00	LB134358
	Potassium	2000	+/-2000	U	1600	2000	P	01/21/2025	14:00	LB134358
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	14:00	LB134358
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/21/2025	14:00	LB134358
	Sodium	2000	+/-2000	U	1000	2000	P	01/21/2025	14:00	LB134358
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	01/21/2025	14:00	LB134358
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	01/21/2025	14:00	LB134358
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	01/21/2025	14:00	LB134358
CCB05	Aluminum	100	+/-100	U	80.0	100	P	01/21/2025	15:07	LB134358
	Antimony	50.0	+/-50.0	U	12.5	50.0	P	01/21/2025	15:07	LB134358
	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	15:07	LB134358
	Barium	100	+/-100	U	25.0	100	P	01/21/2025	15:07	LB134358
	Beryllium	6.00	+/-6.00	U	1.50	6.00	P	01/21/2025	15:07	LB134358
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/21/2025	15:07	LB134358
	Calcium	2000	+/-2000	U	500	2000	P	01/21/2025	15:07	LB134358
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/21/2025	15:07	LB134358
	Cobalt	30.0	+/-30.0	U	7.50	30.0	P	01/21/2025	15:07	LB134358
	Copper	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	15:07	LB134358
	Iron	100	+/-100	U	80.0	100	P	01/21/2025	15:07	LB134358
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/21/2025	15:07	LB134358
	Magnesium	2000	+/-2000	U	500	2000	P	01/21/2025	15:07	LB134358
	Manganese	20.0	+/-20.0	U	5.00	20.0	P	01/21/2025	15:07	LB134358
	Nickel	40.0	+/-40.0	U	10.0	40.0	P	01/21/2025	15:07	LB134358
	Potassium	2000	+/-2000	U	1600	2000	P	01/21/2025	15:07	LB134358
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/21/2025	15:07	LB134358
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/21/2025	15:07	LB134358
	Sodium	2000	+/-2000	U	1000	2000	P	01/21/2025	15:07	LB134358
	Thallium	40.0	+/-40.0	U	20.0	40.0	P	01/21/2025	15:07	LB134358
	Vanadium	40.0	+/-40.0	U	20.0	40.0	P	01/21/2025	15:07	LB134358
	Zinc	40.0	+/-40.0	U	10.0	40.0	P	01/21/2025	15:07	LB134358

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q1122

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166192BL		WATER		Batch Number:		PB166192		Prep Date:	01/22/2025	
	Mercury	0.20	<0.20	U	0.16	0.20	CV	01/23/2025	10:35	LB134375

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q1122

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166153BL	WATER			Batch Number:		PB166153		Prep Date:	01/21/2025	
	Aluminum	50.0	<50.0	U	40.0	50.0	P	01/21/2025	14:55	LB134358
	Antimony	25.0	<25.0	U	6.25	25.0	P	01/21/2025	14:55	LB134358
	Arsenic	10.0	<10.0	U	8.00	10.0	P	01/21/2025	14:55	LB134358
	Barium	50.0	<50.0	U	12.5	50.0	P	01/21/2025	14:55	LB134358
	Beryllium	3.00	<3.00	U	0.75	3.00	P	01/21/2025	14:55	LB134358
	Cadmium	3.00	<3.00	U	0.75	3.00	P	01/21/2025	14:55	LB134358
	Calcium	1000	<1000	U	250	1000	P	01/21/2025	14:55	LB134358
	Chromium	5.00	<5.00	U	2.50	5.00	P	01/21/2025	14:55	LB134358
	Cobalt	15.0	<15.0	U	3.75	15.0	P	01/21/2025	14:55	LB134358
	Copper	10.0	<10.0	U	8.00	10.0	P	01/21/2025	14:55	LB134358
	Iron	50.0	<50.0	U	40.0	50.0	P	01/21/2025	14:55	LB134358
	Lead	6.00	<6.00	U	4.80	6.00	P	01/21/2025	14:55	LB134358
	Magnesium	1000	<1000	U	250	1000	P	01/21/2025	14:55	LB134358
	Manganese	10.0	<10.0	U	2.50	10.0	P	01/21/2025	14:55	LB134358
	Nickel	20.0	<20.0	U	5.00	20.0	P	01/21/2025	14:55	LB134358
	Potassium	1000	<1000	U	800	1000	P	01/21/2025	14:55	LB134358
	Selenium	10.0	<10.0	U	8.00	10.0	P	01/21/2025	14:55	LB134358
	Silver	5.00	<5.00	U	2.50	5.00	P	01/21/2025	14:55	LB134358
	Sodium	1000	<1000	U	500	1000	P	01/21/2025	14:55	LB134358
	Thallium	20.0	<20.0	U	10.0	20.0	P	01/21/2025	14:55	LB134358
	Vanadium	20.0	<20.0	U	10.0	20.0	P	01/21/2025	14:55	LB134358
	Zinc	20.0	<20.0	U	5.00	20.0	P	01/21/2025	14:55	LB134358

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1122
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1122 **SAS No.:** Q1122
ICS Source: EPA **Instrument ID:** P4

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	242000	255000	95	216000	294000	01/21/2025	12:03	LB134358
	Antimony	-1.90			-50	50	01/21/2025	12:03	LB134358
	Arsenic	-1.38			-20	20	01/21/2025	12:03	LB134358
	Barium	1.39	6.0	23	-94	106	01/21/2025	12:03	LB134358
	Beryllium	1.25			-6	6	01/21/2025	12:03	LB134358
	Cadmium	-1.84	1.0	184	-5	7	01/21/2025	12:03	LB134358
	Calcium	229000	245000	94	208000	282000	01/21/2025	12:03	LB134358
	Chromium	58.1	52.0	112	42	62	01/21/2025	12:03	LB134358
	Cobalt	1.29			-30	30	01/21/2025	12:03	LB134358
	Copper	1.63	2.0	82	-18	22	01/21/2025	12:03	LB134358
	Iron	103000	101000	102	85600	116500	01/21/2025	12:03	LB134358
	Lead	8.78			-12	12	01/21/2025	12:03	LB134358
	Magnesium	243000	255000	95	216000	294000	01/21/2025	12:03	LB134358
	Manganese	5.90	7.0	84	-13	27	01/21/2025	12:03	LB134358
	Nickel	2.86	2.0	143	-38	42	01/21/2025	12:03	LB134358
	Potassium	65.9			0	0	01/21/2025	12:03	LB134358
	Selenium	-12.5			-20	20	01/21/2025	12:03	LB134358
	Silver	2.40			-10	10	01/21/2025	12:03	LB134358
	Sodium	42.8			0	0	01/21/2025	12:03	LB134358
	Thallium	13.6			-40	40	01/21/2025	12:03	LB134358
	Vanadium	4.87			-40	40	01/21/2025	12:03	LB134358
	Zinc	3.58			-40	40	01/21/2025	12:03	LB134358
ICSAB01	Aluminum	240000	247000	97	209000	285000	01/21/2025	12:08	LB134358
	Antimony	631	618	102	525	711	01/21/2025	12:08	LB134358
	Arsenic	108	104	104	88.4	120	01/21/2025	12:08	LB134358
	Barium	476	537	89	437	637	01/21/2025	12:08	LB134358
	Beryllium	476	495	96	420	570	01/21/2025	12:08	LB134358
	Cadmium	1010	972	104	826	1120	01/21/2025	12:08	LB134358
	Calcium	228000	235000	97	199000	271000	01/21/2025	12:08	LB134358
	Chromium	570	542	105	460	624	01/21/2025	12:08	LB134358
	Cobalt	511	476	107	404	548	01/21/2025	12:08	LB134358
	Copper	497	511	97	434	588	01/21/2025	12:08	LB134358
	Iron	104000	99300	105	84400	114500	01/21/2025	12:08	LB134358
	Lead	56.1	49.0	114	37	61	01/21/2025	12:08	LB134358
	Magnesium	242000	248000	98	210000	286000	01/21/2025	12:08	LB134358
	Manganese	472	507	93	430	584	01/21/2025	12:08	LB134358
	Nickel	1010	954	106	810	1100	01/21/2025	12:08	LB134358
	Potassium	54.5			0	0	01/21/2025	12:08	LB134358
	Selenium	38.8	46.0	84	26	66	01/21/2025	12:08	LB134358
	Silver	225	201	112	170	232	01/21/2025	12:08	LB134358
	Sodium	38.8			0	0	01/21/2025	12:08	LB134358
	Thallium	102	108	94	68	148	01/21/2025	12:08	LB134358

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech NUS, Inc.</u>	SDG No.: <u>Q1122</u>
Contract: <u>TETR06</u> Lab Code: <u>CHEM</u>	Case No.: <u>Q1122</u> SAS No.: <u>Q1122</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	471	491	96	417	565	01/21/2025	12:08	LB134358
	Zinc	1070	952	112	809	1095	01/21/2025	12:08	LB134358



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	<u>Tetra Tech NUS, Inc.</u>	level:	<u>low</u>	sdg no.:	<u>Q1122</u>
contract:	<u>TETR06</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1122</u>
matrix:	<u>Water</u>	sample id:	<u>Q1122-02</u>	client id:	<u>RW10A-F-20250116MS</u>
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>Q1122-02MS</u>	Percent Solids for Spike Sample:	<u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	1540		696		1000	84	N	P
Antimony	ug/L	88 - 113	377		25.0	U	400	94		P
Arsenic	ug/L	87 - 113	379		10.0	U	400	95		P
Barium	ug/L	88 - 113	94.7		10.2	J	100	85	N	P
Beryllium	ug/L	89 - 112	85.3		0.14	J	100	85	N	P
Cadmium	ug/L	88 - 113	89.6		3.00	U	100	90		P
Calcium	ug/L	87 - 113	9470		9420		500	9		P
Chromium	ug/L	90 - 113	190		5.00	U	200	95		P
Cobalt	ug/L	89 - 114	109		17.4		100	91		P
Copper	ug/L	86 - 114	158		18.4		150	93		P
Iron	ug/L	87 - 115	3400		2190		1500	81	N	P
Lead	ug/L	86 - 113	442		6.00	U	500	88		P
Magnesium	ug/L	85 - 113	4520		3880		1000	64	N	P
Manganese	ug/L	90 - 114	196		114		100	82	N	P
Nickel	ug/L	88 - 113	246		18.5	J	250	91		P
Potassium	ug/L	86 - 114	7480		3030		5000	89		P
Selenium	ug/L	83 - 114	904		10.0	U	1000	90		P
Silver	ug/L	84 - 115	34.6		5.00	U	37.5	92		P
Sodium	ug/L	87 - 115	44500		47700		1500	-211		P
Thallium	ug/L	85 - 114	929		20.0	U	1000	93		P
Vanadium	ug/L	90 - 111	134		20.0	U	150	89	N	P
Zinc	ug/L	87 - 115	171		77.8		100	93		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Tetra Tech NUS, Inc.</u>	level:	<u>low</u>	sdg no.:	<u>Q1122</u>
contract:	<u>TETR06</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q1122</u>
matrix:	<u>Water</u>	sample id:	<u>Q1122-02</u>	client id:	<u>RW10A-F-20250116MSD</u>
Percent Solids for Sample:	<u>NA</u>	Spiked ID:	<u>Q1122-02MSD</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	86 - 115	1560		696		1000	87		P
Antimony	ug/L	88 - 113	384		25.0	U	400	96		P
Arsenic	ug/L	87 - 113	390		10.0	U	400	98		P
Barium	ug/L	88 - 113	101		10.2	J	100	91		P
Beryllium	ug/L	89 - 112	81.8		0.14	J	100	82	N	P
Cadmium	ug/L	88 - 113	91.4		3.00	U	100	91		P
Calcium	ug/L	87 - 113	9710		9420		500	56		P
Chromium	ug/L	90 - 113	190		5.00	U	200	95		P
Cobalt	ug/L	89 - 114	110		17.4		100	93		P
Copper	ug/L	86 - 114	160		18.4		150	95		P
Iron	ug/L	87 - 115	3600		2190		1500	94		P
Lead	ug/L	86 - 113	450		6.00	U	500	90		P
Magnesium	ug/L	85 - 113	4650		3880		1000	77	N	P
Manganese	ug/L	90 - 114	202		114		100	87	N	P
Nickel	ug/L	88 - 113	251		18.5	J	250	93		P
Potassium	ug/L	86 - 114	7910		3030		5000	98		P
Selenium	ug/L	83 - 114	930		10.0	U	1000	93		P
Silver	ug/L	84 - 115	34.6		5.00	U	37.5	92		P
Sodium	ug/L	87 - 115	47100		47700		1500	-38		P
Thallium	ug/L	85 - 114	945		20.0	U	1000	94		P
Vanadium	ug/L	90 - 111	137		20.0	U	150	91		P
Zinc	ug/L	87 - 115	170		77.8		100	92		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** Q1122
contract: TETR06 **lab code:** CHEM **case no.:** Q1122 **sas no.:** Q1122
matrix: Water **sample id:** Q1140-01 **client id:** FRAC-TANK-F06078MS
Percent Solids for Sample: NA **Spiked ID:** Q1140-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.78		0.22		4.0	89		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Tetra Tech NUS, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q1122</u>
contract: <u>TETR06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1122</u> sas no.: <u>Q1122</u>
matrix: <u>Water</u>	sample id: <u>Q1140-01</u>	client id: <u>FRAC-TANK-F06078MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1140-01MSD</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
Mercury	ug/L	82 - 119	3.74		0.22		4.0	88		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q1122

Contract: TETR06

Lab Code: CHEM

Case No.: Q1122

SAS No.: Q1122

Matrix: Water

Level: LOW

Client ID: RW10A-F-20250116A

Sample ID: Q1122-02

Spiked ID: Q1122-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	1550		696		10000	9		P
Barium	ug/L	88 - 113	97.4		10.2	J	100	87		P
Beryllium	ug/L	89 - 112	81.6		0.14	J	100	81		P
Iron	ug/L	87 - 115	3520		2190		1500	89		P
Magnesium	ug/L	85 - 113	4570		3880		1000	68		P
Manganese	ug/L	90 - 114	197		114		100	82		P
Vanadium	ug/L	90 - 111	134		20.0	U	150	89		P

A
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C
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H

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **Level:** LOW **SDG No.:** Q1122
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1122 **SAS No.:** Q1122
Matrix: Water **Sample ID:** Q1122-02 **Client ID:** RW10A-F-20250116DUP
Percent Solids for Sample: NA **Duplicate ID** Q1122-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	696		692		1		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	10.2	J	9.27	J	10		P
Beryllium	ug/L	20	0.14	J	0.13	J	7		P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	9420		9380		0		P
Chromium	ug/L	20	5.00	U	0.69	J	200.0		P
Cobalt	ug/L	20	17.4		17.4		0		P
Copper	ug/L	20	18.4		18.4		0		P
Iron	ug/L	20	2190		2100		4		P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	3880		3870		0		P
Manganese	ug/L	20	114		113		1		P
Nickel	ug/L	20	18.5	J	18.3	J	1		P
Potassium	ug/L	20	3030		2890		5		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	47700		45400		5		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	77.8		76.8		1		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **Level:** LOW **SDG No.:** Q1122
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1122 **SAS No.:** Q1122
Matrix: Water **Sample ID:** Q1122-02MS **Client ID:** RW10A-F-20250116MSD
Percent Solids for Sample: NA **Duplicate ID** Q1122-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1540		1560		1		P
Antimony	ug/L	20	377		384		2		P
Arsenic	ug/L	20	379		390		3		P
Barium	ug/L	20	94.7		101		6		P
Beryllium	ug/L	20	85.3		81.8		4		P
Cadmium	ug/L	20	89.6		91.4		2		P
Calcium	ug/L	20	9470		9710		3		P
Chromium	ug/L	20	190		190		0		P
Cobalt	ug/L	20	109		110		1		P
Copper	ug/L	20	158		160		1		P
Iron	ug/L	20	3400		3600		6		P
Lead	ug/L	20	442		450		2		P
Magnesium	ug/L	20	4520		4650		3		P
Manganese	ug/L	20	196		202		3		P
Nickel	ug/L	20	246		251		2		P
Potassium	ug/L	20	7480		7910		6		P
Selenium	ug/L	20	904		930		3		P
Silver	ug/L	20	34.6		34.6		0		P
Sodium	ug/L	20	44500		47100		6		P
Thallium	ug/L	20	929		945		2		P
Vanadium	ug/L	20	134		137		2		P
Zinc	ug/L	20	171		170		1		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1122</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1122</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1140-01</u>	Client ID:	<u>FRAC-TANK-F06078DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q1140-01DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.22		0.18	J	18		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1122</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1122</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1140-01MS</u>	Client ID:	<u>FRAC-TANK-F06078MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q1140-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.78		3.74		1		CV

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1122
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1122 **SAS No.:** Q1122

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166153BS							
Aluminum	ug/L	1000	903		90	86 - 115	P
Antimony	ug/L	400	381		95	88 - 113	P
Arsenic	ug/L	400	385		96	87 - 113	P
Barium	ug/L	100	88.3		88	88 - 113	P
Beryllium	ug/L	100	90.1		90	89 - 112	P
Cadmium	ug/L	100	92.3		92	88 - 113	P
Calcium	ug/L	500	479	J	96	87 - 113	P
Chromium	ug/L	200	191		96	90 - 113	P
Cobalt	ug/L	100	93.3		93	89 - 114	P
Copper	ug/L	150	149		99	86 - 114	P
Iron	ug/L	1500	1470		98	87 - 115	P
Lead	ug/L	500	464		93	86 - 113	P
Magnesium	ug/L	1000	897	J	90	85 - 113	P
Manganese	ug/L	100	92.9		93	90 - 114	P
Nickel	ug/L	250	234		94	88 - 113	P
Potassium	ug/L	5000	4830		97	86 - 114	P
Selenium	ug/L	1000	955		96	83 - 114	P
Silver	ug/L	37.5	36.3		97	84 - 115	P
Sodium	ug/L	1500	1510		101	87 - 115	P
Thallium	ug/L	1000	1020		102	85 - 114	P
Vanadium	ug/L	150	136		91	90 - 111	P
Zinc	ug/L	100	97.6		98	87 - 115	P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1122
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1122 **SAS No.:** Q1122

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166192BS Mercury	ug/L	4.0	4.02		100	82 - 119	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

RW10A-F-20250116L

Lab Name: Chemtech Consulting Group

Contract: TETR06

Lab Code: CHEM Lb No.: lb134358 Lab Sample ID : Q1122-02L SDG No.: Q1122

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	696		718		3		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	10.2	J	250	U	100.0		P
Beryllium	0.14	J	15.0	U	100.0		P
Cadmium	3.00	U	15.0	U			P
Calcium	9420		10100		7		P
Chromium	5.00	U	25.0	U			P
Cobalt	17.4		18.0	J	4		P
Copper	18.4		50.0	U	100.0		P
Iron	2190		2280		4		P
Lead	6.00	U	30.0	U			P
Magnesium	3880		4180	J	8		P
Manganese	114		122		7		P
Nickel	18.5	J	18.7	J	1		P
Potassium	3030		5000	U	100.0		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	47700		48900		3		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	77.8		78.5	J	1		P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

FRAC-TANK-F06078L

Lab Name: Chemtech Consulting Group **Contract:** TETR06
Lab Code: CHEM **Lb No.:** lb134375 **Lab Sample ID :** Q1140-01L **SDG No.:** Q1122
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.22	1.00 U	100.0		CV



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1122

Contract: TETR06

Lab Code: CHEM

Case No.: Q1122

SAS No.: Q1122

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1122

Contract: TETR06

Lab Code: CHEM

Case No.: Q1122

SAS No.: Q1122

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

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc. SDG No.: Q1122
Contract: TETR06 Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122
Instrument ID: _____ Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

- 11 -

ICP INTERELEMEN CORRECTION FACTORS

Client: Tetra Tech NUS, Inc. SDG No.: Q1122
Contract: TETR06 Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122
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

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1122

Contract: TETR06

Lab Code: CHEM

Case No.: Q1122

SAS No.: Q1122

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

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	SDG No.:	<u>Q1122</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1122</u>
		SAS No.:	<u>Q1122</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166153							
PB166153BL	PB166153BL	MB	WATER	01/21/2025	50.0	25.0	
PB166153BS	PB166153BS	LCS	WATER	01/21/2025	50.0	25.0	
Q1122-01	RW10A-20250116	SAM	WATER	01/21/2025	50.0	25.0	
Q1122-02	RW10A-F-20250116	SAM	WATER	01/21/2025	50.0	25.0	
Q1122-02DUP	RW10A-F-20250116DUP	DUP	WATER	01/21/2025	50.0	25.0	
Q1122-02MS	RW10A-F-20250116MS	MS	WATER	01/21/2025	50.0	25.0	
Q1122-02MSD	RW10A-F-20250116MSD	MSD	WATER	01/21/2025	50.0	25.0	

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	SDG No.:	<u>Q1122</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1122</u>
		SAS No.:	<u>Q1122</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166192							
PB166192BL	PB166192BL	MB	WATER	01/22/2025	30.0	30.0	
PB166192BS	PB166192BS	LCS	WATER	01/22/2025	30.0	30.0	
Q1122-01	RW10A-20250116	SAM	WATER	01/22/2025	30.0	30.0	
Q1122-02	RW10A-F-20250116	SAM	WATER	01/22/2025	30.0	30.0	
Q1140-01DUP	FRAC-TANK-F06078DUP	DUP	WATER	01/22/2025	30.0	30.0	
Q1140-01MS	FRAC-TANK-F06078MS	MS	WATER	01/22/2025	30.0	30.0	
Q1140-01MSD	FRAC-TANK-F06078MSD	MSD	WATER	01/22/2025	30.0	30.0	

metals
- 14 -
ANALYSIS RUN LOG

Client: Tetra Tech NUS, Inc. **Contract:** TETR06

Lab code: CHEM **Case no.:** Q1122 **Sas no.:** Q1122 **Sdg no.:** Q1122

Instrument id number: **Method:** **Run number:** LB134358

Start date: 01/21/2025 **End date:** 01/21/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1101	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	1105	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	1109	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	1114	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	1118	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	1122	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	1126	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	1135	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	1151	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	1159	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	1203	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	1208	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	1212	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	1216	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	1301	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	1306	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	1318	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	1322	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	1356	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	1400	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1122-01	RW10A-20250116	1	1426	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1122-02	RW10A-F-20250116	1	1430	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1122-02DUP	RW10A-F-20250116DUP	1	1434	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1122-02L	RW10A-F-20250116L	5	1439	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1122-02MS	RW10A-F-20250116MS	1	1443	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1122-02MSD	RW10A-F-20250116MSD	1	1447	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1122-02A	RW10A-F-20250116A	1	1451	Al,Ba,Be,Fe,Mg,Mn,V
PB166153BL	PB166153BL	1	1455	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB166153BS	PB166153BS	1	1459	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	1503	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	1507	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 NUS, Inc. **Contract:** TETR06

Lab code: CHEM **Case no.:** Q1122 **Sas no.:** Q1122 **Sdg no.:** Q1122

Instrument id number: **Method:** **Run number:** LB134375

Start date: 01/23/2025 **End date:** 01/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0952	HG
S0.2	S0.2	1	0954	HG
S2.5	S2.5	1	0957	HG
S5	S5	1	0959	HG
S7.5	S7.5	1	1004	HG
S10	S10	1	1011	HG
ICV66	ICV66	1	1019	HG
ICB66	ICB66	1	1021	HG
CCV62	CCV62	1	1023	HG
CCB62	CCB62	1	1026	HG
CRA	CRA	1	1028	HG
PB166192BL	PB166192BL	1	1035	HG
PB166192BS	PB166192BS	1	1037	HG
Q1122-01	RW10A-20250116	1	1039	HG
Q1122-02	RW10A-F-20250116	1	1042	HG
Q1140-01DUP	FRAC-TANK-F06078DUP	1	1051	HG
Q1140-01MS	FRAC-TANK-F06078MS	1	1053	HG
CCV63	CCV63	1	1056	HG
CCB63	CCB63	1	1058	HG
Q1140-01MSD	FRAC-TANK-F06078MSD	1	1100	HG
Q1140-01L	FRAC-TANK-F06078L	5	1105	HG
CCV64	CCV64	1	1110	HG
CCB64	CCB64	1	1112	HG