

LAB CHRONICLE

OrderID:	Q1069	OrderDate:	1/10/2025 1:20:00 PM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	Location:	M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1069-02	RW7B-CARBON-20250 109	TCLP			01/09/25			01/09/25
			TCLP Mercury	7470A		01/14/25	01/14/25	
			TCLPMetals Group1	6010D		01/14/25	01/17/25	



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Hit Summary Sheet
SW-846

SDG No.:	Q1069	Order ID:	Q1069
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 : RW7B-CARBON-20250109									
Q1069-02	RW7B-CARBON-20250109	TCLP	Barium	425	J	62.8	125	500	ug/L
Q1069-02	RW7B-CARBON-20250109	TCLP	Mercury	0.94	J	0.81	1.60	2.00	ug/L



SAMPLE DATA

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	01/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	01/09/25
Client Sample ID:	RW7B-CARBON-20250109	SDG No.:	Q1069
Lab Sample ID:	Q1069-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	80.0	U	1	34.8	80.0	100	ug/L	01/14/25 11:30	01/17/25 14:10	SW6010	SW3050
7440-39-3	Barium	425	J	1	62.8	125	500	ug/L	01/14/25 11:30	01/17/25 14:10	SW6010	SW3050
7440-43-9	Cadmium	7.50	UN	1	0.94	7.50	30.0	ug/L	01/14/25 11:30	01/17/25 14:10	SW6010	SW3050
7440-47-3	Chromium	25.0	U	1	6.60	25.0	50.0	ug/L	01/14/25 11:30	01/17/25 14:10	SW6010	SW3050
7439-92-1	Lead	48.0	U	1	35.1	48.0	60.0	ug/L	01/14/25 11:30	01/17/25 14:10	SW6010	SW3050
7439-97-6	Mercury	0.94	J	1	0.81	1.60	2.00	ug/L	01/14/25 10:15	01/14/25 14:46	SW7470A	
7782-49-2	Selenium	80.0	U	1	58.8	80.0	100	ug/L	01/14/25 11:30	01/17/25 14:10	SW6010	SW3050
7440-22-4	Silver	25.0	U	1	5.80	25.0	50.0	ug/L	01/14/25 11:30	01/17/25 14:10	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP Mercury			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1069
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1069 **SAS No.:** Q1069
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
ICV55	Mercury	3.69	4.0	92	90 - 110	CV	01/14/2025	14:00	LB134281

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1069

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1069 **SAS No.:** Q1069

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
CCV32	Mercury	4.99	5.0	100	90 - 110	CV	01/14/2025	14:07	LB134281
CCV33	Mercury	4.91	5.0	98	90 - 110	CV	01/14/2025	14:37	LB134281
CCV34	Mercury	4.69	5.0	94	90 - 110	CV	01/14/2025	15:12	LB134281
CCV35	Mercury	4.56	5.0	91	90 - 110	CV	01/14/2025	15:25	LB134281

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1069

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1069 **SAS No.:** Q1069

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	Arsenic	1030	1000	103	90 - 110	P	01/17/2025	11:21	LB134334
	Barium	487	520	94	90 - 110	P	01/17/2025	11:21	LB134334
	Cadmium	501	510	98	90 - 110	P	01/17/2025	11:21	LB134334
	Chromium	519	520	100	90 - 110	P	01/17/2025	11:21	LB134334
	Lead	999	1000	100	90 - 110	P	01/17/2025	11:21	LB134334
	Selenium	1030	1000	103	90 - 110	P	01/17/2025	11:21	LB134334
	Silver	250	250	100	90 - 110	P	01/17/2025	11:21	LB134334

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1069

Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1069 **SAS No.:** Q1069

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	Arsenic	22.1	20.0	110	80 - 120	P	01/17/2025	11:26	LB134334
	Barium	84.8	100	85	80 - 120	P	01/17/2025	11:26	LB134334
	Cadmium	5.81	6.0	97	80 - 120	P	01/17/2025	11:26	LB134334
	Chromium	9.66	10.0	97	80 - 120	P	01/17/2025	11:26	LB134334
	Lead	13.0	12.0	108	80 - 120	P	01/17/2025	11:26	LB134334
	Selenium	21.1	20.0	105	80 - 120	P	01/17/2025	11:26	LB134334
	Silver	10.3	10.0	103	80 - 120	P	01/17/2025	11:26	LB134334

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1069

Contract: TETR06 Lab Code: CHEM Case No.: Q1069 SAS No.: Q1069

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	Arsenic	4930	5000	99	90 - 110	P	01/17/2025	11:56	LB134334
	Barium	9940	10000	99	90 - 110	P	01/17/2025	11:56	LB134334
	Cadmium	2460	2500	98	90 - 110	P	01/17/2025	11:56	LB134334
	Chromium	1010	1000	101	90 - 110	P	01/17/2025	11:56	LB134334
	Lead	4950	5000	99	90 - 110	P	01/17/2025	11:56	LB134334
	Selenium	4900	5000	98	90 - 110	P	01/17/2025	11:56	LB134334
	Silver	1270	1250	101	90 - 110	P	01/17/2025	11:56	LB134334
CCV02	Arsenic	4980	5000	100	90 - 110	P	01/17/2025	12:47	LB134334
	Barium	9490	10000	95	90 - 110	P	01/17/2025	12:47	LB134334
	Cadmium	2430	2500	97	90 - 110	P	01/17/2025	12:47	LB134334
	Chromium	987	1000	99	90 - 110	P	01/17/2025	12:47	LB134334
	Lead	4860	5000	97	90 - 110	P	01/17/2025	12:47	LB134334
	Selenium	5030	5000	100	90 - 110	P	01/17/2025	12:47	LB134334
	Silver	1230	1250	99	90 - 110	P	01/17/2025	12:47	LB134334
CCV03	Arsenic	4730	5000	95	90 - 110	P	01/17/2025	13:36	LB134334
	Barium	9550	10000	96	90 - 110	P	01/17/2025	13:36	LB134334
	Cadmium	2340	2500	94	90 - 110	P	01/17/2025	13:36	LB134334
	Chromium	952	1000	95	90 - 110	P	01/17/2025	13:36	LB134334
	Lead	4700	5000	94	90 - 110	P	01/17/2025	13:36	LB134334
	Selenium	4760	5000	95	90 - 110	P	01/17/2025	13:36	LB134334
	Silver	1210	1250	96	90 - 110	P	01/17/2025	13:36	LB134334
CCV04	Arsenic	4910	5000	98	90 - 110	P	01/17/2025	14:27	LB134334
	Barium	9450	10000	94	90 - 110	P	01/17/2025	14:27	LB134334
	Cadmium	2420	2500	97	90 - 110	P	01/17/2025	14:27	LB134334
	Chromium	992	1000	99	90 - 110	P	01/17/2025	14:27	LB134334
	Lead	4840	5000	97	90 - 110	P	01/17/2025	14:27	LB134334
	Selenium	4940	5000	99	90 - 110	P	01/17/2025	14:27	LB134334
	Silver	1240	1250	99	90 - 110	P	01/17/2025	14:27	LB134334
CCV05	Arsenic	4770	5000	95	90 - 110	P	01/17/2025	15:34	LB134334
	Barium	9420	10000	94	90 - 110	P	01/17/2025	15:34	LB134334
	Cadmium	2370	2500	95	90 - 110	P	01/17/2025	15:34	LB134334
	Chromium	966	1000	97	90 - 110	P	01/17/2025	15:34	LB134334
	Lead	4750	5000	95	90 - 110	P	01/17/2025	15:34	LB134334
	Selenium	4780	5000	96	90 - 110	P	01/17/2025	15:34	LB134334

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc. SDG No.: Q1069

Contract: TETR06 Lab Code: CHEM Case No.: Q1069 SAS No.: Q1069

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	Silver	1210	1250	97	90 - 110	P	01/17/2025	15:34	LB134334
CCV06	Arsenic	4820	5000	96	90 - 110	P	01/17/2025	16:16	LB134334
	Barium	9630	10000	96	90 - 110	P	01/17/2025	16:16	LB134334
	Cadmium	2390	2500	96	90 - 110	P	01/17/2025	16:16	LB134334
	Chromium	968	1000	97	90 - 110	P	01/17/2025	16:16	LB134334
	Lead	4780	5000	96	90 - 110	P	01/17/2025	16:16	LB134334
	Selenium	4850	5000	97	90 - 110	P	01/17/2025	16:16	LB134334
	Silver	1220	1250	98	90 - 110	P	01/17/2025	16:16	LB134334
CCV07	Arsenic	4830	5000	96	90 - 110	P	01/17/2025	17:11	LB134334
	Barium	9180	10000	92	90 - 110	P	01/17/2025	17:11	LB134334
	Cadmium	2390	2500	96	90 - 110	P	01/17/2025	17:11	LB134334
	Chromium	970	1000	97	90 - 110	P	01/17/2025	17:11	LB134334
	Lead	4770	5000	95	90 - 110	P	01/17/2025	17:11	LB134334
	Selenium	4860	5000	97	90 - 110	P	01/17/2025	17:11	LB134334
	Silver	1210	1250	97	90 - 110	P	01/17/2025	17:11	LB134334
CCV08	Arsenic	4910	5000	98	90 - 110	P	01/17/2025	17:52	LB134334
	Barium	9420	10000	94	90 - 110	P	01/17/2025	17:52	LB134334
	Cadmium	2410	2500	97	90 - 110	P	01/17/2025	17:52	LB134334
	Chromium	988	1000	99	90 - 110	P	01/17/2025	17:52	LB134334
	Lead	4820	5000	96	90 - 110	P	01/17/2025	17:52	LB134334
	Selenium	4950	5000	99	90 - 110	P	01/17/2025	17:52	LB134334
	Silver	1230	1250	98	90 - 110	P	01/17/2025	17:52	LB134334



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Metals

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CRDL STANDARD FOR AA & ICP

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1069
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1069 **SAS No.:** Q1069
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
CRA	Mercury	0.21	0.2	105	40 - 160	CV	01/14/2025	14:14	LB134281
CRI01	Arsenic	19.2	20.0	96	40 - 160	P	01/17/2025	11:35	LB134334
	Barium	85.3	100	85	40 - 160	P	01/17/2025	11:35	LB134334
	Cadmium	5.82	6.0	97	40 - 160	P	01/17/2025	11:35	LB134334
	Chromium	9.43	10.0	94	40 - 160	P	01/17/2025	11:35	LB134334
	Lead	12.4	12.0	104	40 - 160	P	01/17/2025	11:35	LB134334
	Selenium	20.7	20.0	104	40 - 160	P	01/17/2025	11:35	LB134334
	Silver	10.00	10.0	100	40 - 160	P	01/17/2025	11:35	LB134334



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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	Tetra Tech NUS, Inc.				SDG No.:	Q1069				
Contract:	TETR06	Lab Code:	CHEM	Case No.:	Q1069	SAS No.:	Q1069			
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB55	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	01/14/2025	14:02	LB134281

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1069
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1069 **SAS No.:** Q1069

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB32	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	01/14/2025	14:09	LB134281
CCB33	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	01/14/2025	14:39	LB134281
CCB34	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	01/14/2025	15:14	LB134281
CCB35	Mercury	0.20	+/-0.20	U	0.16	0.20	CV	01/14/2025	15:28	LB134281

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1069
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1069 **SAS No.:** Q1069

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	11:30	LB134334
	Barium	100	+/-100	U	25.0	100	P	01/17/2025	11:30	LB134334
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/17/2025	11:30	LB134334
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	11:30	LB134334
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/17/2025	11:30	LB134334
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	11:30	LB134334
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	11:30	LB134334

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q1069								
Contract: TETR06	Lab Code: CHEM	Case No.: Q1069	SAS No.: Q1069							
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	12:00	LB134334
	Barium	100	+/-100	U	25.0	100	P	01/17/2025	12:00	LB134334
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/17/2025	12:00	LB134334
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	12:00	LB134334
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/17/2025	12:00	LB134334
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	12:00	LB134334
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	12:00	LB134334
CCB02	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	12:51	LB134334
	Barium	100	+/-100	U	25.0	100	P	01/17/2025	12:51	LB134334
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/17/2025	12:51	LB134334
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	12:51	LB134334
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/17/2025	12:51	LB134334
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	12:51	LB134334
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	12:51	LB134334
CCB03	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	13:41	LB134334
	Barium	100	+/-100	U	25.0	100	P	01/17/2025	13:41	LB134334
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/17/2025	13:41	LB134334
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	13:41	LB134334
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/17/2025	13:41	LB134334
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	13:41	LB134334
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	13:41	LB134334
CCB04	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	14:31	LB134334
	Barium	100	+/-100	U	25.0	100	P	01/17/2025	14:31	LB134334
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/17/2025	14:31	LB134334
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	14:31	LB134334
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/17/2025	14:31	LB134334
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	14:31	LB134334
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	14:31	LB134334
CCB05	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	15:38	LB134334
	Barium	100	+/-100	U	25.0	100	P	01/17/2025	15:38	LB134334
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/17/2025	15:38	LB134334
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	15:38	LB134334
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/17/2025	15:38	LB134334
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	15:38	LB134334
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	15:38	LB134334
CCB06	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	16:20	LB134334
	Barium	100	+/-100	U	25.0	100	P	01/17/2025	16:20	LB134334
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/17/2025	16:20	LB134334
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	16:20	LB134334

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.		SDG No.: Q1069								
Contract:	TETR06	Lab Code:	CHEM	Case No.:	Q1069	SAS No.:	Q1069			
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/17/2025	16:20	LB134334
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	16:20	LB134334
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	16:20	LB134334
CCB07	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	17:16	LB134334
	Barium	100	+/-100	U	25.0	100	P	01/17/2025	17:16	LB134334
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/17/2025	17:16	LB134334
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	17:16	LB134334
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/17/2025	17:16	LB134334
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	17:16	LB134334
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	17:16	LB134334
CCB08	Arsenic	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	17:56	LB134334
	Barium	100	+/-100	U	25.0	100	P	01/17/2025	17:56	LB134334
	Cadmium	6.00	+/-6.00	U	1.50	6.00	P	01/17/2025	17:56	LB134334
	Chromium	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	17:56	LB134334
	Lead	12.0	+/-12.0	U	9.60	12.0	P	01/17/2025	17:56	LB134334
	Selenium	20.0	+/-20.0	U	16.0	20.0	P	01/17/2025	17:56	LB134334
	Silver	10.0	+/-10.0	U	5.00	10.0	P	01/17/2025	17:56	LB134334

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q1069

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166026TB		WATER		Batch Number:		PB166051		Prep Date:	01/14/2025	
	Mercury	0.85	<2.00	J	1.60	2.00	CV	01/14/2025	15:09	LB134281
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166051BL		WATER		Batch Number:		PB166051		Prep Date:	01/14/2025	
	Mercury	0.20	<0.20	U	0.16	0.20	CV	01/14/2025	14:35	LB134281

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q1069

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166026TB		WATER		Batch Number:		PB166049		Prep Date:	01/14/2025	
	Arsenic	100	<100	U	80.0	100	P	01/17/2025	12:42	LB134334
	Barium	500	<500	U	125	500	P	01/17/2025	12:42	LB134334
	Cadmium	30.0	<30.0	U	7.50	30.0	P	01/17/2025	12:42	LB134334
	Chromium	50.0	<50.0	U	25.0	50.0	P	01/17/2025	12:42	LB134334
	Lead	60.0	<60.0	U	48.0	60.0	P	01/17/2025	12:42	LB134334
	Selenium	100	<100	U	80.0	100	P	01/17/2025	12:42	LB134334
	Silver	50.0	<50.0	U	25.0	50.0	P	01/17/2025	12:42	LB134334
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166049BL		WATER		Batch Number:		PB166049		Prep Date:	01/14/2025	
	Arsenic	100	<100	U	80.0	100	P	01/17/2025	12:34	LB134334
	Barium	500	<500	U	125	500	P	01/17/2025	12:34	LB134334
	Cadmium	30.0	<30.0	U	7.50	30.0	P	01/17/2025	12:34	LB134334
	Chromium	50.0	<50.0	U	25.0	50.0	P	01/17/2025	12:34	LB134334
	Lead	60.0	<60.0	U	48.0	60.0	P	01/17/2025	12:34	LB134334
	Selenium	100	<100	U	80.0	100	P	01/17/2025	12:34	LB134334
	Silver	50.0	<50.0	U	25.0	50.0	P	01/17/2025	12:34	LB134334

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Tetra Tech NUS, Inc.</u>	SDG No.: <u>Q1069</u>
Contract: <u>TETR06</u>	Lab Code: <u>CHEM</u>
ICS Source: <u>EPA</u>	Case No.: <u>Q1069</u>
	SAS No.: <u>Q1069</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	Arsenic	1.85			-20	20	01/17/2025	11:39	LB134334
	Barium	-1.17	6.0	20	-94	106	01/17/2025	11:39	LB134334
	Cadmium	-1.59	1.0	159	-5	7	01/17/2025	11:39	LB134334
	Chromium	55.0	52.0	106	42	62	01/17/2025	11:39	LB134334
	Lead	9.67			-12	12	01/17/2025	11:39	LB134334
	Selenium	-13.6			-20	20	01/17/2025	11:39	LB134334
	Silver	-2.42			-10	10	01/17/2025	11:39	LB134334
ICSAB01	Arsenic	110	104	106	88.4	120	01/17/2025	11:43	LB134334
	Barium	455	537	85	437	637	01/17/2025	11:43	LB134334
	Cadmium	971	972	100	826	1120	01/17/2025	11:43	LB134334
	Chromium	560	542	103	460	624	01/17/2025	11:43	LB134334
	Lead	57.5	49.0	117	37	61	01/17/2025	11:43	LB134334
	Selenium	31.7	46.0	69	26	66	01/17/2025	11:43	LB134334
	Silver	216	201	108	170	232	01/17/2025	11:43	LB134334



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Tetra Tech NUS, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q1069</u>
contract: <u>TETR06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1069</u> sas no.: <u>Q1069</u>
matrix: <u>Water</u>	sample id: <u>Q1036-02</u>	client id: <u>NP-WS-002MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1036-02MS</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
Arsenic	ug/L	87 - 113	3820		100	U	4000	96		P
Barium	ug/L	88 - 113	979		79.8	J	1000	90		P
Cadmium	ug/L	88 - 113	903		30.0	U	1000	90		P
Chromium	ug/L	90 - 113	1960		6.61	J	2000	98		P
Lead	ug/L	86 - 113	4530		60.0	U	5000	91		P
Selenium	ug/L	83 - 114	9000		100	U	10000	90		P
Silver	ug/L	84 - 115	353		50.0	U	380	93		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Tetra Tech NUS, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q1069</u>
contract: <u>TETR06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1069</u> sas no.: <u>Q1069</u>
matrix: <u>Water</u>	sample id: <u>Q1036-02</u>	client id: <u>NP-WS-002MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1036-02MSD</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
Arsenic	ug/L	87 - 113	3720		100	U	4000	93		P
Barium	ug/L	88 - 113	964		79.8	J	1000	88		P
Cadmium	ug/L	88 - 113	879		30.0	U	1000	88	N	P
Chromium	ug/L	90 - 113	1950		6.61	J	2000	97		P
Lead	ug/L	86 - 113	4420		60.0	U	5000	88		P
Selenium	ug/L	83 - 114	8780		100	U	10000	88		P
Silver	ug/L	84 - 115	350		50.0	U	380	92		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** Q1069
contract: TETR06 **lab code:** CHEM **case no.:** Q1069 **sas no.:** Q1069
matrix: Water **sample id:** Q1076-02 **client id:** ARS20-0006MS
Percent Solids for Sample: NA **Spiked ID:** Q1076-02MS **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	40.3		2.00	U	40.0	101		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Tetra Tech NUS, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q1069</u>
contract: <u>TETR06</u>	lab code: <u>CHEM</u>	case no.: <u>Q1069</u> sas no.: <u>Q1069</u>
matrix: <u>Water</u>	sample id: <u>Q1076-02</u>	client id: <u>ARS20-0006MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1076-02MSD</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
Mercury	ug/L	82 - 119	40.2		2.00	U	40.0	100		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	SDG No.:	<u>Q1069</u>				
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1069</u>	SAS No.:	<u>Q1069</u>
Matrix:	<u>Water</u>	Level:	<u>LOW</u>	Client ID:	<u>NP-WS-002A</u>		
Sample ID:	<u>Q1036-02</u>	Spiked ID:	<u>Q1036-02A</u>				

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	88 - 113	903		30.0	U	1000	90		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **Level:** LOW **SDG No.:** Q1069
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1069 **SAS No.:** Q1069
Matrix: Water **Sample ID:** Q1036-02 **Client ID:** NP-WS-002DUP
Percent Solids for Sample: NA **Duplicate ID** Q1036-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	79.8	J	82.6	J	3		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	6.61	J	17.6	J	91		P
Lead	ug/L	20	60.0	U	60.0	U			P
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **Level:** LOW **SDG No.:** Q1069
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1069 **SAS No.:** Q1069
Matrix: Water **Sample ID:** Q1036-02MS **Client ID:** NP-WS-002MSD
Percent Solids for Sample: NA **Duplicate ID** Q1036-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	3820		3720		3		P
Barium	ug/L	20	979		964		2		P
Cadmium	ug/L	20	903		879		3		P
Chromium	ug/L	20	1960		1950		1		P
Lead	ug/L	20	4530		4420		2		P
Selenium	ug/L	20	9000		8780		2		P
Silver	ug/L	20	353		350		1		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1069</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1069</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1076-02</u>	Client ID:	<u>ARS20-0006DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q1076-02DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	2.00	U	2.00	U			CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1069</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1069</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1076-02MS</u>	Client ID:	<u>ARS20-0006MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q1076-02MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	40.3		40.2		0		CV

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1069
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1069 **SAS No.:** Q1069

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166049BS							
Arsenic	ug/L	4000	3860		96	87 - 113	P
Barium	ug/L	1000	891		89	88 - 113	P
Cadmium	ug/L	1000	935		94	88 - 113	P
Chromium	ug/L	2000	2000		100	90 - 113	P
Lead	ug/L	5000	4740		95	86 - 113	P
Selenium	ug/L	10000	9430		94	83 - 114	P
Silver	ug/L	380	375		99	84 - 115	P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: Tetra Tech NUS, Inc. **SDG No.:** Q1069
Contract: TETR06 **Lab Code:** CHEM **Case No.:** Q1069 **SAS No.:** Q1069

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166051BS Mercury	ug/L	4.0	3.65		91	82 - 119	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

NP-WS-002L

Lab Name: Chemtech Consulting Group

Contract: TETR06

Lab Code: CHEM **Lb No.:** lb134334

Lab Sample ID : Q1036-02L **SDG No.:** Q1069

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Arsenic	100	U	500	U			P
Barium	79.8	J	2500	U	100.0		P
Cadmium	30.0	U	150	U			P
Chromium	6.61	J	250	U	100.0		P
Lead	60.0	U	300	U			P
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

ARS20-0006L

Lab Name: Chemtech Consulting Group **Contract:** TETR06
Lab Code: CHEM **Lb No.:** lb134281 **Lab Sample ID :** Q1076-02L **SDG No.:** Q1069
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	2.00 U	10.0 U			CV



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1069

Contract: TETR06

Lab Code: CHEM

Case No.: Q1069

SAS No.: Q1069

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
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
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1069

Contract: TETR06

Lab Code: CHEM

Case No.: Q1069

SAS No.: Q1069

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
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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1069

Contract: TETR06

Lab Code: CHEM

Case No.: Q1069

SAS No.: Q1069

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
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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1069

Contract: TETR06

Lab Code: CHEM

Case No.: Q1069

SAS No.: Q1069

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
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

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tetra Tech NUS, Inc.

SDG No.: Q1069

Contract: TETR06

Lab Code: CHEM

Case No.: Q1069

SAS No.: Q1069

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
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
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	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



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	SDG No.:	<u>Q1069</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1069</u>
		SAS No.:	<u>Q1069</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166049							
PB166026TB	PB166026TB	MB	WATER	01/14/2025	5.0	25.0	
PB166049BL	PB166049BL	MB	WATER	01/14/2025	5.0	25.0	
PB166049BS	PB166049BS	LCS	WATER	01/14/2025	5.0	25.0	
Q1036-02DUP	NP-WS-002DUP	DUP	WATER	01/14/2025	5.0	25.0	
Q1036-02MS	NP-WS-002MS	MS	WATER	01/14/2025	5.0	25.0	
Q1036-02MSD	NP-WS-002MSD	MSD	WATER	01/14/2025	5.0	25.0	
Q1069-02	RW7B-CARBON-20250109	SAM	WATER	01/14/2025	5.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Tetra Tech NUS, Inc.</u>	SDG No.:	<u>Q1069</u>
Contract:	<u>TETR06</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q1069</u>
		SAS No.:	<u>Q1069</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166051							
PB166026TB	PB166026TB	MB	WATER	01/14/2025	3.0	30.0	
PB166051BL	PB166051BL	MB	WATER	01/14/2025	30.0	30.0	
PB166051BS	PB166051BS	LCS	WATER	01/14/2025	30.0	30.0	
Q1069-02	RW7B-CARBON-20250109	SAM	WATER	01/14/2025	3.0	30.0	
Q1076-02DUP	ARS20-0006DUP	DUP	WATER	01/14/2025	3.0	30.0	
Q1076-02MS	ARS20-0006MS	MS	WATER	01/14/2025	3.0	30.0	
Q1076-02MSD	ARS20-0006MSD	MSD	WATER	01/14/2025	3.0	30.0	

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q1069 **Sas no.:** Q1069 **Sdg no.:** Q1069

Instrument id number: **Method:** **Run number:** LB134281

Start date: 01/14/2025 **End date:** 01/14/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1338	HG
S0.2	S0.2	1	1340	HG
S2.5	S2.5	1	1342	HG
S5	S5	1	1345	HG
S7.5	S7.5	1	1352	HG
S10	S10	1	1357	HG
ICV55	ICV55	1	1400	HG
ICB55	ICB55	1	1402	HG
CCV32	CCV32	1	1407	HG
CCB32	CCB32	1	1409	HG
CRA	CRA	1	1414	HG
PB166051BL	PB166051BL	1	1435	HG
CCV33	CCV33	1	1437	HG
CCB33	CCB33	1	1439	HG
PB166051BS	PB166051BS	1	1442	HG
Q1069-02	RW7B-CARBON-20250109	1	1446	HG
Q1076-02DUP	ARS20-0006DUP	1	1500	HG
Q1076-02MS	ARS20-0006MS	1	1502	HG
Q1076-02MSD	ARS20-0006MSD	1	1505	HG
PB166026TB	PB166026TB	1	1509	HG
CCV34	CCV34	1	1512	HG
CCB34	CCB34	1	1514	HG
Q1076-02L	ARS20-0006L	5	1521	HG
CCV35	CCV35	1	1525	HG
CCB35	CCB35	1	1528	HG

metals
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ANALYSIS RUN LOG

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

Lab code: CHEM **Case no.:** Q1069 **Sas no.:** Q1069 **Sdg no.:** Q1069

Instrument id number: **Method:** **Run number:** LB134334

Start date: 01/17/2025 **End date:** 01/17/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1051	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1055	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1059	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1104	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1108	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1112	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1121	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1126	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1130	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1135	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1139	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1143	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1156	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1200	Ag,As,Ba,Cd,Cr,Pb,Se
PB166049BL	PB166049BL	1	1234	Ag,As,Ba,Cd,Cr,Pb,Se
PB166049BS	PB166049BS	1	1238	Ag,As,Ba,Cd,Cr,Pb,Se
PB166026TB	PB166026TB	1	1242	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1247	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1251	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1336	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1341	Ag,As,Ba,Cd,Cr,Pb,Se
Q1036-02DUP	NP-WS-002DUP	1	1349	Ag,As,Ba,Cd,Cr,Pb,Se
Q1036-02L	NP-WS-002L	5	1353	Ag,As,Ba,Cd,Cr,Pb,Se
Q1036-02MS	NP-WS-002MS	1	1358	Ag,As,Ba,Cd,Cr,Pb,Se
Q1036-02MSD	NP-WS-002MSD	1	1402	Ag,As,Ba,Cd,Cr,Pb,Se
Q1036-02A	NP-WS-002A	1	1406	Cd
Q1069-02	RW7B-CARBON-20250109	1	1410	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1427	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1431	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1534	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1538	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1616	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1620	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1711	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1716	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1752	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1756	Ag,As,Ba,Cd,Cr,Pb,Se