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Hit Summary Sheet
SW-846

SDG No.: Q2646 **Order ID:** Q2646

Client: Environmental Restoration, LLC **Project ID:** North Arlington, NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : FRAC TANK								
Q2646-03	FRAC TANK	TCLP	Barium	741		72.8	500	ug/L

SAMPLE DATA

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Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANK	SDG No.:	Q2646
Lab Sample ID:	Q2646-03	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	07/21/25 12:30	07/22/25 13:46	6010D	SW3050
7440-39-3	Barium	741	N	1	72.8	500	ug/L	07/21/25 12:30	07/22/25 13:46	6010D	SW3050
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	07/21/25 12:30	07/22/25 13:46	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	07/21/25 12:30	07/22/25 13:46	6010D	SW3050
7439-92-1	Lead	11.5	U	1	11.5	60.0	ug/L	07/21/25 12:30	07/22/25 13:46	6010D	SW3050
7439-97-6	Mercury	0.76	UN	1	0.76	2.00	ug/L	07/21/25 14:10	07/22/25 16:49	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	07/21/25 12:30	07/22/25 13:46	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	07/21/25 12:30	07/22/25 13:46	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP ICP Metals				

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

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB36	Mercury	0.076	+/-0.2	U	0.20	CV	07/22/2025	15:15	LB136570

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB34	Mercury	0.076	+/-0.2	U	0.20	CV	07/22/2025	15:20	LB136570
CCB35	Mercury	0.076	+/-0.2	U	0.20	CV	07/22/2025	15:59	LB136570
CCB36	Mercury	0.076	+/-0.2	U	0.20	CV	07/22/2025	16:30	LB136570
CCB37	Mercury	0.076	+/-0.2	U	0.20	CV	07/22/2025	17:00	LB136570
CCB38	Mercury	0.076	+/-0.2	U	0.20	CV	07/22/2025	17:33	LB136570
CCB39	Mercury	0.076	+/-0.2	U	0.20	CV	07/22/2025	18:20	LB136570
CCB40	Mercury	0.076	+/-0.2	U	0.20	CV	07/22/2025	18:58	LB136570

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	12:27	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	12:27	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	12:27	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	12:27	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	12:27	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	12:27	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	12:27	LB136571

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	13:05	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	13:05	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	13:05	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	13:05	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	13:05	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	13:05	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	13:05	LB136571
CCB02	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	14:09	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	14:09	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	14:09	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	14:09	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	14:09	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	14:09	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	14:09	LB136571
CCB03	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	15:26	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	15:26	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	15:26	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	15:26	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	15:26	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	15:26	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	15:26	LB136571
CCB04	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	16:17	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	16:17	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	16:17	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	16:17	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	16:17	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	16:17	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	16:17	LB136571
CCB05	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	17:18	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	17:18	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	17:18	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	17:18	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	17:18	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	17:18	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	17:18	LB136571
CCB06	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	18:09	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	18:09	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	18:09	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	18:09	LB136571

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	12.0	P	07/22/2025	18:09	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	18:09	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	18:09	LB136571
CCB07	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	18:58	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	18:58	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	18:58	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	18:58	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	18:58	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	18:58	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	18:58	LB136571
CCB08	Arsenic	5.12	+/-10	U	20.0	P	07/22/2025	19:23	LB136571
	Barium	14.6	+/-50	U	100	P	07/22/2025	19:23	LB136571
	Cadmium	0.50	+/-3	U	6.00	P	07/22/2025	19:23	LB136571
	Chromium	2.12	+/-5	U	10.0	P	07/22/2025	19:23	LB136571
	Lead	2.30	+/-6	U	12.0	P	07/22/2025	19:23	LB136571
	Selenium	9.64	+/-10	U	20.0	P	07/22/2025	19:23	LB136571
	Silver	1.62	+/-5	U	10.0	P	07/22/2025	19:23	LB136571

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168926TB		**WATER**		**Batch Number:**	**PB168960**		**Prep Date:**	**07/21/2025**	
	Mercury	0.76	<2	U	2.00	CV	07/22/2025	17:57	LB136570
Sample ID	**Analyte**	**Result (ug/L)**	**Acceptance Limit**	**Conc Qual**	**CRQL ug/L**	**M**	**Analysis Date**	**Analysis Time**	**Run**
PB168960BL		**WATER**		**Batch Number:**	**PB168960**		**Prep Date:**	**07/21/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	07/22/2025	16:37	LB136570

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168926TB		**WATER**		**Batch Number:**	**PB168941**		**Prep Date:**	**07/21/2025**	
	Arsenic	25.6	<50	U	100	P	07/22/2025	16:09	LB136571
	Barium	72.8	<250	U	500	P	07/22/2025	16:09	LB136571
	Cadmium	2.50	<15	U	30.0	P	07/22/2025	16:09	LB136571
	Chromium	10.6	<25	U	50.0	P	07/22/2025	16:09	LB136571
	Lead	11.5	<30	U	60.0	P	07/22/2025	16:09	LB136571
	Selenium	48.2	<50	U	100	P	07/22/2025	16:09	LB136571
	Silver	8.10	<25	U	50.0	P	07/22/2025	16:09	LB136571

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168941BL		**WATER**		**Batch Number:**	**PB168941**		**Prep Date:**	**07/21/2025**	
	Arsenic	25.6	<50	U	100	P	07/22/2025	14:56	LB136571
	Barium	72.8	<250	U	500	P	07/22/2025	14:56	LB136571
	Cadmium	2.50	<15	U	30.0	P	07/22/2025	14:56	LB136571
	Chromium	10.6	<25	U	50.0	P	07/22/2025	14:56	LB136571
	Lead	11.5	<30	U	60.0	P	07/22/2025	14:56	LB136571
	Selenium	48.2	<50	U	100	P	07/22/2025	14:56	LB136571
	Silver	8.10	<25	U	50.0	P	07/22/2025	14:56	LB136571

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC
SDG No.: Q2646
Contract: ENVI60
Lab Code: ACE
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
ICV36	Mercury	3.82	4.0	96	90 - 110	CV	07/22/2025	15:13	LB136570

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

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
CCV34	Mercury	4.50	5.0	90	90 - 110	CV	07/22/2025	15:17	LB136570
CCV35	Mercury	4.91	5.0	98	90 - 110	CV	07/22/2025	15:54	LB136570
CCV36	Mercury	5.27	5.0	105	90 - 110	CV	07/22/2025	16:28	LB136570
CCV37	Mercury	5.14	5.0	103	90 - 110	CV	07/22/2025	16:58	LB136570
CCV38	Mercury	4.98	5.0	100	90 - 110	CV	07/22/2025	17:31	LB136570
CCV39	Mercury	4.96	5.0	99	90 - 110	CV	07/22/2025	18:15	LB136570
CCV40	Mercury	5.05	5.0	101	90 - 110	CV	07/22/2025	18:56	LB136570

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC

SDG No.: Q2646

Contract: ENVI60

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3880	4000	97	90 - 110	P	07/22/2025	12:03	LB136571
	Barium	8140	8000	102	90 - 110	P	07/22/2025	12:03	LB136571
	Cadmium	1950	2000	98	90 - 110	P	07/22/2025	12:03	LB136571
	Chromium	819	800	102	90 - 110	P	07/22/2025	12:03	LB136571
	Lead	3800	4000	95	90 - 110	P	07/22/2025	12:03	LB136571
	Selenium	3880	4000	97	90 - 110	P	07/22/2025	12:03	LB136571
	Silver	1040	1000	104	90 - 110	P	07/22/2025	12:03	LB136571

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC

SDG No.: Q2646

Contract: ENVI60

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	21.8	20.0	109	80 - 120	P	07/22/2025	12:10	LB136571
	Barium	101	100	102	80 - 120	P	07/22/2025	12:10	LB136571
	Cadmium	5.75	6.0	96	80 - 120	P	07/22/2025	12:10	LB136571
	Chromium	10.8	10.0	108	80 - 120	P	07/22/2025	12:10	LB136571
	Lead	13.2	12.0	110	80 - 120	P	07/22/2025	12:10	LB136571
	Selenium	21.7	20.0	109	80 - 120	P	07/22/2025	12:10	LB136571
	Silver	10.4	10.0	104	80 - 120	P	07/22/2025	12:10	LB136571

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5010	5000	100	90 - 110	P	07/22/2025	13:00	LB136571
	Barium	10100	10000	101	90 - 110	P	07/22/2025	13:00	LB136571
	Cadmium	2470	2500	99	90 - 110	P	07/22/2025	13:00	LB136571
	Chromium	984	1000	98	90 - 110	P	07/22/2025	13:00	LB136571
	Lead	4920	5000	98	90 - 110	P	07/22/2025	13:00	LB136571
	Selenium	5030	5000	101	90 - 110	P	07/22/2025	13:00	LB136571
	Silver	1260	1250	100	90 - 110	P	07/22/2025	13:00	LB136571
CCV02	Arsenic	5090	5000	102	90 - 110	P	07/22/2025	14:05	LB136571
	Barium	10500	10000	105	90 - 110	P	07/22/2025	14:05	LB136571
	Cadmium	2490	2500	100	90 - 110	P	07/22/2025	14:05	LB136571
	Chromium	976	1000	98	90 - 110	P	07/22/2025	14:05	LB136571
	Lead	4970	5000	99	90 - 110	P	07/22/2025	14:05	LB136571
	Selenium	5100	5000	102	90 - 110	P	07/22/2025	14:05	LB136571
	Silver	1280	1250	102	90 - 110	P	07/22/2025	14:05	LB136571
CCV03	Arsenic	5210	5000	104	90 - 110	P	07/22/2025	15:20	LB136571
	Barium	10600	10000	106	90 - 110	P	07/22/2025	15:20	LB136571
	Cadmium	2560	2500	102	90 - 110	P	07/22/2025	15:20	LB136571
	Chromium	1010	1000	101	90 - 110	P	07/22/2025	15:20	LB136571
	Lead	5110	5000	102	90 - 110	P	07/22/2025	15:20	LB136571
	Selenium	5230	5000	104	90 - 110	P	07/22/2025	15:20	LB136571
	Silver	1310	1250	105	90 - 110	P	07/22/2025	15:20	LB136571
CCV04	Arsenic	5220	5000	104	90 - 110	P	07/22/2025	16:13	LB136571
	Barium	10800	10000	108	90 - 110	P	07/22/2025	16:13	LB136571
	Cadmium	2560	2500	102	90 - 110	P	07/22/2025	16:13	LB136571
	Chromium	1010	1000	101	90 - 110	P	07/22/2025	16:13	LB136571
	Lead	5100	5000	102	90 - 110	P	07/22/2025	16:13	LB136571
	Selenium	5240	5000	105	90 - 110	P	07/22/2025	16:13	LB136571
	Silver	1320	1250	105	90 - 110	P	07/22/2025	16:13	LB136571
CCV05	Arsenic	5170	5000	104	90 - 110	P	07/22/2025	17:14	LB136571
	Barium	10700	10000	107	90 - 110	P	07/22/2025	17:14	LB136571
	Cadmium	2560	2500	102	90 - 110	P	07/22/2025	17:14	LB136571
	Chromium	1020	1000	102	90 - 110	P	07/22/2025	17:14	LB136571
	Lead	5120	5000	102	90 - 110	P	07/22/2025	17:14	LB136571
	Selenium	5180	5000	104	90 - 110	P	07/22/2025	17:14	LB136571

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1320	1250	106	90 - 110	P	07/22/2025	17:14	LB136571
CCV06	Arsenic	5170	5000	103	90 - 110	P	07/22/2025	18:05	LB136571
	Barium	10700	10000	107	90 - 110	P	07/22/2025	18:05	LB136571
	Cadmium	2560	2500	102	90 - 110	P	07/22/2025	18:05	LB136571
	Chromium	1040	1000	104	90 - 110	P	07/22/2025	18:05	LB136571
	Lead	5120	5000	102	90 - 110	P	07/22/2025	18:05	LB136571
	Selenium	5170	5000	103	90 - 110	P	07/22/2025	18:05	LB136571
	Silver	1330	1250	107	90 - 110	P	07/22/2025	18:05	LB136571
CCV07	Arsenic	5190	5000	104	90 - 110	P	07/22/2025	18:54	LB136571
	Barium	10600	10000	106	90 - 110	P	07/22/2025	18:54	LB136571
	Cadmium	2570	2500	103	90 - 110	P	07/22/2025	18:54	LB136571
	Chromium	1010	1000	101	90 - 110	P	07/22/2025	18:54	LB136571
	Lead	5130	5000	103	90 - 110	P	07/22/2025	18:54	LB136571
	Selenium	5190	5000	104	90 - 110	P	07/22/2025	18:54	LB136571
	Silver	1320	1250	105	90 - 110	P	07/22/2025	18:54	LB136571
CCV08	Arsenic	5260	5000	105	90 - 110	P	07/22/2025	19:19	LB136571
	Barium	10800	10000	108	90 - 110	P	07/22/2025	19:19	LB136571
	Cadmium	2580	2500	103	90 - 110	P	07/22/2025	19:19	LB136571
	Chromium	1050	1000	105	90 - 110	P	07/22/2025	19:19	LB136571
	Lead	5150	5000	103	90 - 110	P	07/22/2025	19:19	LB136571
	Selenium	5290	5000	106	90 - 110	P	07/22/2025	19:19	LB136571
	Silver	1330	1250	107	90 - 110	P	07/22/2025	19:19	LB136571

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Arsenic	20.5	20.0	103	65 - 135	P	07/22/2025	12:32	LB136571
	Barium	99.5	100	100	65 - 135	P	07/22/2025	12:32	LB136571
	Cadmium	5.65	6.0	94	65 - 135	P	07/22/2025	12:32	LB136571
	Chromium	10.5	10.0	106	65 - 135	P	07/22/2025	12:32	LB136571
	Lead	12.4	12.0	103	65 - 135	P	07/22/2025	12:32	LB136571
	Selenium	21.2	20.0	106	65 - 135	P	07/22/2025	12:32	LB136571
	Silver	9.69	10.0	97	65 - 135	P	07/22/2025	12:32	LB136571
CRA	Mercury	0.19	0.2	93	70 - 130	CV	07/22/2025	15:22	LB136570

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

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	Arsenic	10.7			-20	20	07/22/2025	12:37	LB136571
	Barium	2.26	6.0	38	-94	106	07/22/2025	12:37	LB136571
	Cadmium	-1.25	1.0	125	-5	7	07/22/2025	12:37	LB136571
	Chromium	55.9	52.0	108	42	62	07/22/2025	12:37	LB136571
	Lead	-3.81			-12	12	07/22/2025	12:37	LB136571
	Selenium	-9.01			-20	20	07/22/2025	12:37	LB136571
	Silver	3.81			-10	10	07/22/2025	12:37	LB136571
ICSAB01	Arsenic	103	104	99	88.4	120	07/22/2025	12:48	LB136571
	Barium	494	537	92	437	637	07/22/2025	12:48	LB136571
	Cadmium	914	972	94	826	1120	07/22/2025	12:48	LB136571
	Chromium	536	542	99	460	624	07/22/2025	12:48	LB136571
	Lead	42.1	49.0	86	37	61	07/22/2025	12:48	LB136571
	Selenium	40.7	46.0	88	26	66	07/22/2025	12:48	LB136571
	Silver	210	201	104	170	232	07/22/2025	12:48	LB136571

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: Environmental Restoration, LLC **level:** low **sdg no.:** Q2646

contract: ENVI60 **lab code:** ACE

matrix: Water **sample id:** Q2649-24 **client id:** WC-6MS

Percent Solids for Sample: NA **Spiked ID:** Q2649-24MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	4230		100	U	4000	106		P
Barium	ug/L	88 - 113	2520		1260		1000	127	N	P
Cadmium	ug/L	88 - 113	1010		30.0	U	1000	101		P
Chromium	ug/L	90 - 113	2030		50.0	U	2000	102		P
Lead	ug/L	86 - 113	4900		64.2		5000	97		P
Mercury	ug/L	82 - 119	26.3		2.00	U	40.0	66	N	CV
Selenium	ug/L	83 - 114	10700		100	U	10000	107		P
Silver	ug/L	84 - 115	394		50.0	U	380	104		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Environmental Restoration, LLC **level:** low **sdg no.:** Q2646

contract: ENVI60 **lab code:** ACE

matrix: Water **sample id:** Q2649-24 **client id:** WC-6MSD

Percent Solids for Sample: NA **Spiked ID:** Q2649-24MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	4100		100	U	4000	102		P
Barium	ug/L	88 - 113	2690		1260		1000	144	N	P
Cadmium	ug/L	88 - 113	984		30.0	U	1000	98		P
Chromium	ug/L	90 - 113	2000		50.0	U	2000	100		P
Lead	ug/L	86 - 113	4770		64.2		5000	94		P
Mercury	ug/L	82 - 119	27.3		2.00	U	40.0	68	N	CV
Selenium	ug/L	83 - 114	10300		100	U	10000	103		P
Silver	ug/L	84 - 115	388		50.0	U	380	102		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** WC-6A

Sample ID: Q2649-24 **Spiked ID:** Q2649-24A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	88 - 113	2410		1260		1000	115	N	P
Mercury	ug/L	82 - 119	32.6		2.00	U	40.0	82		CV

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Environmental Restoration, LLC **Level:** LOW **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2649-24 **Client ID:** WC-6DUP

Percent Solids for Sample: NA **Duplicate ID** Q2649-24DUP **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	1260		1470		15		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	64.2		75.6		16		P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Environmental Restoration, LLC **Level:** LOW **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2649-24MS **Client ID:** WC-6MSD

Percent Solids for Sample: NA **Duplicate ID** Q2649-24MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4230		4100		3		P
Barium	ug/L	20	2520		2690		7		P
Cadmium	ug/L	20	1010		984		3		P
Chromium	ug/L	20	2030		2000		1		P
Lead	ug/L	20	4900		4770		3		P
Mercury	ug/L	20	26.3		27.3		4		CV
Selenium	ug/L	20	10700		10300		4		P
Silver	ug/L	20	394		388		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168941BS							
Arsenic	ug/L	4000	3990		100	87 - 113	P
Barium	ug/L	1000	1080		108	88 - 113	P
Cadmium	ug/L	1000	976		98	88 - 113	P
Chromium	ug/L	2000	2050		102	90 - 113	P
Lead	ug/L	5000	4910		98	86 - 113	P
Selenium	ug/L	10000	10100		101	83 - 114	P
Silver	ug/L	380	398		105	84 - 115	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168960BS							
Mercury	ug/L	4.0	4.00		100	82 - 119	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

WC-6L

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **Lb No.:** lb136571 **Lab Sample ID :** Q2649-24L **SDG No.:** Q2646

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	100	U	500	U			P
Barium	1260		1300	J	3		P
Cadmium	30.0	U	150	U			P
Chromium	50.0	U	250	U			P
Lead	64.2		89.1	J	39		P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

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ANALYSIS RUN LOG

Client: Environmental Restoration, LLC **Contract:** ENVI60

Lab code: ACE **Sdg no.:** Q2646

Instrument id number: **Method:** **Run number:** LB136570

Start date: 07/22/2025 **End date:** 07/22/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1429	HG
S0.2	S0.2	1	1431	HG
S2.5	S2.5	1	1434	HG
S5	S5	1	1436	HG
S7.5	S7.5	1	1438	HG
S10	S10	1	1452	HG
ICV36	ICV36	1	1513	HG
ICB36	ICB36	1	1515	HG
CCV34	CCV34	1	1517	HG
CCB34	CCB34	1	1520	HG
CRA	CRA	1	1522	HG
CCV35	CCV35	1	1554	HG
CCB35	CCB35	1	1559	HG
CCV36	CCV36	1	1628	HG
CCB36	CCB36	1	1630	HG
PB168960BL	PB168960BL	1	1637	HG
PB168960BS	PB168960BS	1	1642	HG
Q2646-03	FRAC TANK	1	1649	HG
CCV37	CCV37	1	1658	HG
CCB37	CCB37	1	1700	HG
Q2649-24DUP	WC-6DUP	1	1709	HG
Q2649-24MS	WC-6MS	1	1711	HG
Q2649-24MSD	WC-6MSD	1	1714	HG
CCV38	CCV38	1	1731	HG
CCB38	CCB38	1	1733	HG
PB168926TB	PB168926TB	1	1757	HG
CCV39	CCV39	1	1815	HG
CCB39	CCB39	1	1820	HG
Q2649-24L	WC-6L	5	1827	HG
Q2649-24A	WC-6A	1	1829	HG
CCV40	CCV40	1	1856	HG
CCB40	CCB40	1	1858	HG

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ANALYSIS RUN LOG

Client: Environmental Restoration, LLC **Contract:** ENVI60

Lab code: ACE **Sdg no.:** Q2646

Instrument id number: **Method:** **Run number:** LB136571

Start date: 07/22/2025 **End date:** 07/22/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1111	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1116	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1120	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1124	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1128	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1133	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1203	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1210	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1227	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1232	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1237	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1248	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1300	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1305	Ag,As,Ba,Cd,Cr,Pb,Se
Q2646-03	FRAC TANK	1	1346	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1405	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1409	Ag,As,Ba,Cd,Cr,Pb,Se
Q2649-24DUP	WC-6DUP	1	1425	Ag,As,Ba,Cd,Cr,Pb,Se
Q2649-24L	WC-6L	5	1430	Ag,As,Ba,Cd,Cr,Pb,Se
Q2649-24MS	WC-6MS	1	1434	Ag,As,Ba,Cd,Cr,Pb,Se
Q2649-24MSD	WC-6MSD	1	1438	Ag,As,Ba,Cd,Cr,Pb,Se
Q2649-24A	WC-6A	1	1442	Ba
PB168941BL	PB168941BL	1	1456	Ag,As,Ba,Cd,Cr,Pb,Se
PB168941BS	PB168941BS	1	1501	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1520	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1526	Ag,As,Ba,Cd,Cr,Pb,Se
PB168926TB	PB168926TB	1	1609	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1613	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1617	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1714	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1718	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1805	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1809	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1854	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1858	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1919	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1923	Ag,As,Ba,Cd,Cr,Pb,Se

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
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

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LAB CHRONICLE

OrderID:	Q2646	**OrderDate:**	7/18/2025 11:47:00 AM
Client:	Environmental Restoration, LLC	**Project:**	North Arlington, NJ
Contact:	Steve Motta	**Location:**	O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2646-01	**FRAC TANK**	**Water**			**07/18/25**			**07/18/25**
			Mercury	7470A		07/21/25	07/22/25	
			Metals ICP-TAL	6010D		07/21/25	07/22/25	
Q2646-03	**FRAC TANK**	**TCLP**			**07/18/25**			**07/18/25**
			TCLP ICP Metals	6010D		07/21/25	07/22/25	
			TCLP Mercury	7470A		07/21/25	07/22/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168941**						
PB168926TB	PB168926TB	MB	WATER	07/21/2025	5.0	25.0	
PB168941BL	PB168941BL	MB	WATER	07/21/2025	5.0	25.0	
PB168941BS	PB168941BS	LCS	WATER	07/21/2025	5.0	25.0	
Q2646-03	FRAC TANK	SAM	WATER	07/21/2025	5.0	25.0	
Q2649-24DUP	WC-6DUP	DUP	WATER	07/21/2025	5.0	25.0	
Q2649-24MS	WC-6MS	MS	WATER	07/21/2025	5.0	25.0	
Q2649-24MSD	WC-6MSD	MSD	WATER	07/21/2025	5.0	25.0	

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2646

Contract: ENVI60 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168960**						
PB168926TB	PB168926TB	MB	WATER	07/21/2025	3.0	30.0	
PB168960BL	PB168960BL	MB	WATER	07/21/2025	30.0	30.0	
PB168960BS	PB168960BS	LCS	WATER	07/21/2025	30.0	30.0	
Q2646-03	FRAC TANK	SAM	WATER	07/21/2025	3.0	30.0	
Q2649-24DUP	WC-6DUP	DUP	WATER	07/21/2025	3.0	30.0	
Q2649-24MS	WC-6MS	MS	WATER	07/21/2025	3.0	30.0	
Q2649-24MSD	WC-6MSD	MSD	WATER	07/21/2025	3.0	30.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136570

Review By	MOHAN	Review On	7/23/2025 3:54:41 PM
Supervise By	jaswal	Supervise On	7/23/2025 3:56:59 PM

STD. NAME	STD REF.#
ICAL Standard	MP86427,MP86428,MP86429,MP86430,MP86431,MP86432
ICV Standard	MP86433
CCV Standard	MP86435
ICSA Standard	
CRI Standard	MP86437
LCS Standard	
Chk Standard	MP86434,MP86436,MP8646538,MP86423

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/22/25 14:29		MOHAN	OK
2	S0.2	S0.2	CAL2	07/22/25 14:31		MOHAN	OK
3	S2.5	S2.5	CAL3	07/22/25 14:34		MOHAN	OK
4	S5	S5	CAL4	07/22/25 14:36		MOHAN	OK
5	S7.5	S7.5	CAL5	07/22/25 14:38		MOHAN	OK
6	S10	S10	CAL6	07/22/25 14:52		MOHAN	OK
7	ICV36	ICV36	ICV	07/22/25 15:13		MOHAN	OK
8	ICB36	ICB36	ICB	07/22/25 15:15		MOHAN	OK
9	CCV34	CCV34	CCV	07/22/25 15:17		MOHAN	OK
10	CCB34	CCB34	CCB	07/22/25 15:20		MOHAN	OK
11	CRA	CRA	CRDL	07/22/25 15:22		MOHAN	OK
12	HighStd	HighStd	HIGH STD	07/22/25 15:24		MOHAN	OK
13	ChkStd	ChkStd	SAM	07/22/25 15:26		MOHAN	OK
14	PB168959BL	PB168959BL	MB	07/22/25 15:32		MOHAN	OK
15	PB168959BS	PB168959BS	LCS	07/22/25 15:37		MOHAN	OK
16	Q2638-02	OU4-TS-31-071725	SAM	07/22/25 15:39		MOHAN	OK
17	Q2638-04	OU4-TS-32-071725	SAM	07/22/25 15:42		MOHAN	OK
18	Q2638-06	OU4-TS-33-071725	SAM	07/22/25 15:44		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136570

Review By	MOHAN	Review On	7/23/2025 3:54:41 PM
Supervise By	jaswal	Supervise On	7/23/2025 3:56:59 PM

STD. NAME	STD REF.#
ICAL Standard	MP86427,MP86428,MP86429,MP86430,MP86431,MP86432
ICV Standard	MP86433
CCV Standard	MP86435
ICSA Standard	
CRI Standard	MP86437
LCS Standard	
Chk Standard	MP86434,MP86436,MP8646538,MP86423

19	Q2638-08	OU4-TS-34-071725	SAM	07/22/25 15:46		MOHAN	OK
20	Q2638-10	OU4-TS-35-071725	SAM	07/22/25 15:48		MOHAN	OK
21	CCV35	CCV35	CCV	07/22/25 15:54		MOHAN	OK
22	CCB35	CCB35	CCB	07/22/25 15:59		MOHAN	OK
23	Q2638-12	OU4-TS-36-071725	SAM	07/22/25 16:01		MOHAN	OK
24	Q2638-14	OU4-TS-37-071725	SAM	07/22/25 16:03		MOHAN	OK
25	Q2639-02	OU4-TS-38-071725	SAM	07/22/25 16:06		MOHAN	OK
26	Q2639-04	OU4-TS-39-071725	SAM	07/22/25 16:08		MOHAN	OK
27	Q2639-06	OU4-TS-40-071725	SAM	07/22/25 16:10		MOHAN	OK
28	Q2639-08	OU4-TS-41-071725	SAM	07/22/25 16:12		MOHAN	OK
29	Q2639-10	OU4-TS-42-071725	SAM	07/22/25 16:15		MOHAN	OK
30	Q2639-12	OU4-TS-43-071725	SAM	07/22/25 16:17		MOHAN	OK
31	Q2639-14	OU4-TS-44-071725	SAM	07/22/25 16:19		MOHAN	OK
32	Q2639-14DUP	OU4-TS-44-071725DU	DUP	07/22/25 16:22		MOHAN	OK
33	CCV36	CCV36	CCV	07/22/25 16:28		MOHAN	OK
34	CCB36	CCB36	CCB	07/22/25 16:30		MOHAN	OK
35	Q2639-14MS	OU4-TS-44-071725MS	MS	07/22/25 16:32		MOHAN	OK
36	Q2639-14MSD	OU4-TS-44-071725MS	MSD	07/22/25 16:35		MOHAN	OK
37	PB168960BL	PB168960BL	MB	07/22/25 16:37		MOHAN	OK
38	PB168960BS	PB168960BS	LCS	07/22/25 16:42		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136570

Review By	MOHAN	Review On	7/23/2025 3:54:41 PM
Supervise By	jaswal	Supervise On	7/23/2025 3:56:59 PM

STD. NAME	STD REF.#
ICAL Standard	MP86427,MP86428,MP86429,MP86430,MP86431,MP86432
ICV Standard	MP86433
CCV Standard	MP86435
ICSA Standard	
CRI Standard	MP86437
LCS Standard	
Chk Standard	MP86434,MP86436,MP8646538,MP86423

39	Q2641-02	P001-CONCRETE001	SAM	07/22/25 16:44		MOHAN	OK
40	Q2645-03	RW5B-CARBON-2025	SAM	07/22/25 16:46		MOHAN	OK
41	Q2646-03	FRAC TANK	SAM	07/22/25 16:49		MOHAN	OK
42	Q2649-04	WC-1	SAM	07/22/25 16:51		MOHAN	OK
43	Q2649-08	WC-2	SAM	07/22/25 16:53		MOHAN	OK
44	Q2649-12	WC-3	SAM	07/22/25 16:56		MOHAN	OK
45	CCV37	CCV37	CCV	07/22/25 16:58		MOHAN	OK
46	CCB37	CCB37	CCB	07/22/25 17:00		MOHAN	OK
47	Q2649-16	WC-4	SAM	07/22/25 17:02		MOHAN	OK
48	Q2649-20	WC-5	SAM	07/22/25 17:05		MOHAN	OK
49	Q2649-24	WC-6	SAM	07/22/25 17:07		MOHAN	OK
50	Q2649-24DUP	WC-6DUP	DUP	07/22/25 17:09		MOHAN	OK
51	Q2649-24MS	WC-6MS	MS	07/22/25 17:11		MOHAN	OK
52	Q2649-24MSD	WC-6MSD	MSD	07/22/25 17:14		MOHAN	OK
53	PB168961BL	PB168961BL	MB	07/22/25 17:21		MOHAN	OK
54	PB168961BS	PB168961BS	LCS	07/22/25 17:24		MOHAN	OK
55	Q2640-01	ELMORA-WATER	SAM	07/22/25 17:26		MOHAN	OK
56	Q2640-01DUP	ELMORA-WATERDUP	DUP	07/22/25 17:28		MOHAN	OK
57	CCV38	CCV38	CCV	07/22/25 17:31		MOHAN	OK
58	CCB38	CCB38	CCB	07/22/25 17:33		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136570

Review By	MOHAN	Review On	7/23/2025 3:54:41 PM
Supervise By	jaswal	Supervise On	7/23/2025 3:56:59 PM

STD. NAME	STD REF.#
ICAL Standard	MP86427,MP86428,MP86429,MP86430,MP86431,MP86432
ICV Standard	MP86433
CCV Standard	MP86435
ICSA Standard	
CRI Standard	MP86437
LCS Standard	
Chk Standard	MP86434,MP86436,MP8646538,MP86423

59	Q2640-01MS	ELMORA-WATERMS	MS	07/22/25 17:35		MOHAN	OK
60	Q2640-01MSD	ELMORA-WATERMSI	MSD	07/22/25 17:37		MOHAN	OK
61	Q2646-01	FRAC TANK	SAM	07/22/25 17:40		MOHAN	OK
62	Q2655-03	71125	SAM	07/22/25 17:42	Hg high	MOHAN	Dilution
63	Q2655-04	71425	SAM	07/22/25 17:44		MOHAN	OK
64	Q2660-05	MOO-25-0220	SAM	07/22/25 17:48		MOHAN	OK
65	PB168959TB	PB168959TB	MB	07/22/25 17:53		MOHAN	OK
66	PB168919TB	PB168919TB	MB	07/22/25 17:55		MOHAN	OK
67	PB168926TB	PB168926TB	MB	07/22/25 17:57		MOHAN	OK
68	CCV39	CCV39	CCV	07/22/25 18:15		MOHAN	OK
69	CCB39	CCB39	CCB	07/22/25 18:20		MOHAN	OK
70	Q2639-14L	OU4-TS-44-071725L	SD	07/22/25 18:22		MOHAN	OK
71	Q2639-14A	OU4-TS-44-071725A	PS	07/22/25 18:24		MOHAN	OK
72	Q2649-24L	WC-6L	SD	07/22/25 18:27		MOHAN	OK
73	Q2649-24A	WC-6A	PS	07/22/25 18:29		MOHAN	OK
74	Q2640-01L	ELMORA-WATERL	SD	07/22/25 18:31		MOHAN	OK
75	Q2640-01A	ELMORA-WATERA	PS	07/22/25 18:33		MOHAN	OK
76	Q2655-03DL	71125DL	SAM	07/22/25 18:48	10X for Hg	MOHAN	Confirms
77	CCV40	CCV40	CCV	07/22/25 18:56		MOHAN	OK
78	CCB40	CCB40	CCB	07/22/25 18:58		MOHAN	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136571

Review By	Janvi	Review On	7/23/2025 3:54:08 PM
Supervise By	jaswal	Supervise On	7/23/2025 3:53:24 PM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86494
CCV Standard	MP86462
ICSA Standard	MP86460,MP86495
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/22/25 11:11		Jaswal	OK
2	S1	S1	CAL2	07/22/25 11:16		Jaswal	OK
3	S2	S2	CAL3	07/22/25 11:20		Jaswal	OK
4	S3	S3	CAL4	07/22/25 11:24		Jaswal	OK
5	S4	S4	CAL5	07/22/25 11:28		Jaswal	OK
6	S5	S5	CAL6	07/22/25 11:33		Jaswal	OK
7	ICV01	ICV01	ICV	07/22/25 12:03		Jaswal	OK
8	LLICV01	LLICV01	LLICV	07/22/25 12:10		Jaswal	OK
9	ICB01	ICB01	ICB	07/22/25 12:27		Jaswal	OK
10	CRI01	CRI01	CRDL	07/22/25 12:32		Jaswal	OK
11	ICSA01	ICSA01	ICSA	07/22/25 12:37		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	07/22/25 12:48		Jaswal	OK
13	ICSADL	ICSADL	ICSA	07/22/25 12:52		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	07/22/25 12:56		Jaswal	OK
15	CCV01	CCV01	CCV	07/22/25 13:00		Jaswal	OK
16	CCB01	CCB01	CCB	07/22/25 13:05		Jaswal	OK
17	Q2640-01	ELMORA-WATER	SAM	07/22/25 13:11		Jaswal	OK
18	Q2641-02	P001-CONCRETE001	SAM	07/22/25 13:15		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136571

Review By	Janvi	Review On	7/23/2025 3:54:08 PM
Supervise By	jaswal	Supervise On	7/23/2025 3:53:24 PM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86494
CCV Standard	MP86462
ICSA Standard	MP86460,MP86495
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

19	Q2645-03	RW5B-CARBON-2025	SAM	07/22/25 13:20		Jaswal	OK
20	Q2649-04	WC-1	SAM	07/22/25 13:24		Jaswal	OK
21	Q2649-08	WC-2	SAM	07/22/25 13:29		Jaswal	OK
22	Q2649-12	WC-3	SAM	07/22/25 13:33		Jaswal	OK
23	Q2649-16	WC-4	SAM	07/22/25 13:38		Jaswal	OK
24	Q2649-20	WC-5	SAM	07/22/25 13:42	Confirm TCLP (Ba,Zn)	Jaswal	Not Ok
25	Q2646-03	FRAC TANK	SAM	07/22/25 13:46		Jaswal	OK
26	Q2649-24	WC-6	SAM	07/22/25 13:51		Jaswal	OK
27	CCV02	CCV02	CCV	07/22/25 14:05		Jaswal	OK
28	CCB02	CCB02	CCB	07/22/25 14:09		Jaswal	OK
29	Q2649-24DUP	WC-6DUP	DUP	07/22/25 14:25		Jaswal	OK
30	Q2649-24L	WC-6L	SD	07/22/25 14:30		Jaswal	OK
31	Q2649-24MS	WC-6MS	MS	07/22/25 14:34		Jaswal	OK
32	Q2649-24MSD	WC-6MSD	MSD	07/22/25 14:38		Jaswal	OK
33	Q2649-24A	WC-6A	PS	07/22/25 14:42	0.1ml of M6004,M6013 in 10ml sample	Jaswal	OK
34	PB168919TB	PB168919TB	MB	07/22/25 14:47		Jaswal	OK
35	PB168941BL	PB168941BL	MB	07/22/25 14:56		Jaswal	OK
36	PB168941BS	PB168941BS	LCS	07/22/25 15:01		Jaswal	OK
37	PB168932BL	PB168932BL	MB	07/22/25 15:05		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136571

Review By	Janvi	Review On	7/23/2025 3:54:08 PM
Supervise By	jaswal	Supervise On	7/23/2025 3:53:24 PM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86494
CCV Standard	MP86462
ICSA Standard	MP86460,MP86495
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

38	PB168932BS	PB168932BS	LCS	07/22/25 15:15		Jaswal	OK
39	CCV03	CCV03	CCV	07/22/25 15:20		Jaswal	OK
40	CCB03	CCB03	CCB	07/22/25 15:26		Jaswal	OK
41	Q2633-02	FIBER-GLASS-TANK	SAM	07/22/25 15:31		Jaswal	OK
42	Q2644-01	RW8-SP100-2025071	SAM	07/22/25 15:36		Jaswal	OK
43	Q2644-02	RW8-SP303-2025071	SAM	07/22/25 15:40		Jaswal	OK
44	Q2644-02DUP	RW8-SP303-2025071	DUP	07/22/25 15:44		Jaswal	OK
45	Q2644-02L	RW8-SP303-2025071	SD	07/22/25 15:48		Jaswal	OK
46	Q2644-02MS	RW8-SP303-2025071	MS	07/22/25 15:53		Jaswal	OK
47	Q2644-02MSD	RW8-SP303-2025071	MSD	07/22/25 15:57		Jaswal	OK
48	Q2644-02A	RW8-SP303-2025071	PS	07/22/25 16:01	0.1ml of M6004,M6013 in 10ml sample	Jaswal	OK
49	Q2646-01	FRAC TANK	SAM	07/22/25 16:05		Jaswal	OK
50	PB168926TB	PB168926TB	MB	07/22/25 16:09		Jaswal	OK
51	CCV04	CCV04	CCV	07/22/25 16:13		Jaswal	OK
52	CCB04	CCB04	CCB	07/22/25 16:17		Jaswal	OK
53	PB168933BL	PB168933BL	MB	07/22/25 16:22		Jaswal	OK
54	Q2649-01	WC-1	SAM	07/22/25 16:36		Jaswal	OK
55	Q2649-05	WC-2	SAM	07/22/25 16:40		Jaswal	OK
56	Q2649-09	WC-3	SAM	07/22/25 16:45		Jaswal	OK

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Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136571

Review By	Janvi	Review On	7/23/2025 3:54:08 PM
Supervise By	jaswal	Supervise On	7/23/2025 3:53:24 PM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86494
CCV Standard	MP86462
ICSA Standard	MP86460,MP86495
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

57	PB168933BS	PB168933BS	LCS	07/22/25 16:49		Jaswal	OK
58	Q2649-13	WC-4	SAM	07/22/25 16:53		Jaswal	OK
59	Q2649-17	WC-5	SAM	07/22/25 16:57		Jaswal	OK
60	Q2649-17DUP	WC-5DUP	DUP	07/22/25 17:01		Jaswal	OK
61	Q2649-17L	WC-5L	SD	07/22/25 17:06		Jaswal	OK
62	Q2649-17MS	WC-5MS	MS	07/22/25 17:10	MS/MSD, DUP RPD fail for 50% parameters	Jaswal	OK
63	CCV05	CCV05	CCV	07/22/25 17:14		Jaswal	OK
64	CCB05	CCB05	CCB	07/22/25 17:18		Jaswal	OK
65	Q2649-17MSD	WC-5MSD	MSD	07/22/25 17:22	MS/MSD, DUP RPD fail for 50% parameters	Jaswal	OK
66	Q2649-17A	WC-5A	PS	07/22/25 17:26	0.1ml of M6004,M6013 in 10ml sample.	Jaswal	OK
67	Q2649-21	WC-6	SAM	07/22/25 17:30	Ag oversaturated	Jaswal	Dilution
68	Q2658-01	PAD-072125-1	SAM	07/22/25 17:35		Jaswal	OK
69	Q2658-02	PAD-072125-2	SAM	07/22/25 17:39		Jaswal	OK
70	PB168951BL	PB168951BL	MB	07/22/25 17:43		Jaswal	OK
71	PB168951BS	PB168951BS	LCS	07/22/25 17:48		Jaswal	OK
72	Q2639-01	OU4-TS-38-071725	SAM	07/22/25 17:52		Jaswal	OK
73	Q2639-03	OU4-TS-39-071725	SAM	07/22/25 17:56		Jaswal	OK
74	Q2639-05	OU4-TS-40-071725	SAM	07/22/25 18:00		Jaswal	OK
75	CCV06	CCV06	CCV	07/22/25 18:05		Jaswal	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136571

Review By	Janvi	Review On	7/23/2025 3:54:08 PM
Supervise By	jaswal	Supervise On	7/23/2025 3:53:24 PM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86494
CCV Standard	MP86462
ICSA Standard	MP86460,MP86495
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

76	CCB06	CCB06	CCB	07/22/25 18:09		Jaswal	OK
77	Q2639-07	OU4-TS-41-071725	SAM	07/22/25 18:13		Jaswal	OK
78	Q2639-09	OU4-TS-42-071725	SAM	07/22/25 18:17	Confirm result	Jaswal	Not Ok
79	Q2639-11	OU4-TS-43-071725	SAM	07/22/25 18:22		Jaswal	OK
80	Q2639-13	OU4-TS-44-071725	SAM	07/22/25 18:26		Jaswal	OK
81	Q2651-01	MH 2-1	SAM	07/22/25 18:30		Jaswal	OK
82	Q2651-01DUP	MH 2-1DUP	DUP	07/22/25 18:34		Jaswal	OK
83	Q2651-01L	MH 2-1L	SD	07/22/25 18:38		Jaswal	OK
84	Q2651-01MS	MH 2-1MS	MS	07/22/25 18:42		Jaswal	OK
85	Q2651-01MSD	MH 2-1MSD	MSD	07/22/25 18:46		Jaswal	OK
86	Q2651-01A	MH 2-1A	PS	07/22/25 18:50	0.1ml of M0.1ml of M6004,M6013 in 10ml sample.	Jaswal	OK
87	CCV07	CCV07	CCV	07/22/25 18:54		Jaswal	OK
88	CCB07	CCB07	CCB	07/22/25 18:58		Jaswal	OK
89	Q2651-02	MH 6-5	SAM	07/22/25 19:03		Jaswal	OK
90	Q2651-03	MH 7-6	SAM	07/22/25 19:07		Jaswal	OK
91	Q2651-04	MH 8-7	SAM	07/22/25 19:11		Jaswal	OK
92	Q2651-05	MH 9-8	SAM	07/22/25 19:15		Jaswal	OK
93	CCV08	CCV08	CCV	07/22/25 19:19		Jaswal	OK
94	CCB08	CCB08	CCB	07/22/25 19:23		Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168941

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 07/21/2025 **Time :** 12:30 **Temp :** 96 °C

End Digest Date: 07/21/2025 **Time :** 15:32 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SJS

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6007
LFS-2	1.00	M6015
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/21/25 16:32	SJS Met dig	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168941

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168919TB	PB168919TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	12
PB168926TB	PB168926TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	13
PB168941BL	PBW941	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	14
PB168941BS	LCS941	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6015	15
Q2622-04	2819	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	16
Q2641-02	P001-CONCRETE001-01	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	17
Q2645-03	RW5B-CARBON-20250716	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	18
Q2646-03	FRAC TANK	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	19
Q2649-04	WC-1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	20
Q2649-08	WC-2	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	21
Q2649-12	WC-3	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	22
Q2649-16	WC-4	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	23
Q2649-20	WC-5	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	24
Q2649-24	WC-6	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	25
Q2649-24MS	WC-6MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6015	27
Q2649-24MSD	WC-6MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6015	28
Q2649-24DUP	WC-6DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	26

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168960

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 07/21/2025 **Time :** 14:10 **Temp :** 95 °C

End Digest Date: 07/21/2025 **Time :** 16:10 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86433
CCV	30mL	MP86435
CRA	30mL	MP86437
Blank Spike	0.48mL	MP86425
Matrix Spike	0.48mL	MP86425

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP86426
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86428
2.5 ppb	S2.5	30mL	MP86429
5.0 ppb	S5.0	30mL	MP86430
7.5 ppb	S7.5	30mL	MP86431
10.0 ppb	S10.0	30mL	MP86432
ICV	ICV	30mL	MP86433
ICB	ICB	30mL	MP86434
CCV	CCV	30mL	MP86435
CCB	CCB	30mL	MP86436
CRI	CRI	30mL	MP86437
CHK STD	CHK STD	30mL	MP86438

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/21/25 @ 16:10	MB - Dig. Lab	MB - metals lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168960

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB168919TB	PB168919TB	3	30	<2	N/A	3-23
PB168926TB	PB168926TB	3	30	<2	N/A	24
PB168960BL	PBW960	30	30	<2	N/A	25
PB168960BS	LCS960	30	30	<2	MP86425	26
Q2641-02	P001-CONCRETE001-01	3	30	<2	N/A	27
Q2645-03	RW5B-CARBON-20250716	3	30	<2	N/A	28
Q2646-03	FRAC TANK	3	30	<2	N/A	29
Q2649-04	WC-1	3	30	<2	N/A	30
Q2649-08	WC-2	3	30	<2	N/A	31
Q2649-12	WC-3	3	30	<2	N/A	32
Q2649-16	WC-4	3	30	<2	N/A	33
Q2649-20	WC-5	3	30	<2	N/A	34
Q2649-24	WC-6	3	30	<2	N/A	35
Q2649-24DUP	WC-6DUP	3	30	<2	N/A	36
Q2649-24MS	WC-6MS	3	30	<2	MP86425	37
Q2649-24MSD	WC-6MSD	3	30	<2	MP86425	38

A B C D E F G H I J

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168926

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A **Time :** N/A

End Prep Date : N/A **Time :** N/A

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature : JP

Supervisor By : IZ

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. q2646-03 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/21/25 1130	JP Lab Room	SKS. RJ / Lab
	Preparation Group	Analysis Group Inorg

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168926

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	N/A	N/A	4.5	1.0	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	<0.5	N/A