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

DATA PACKAGE

METALS

PROJECT NAME : COOPER CHEMICAL - LONG VALLEY NJ 2-COOP-ANS

ENVIRONMENTAL RESTORATION, LLC

110 Granby Street

Bloomfield, CT - 06002

Phone No: 516-502-6327

ORDER ID : Q2799

ATTENTION : Byron Hartman

Laboratory Certification ID # 20012

Table Of Contents for Q2799

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : Environmental Restoration, LLC

Project Location : Long Valley NJ Project Number : CC2-16

Laboratory Sample ID(s) : Q2799 Sampling Date(s) : 7/14/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **,200.7,245.1,SOP**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☐ Yes ☑ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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Cover Page

Order ID : Q2799

Project ID : Cooper Chemical - Long Valley NJ 2-COOP-ANS

Client : Environmental Restoration, LLC

Lab Sample Number	Client Sample Number
Q2799-01	CC-071325-RW

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

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:46 am, Aug 18, 2025

Date: 8/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Environmental Restoration, LLC
Project Name: Cooper Chemical - Long Valley NJ 2-COOP-ANS
Project # N/A
Order ID # Q2799
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
1 Water samples were received on 07/14/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL and METALS-TAL. This data package contains results for Mercury,Metals ICP-TAL.

C. Analytical Techniques:
The analysis and digestion of Metals ICP-TAL was based on 200.7 and The analysis and digestion of Mercury was based on 245.1.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike analysis met criteria for all compounds.
The Matrix Spike Duplicate (EFF-WASTE WATERMSD) analysis met criteria for all compounds except for Magnesium, Potassium and Zinc due to Chemical Interference during Digestion process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments: The temperature of the samples at the time of receipt was 24.2°C.

The Post Digest Spike (EFF-WASTE WATERA) analysis met criteria for all compounds except for Potassium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

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

Signature___ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 8:47 am, Aug 18, 2025

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2799

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 08/13/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2799 **Order ID:** Q2799

Client: Environmental Restoration, LLC **Project ID:** Cooper Chemical - Long Valley NJ 2-COO

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : CC-071325-RW								
Q2799-01	CC-071325-RW	Water	Aluminum	127		15.4	50.0	ug/L
Q2799-01	CC-071325-RW	Water	Barium	66.8		9.75	50.0	ug/L
Q2799-01	CC-071325-RW	Water	Cadmium	11.1		0.31	3.00	ug/L
Q2799-01	CC-071325-RW	Water	Calcium	11700		86.4	1000	ug/L
Q2799-01	CC-071325-RW	Water	Chromium	2.91	J	0.53	5.00	ug/L
Q2799-01	CC-071325-RW	Water	Cobalt	4.46	J	1.16	15.0	ug/L
Q2799-01	CC-071325-RW	Water	Copper	80.2		1.89	10.0	ug/L
Q2799-01	CC-071325-RW	Water	Iron	225		18.0	50.0	ug/L
Q2799-01	CC-071325-RW	Water	Magnesium	357	J	104	1000	ug/L
Q2799-01	CC-071325-RW	Water	Manganese	34.5		2.46	10.0	ug/L
Q2799-01	CC-071325-RW	Water	Nickel	14.3	J	1.90	20.0	ug/L
Q2799-01	CC-071325-RW	Water	Potassium	43500		309	1000	ug/L
Q2799-01	CC-071325-RW	Water	Silver	11.2		0.81	5.00	ug/L
Q2799-01	CC-071325-RW	Water	Sodium	64800		367	1000	ug/L
Q2799-01	CC-071325-RW	Water	Thallium	37.8		2.51	20.0	ug/L
Q2799-01	CC-071325-RW	Water	Zinc	2460		2.00	20.0	ug/L

SAMPLE DATA

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

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/14/25
Project:	Cooper Chemical - Long Valley NJ 2-COOP-ANS	Date Received:	07/14/25
Client Sample ID:	CC-071325-RW	SDG No.:	Q2799
Lab Sample ID:	Q2799-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	127		1	15.4	50.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-36-0	Antimony	2.72	U	1	2.72	25.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-38-2	Arsenic	1.85	U	1	1.85	10.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-39-3	Barium	66.8		1	9.75	50.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-41-7	Beryllium	0.27	U	1	0.27	3.00	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-43-9	Cadmium	11.1		1	0.31	3.00	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-70-2	Calcium	11700		1	86.4	1000	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-47-3	Chromium	2.91	J	1	0.53	5.00	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-48-4	Cobalt	4.46	J	1	1.16	15.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-50-8	Copper	80.2		1	1.89	10.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7439-89-6	Iron	225		1	18.0	50.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7439-92-1	Lead	1.21	U	1	1.21	6.00	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7439-95-4	Magnesium	357	JN	1	104	1000	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7439-96-5	Manganese	34.5		1	2.46	10.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7439-97-6	Mercury	0.027	U	1	0.027	0.20	ug/L	08/12/25 13:50	08/12/25 18:23	E245.1	
7440-02-0	Nickel	14.3	J	1	1.90	20.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-09-7	Potassium	43500	N	1	309	1000	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7782-49-2	Selenium	2.52	U	1	2.52	10.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-22-4	Silver	11.2		1	0.81	5.00	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-23-5	Sodium	64800		1	367	1000	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-28-0	Thallium	37.8		1	2.51	20.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-62-2	Vanadium	2.49	U	1	2.49	20.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	
7440-66-6	Zinc	2460	N	1	2.00	20.0	ug/L	08/11/25 12:55	08/12/25 13:28	EPA 200.7	

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

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB11	Mercury	0.027	+/-0.2	U	0.20	CV	08/12/2025	17:40	LB136791

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB32	Mercury	0.027	+/-0.2	U	0.20	CV	08/12/2025	17:45	LB136791
CCB33	Mercury	0.027	+/-0.2	U	0.20	CV	08/12/2025	18:20	LB136791
CCB34	Mercury	0.027	+/-0.2	U	0.20	CV	08/12/2025	18:32	LB136791

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	08/12/2025	11:48	LB136789
	Antimony	6.76	+/-25	U	50.0	P	08/12/2025	11:48	LB136789
	Arsenic	5.12	+/-10	U	20.0	P	08/12/2025	11:48	LB136789
	Barium	14.6	+/-50	U	100	P	08/12/2025	11:48	LB136789
	Beryllium	0.56	+/-3	U	6.00	P	08/12/2025	11:48	LB136789
	Cadmium	0.50	+/-3	U	6.00	P	08/12/2025	11:48	LB136789
	Calcium	234	+/-1000	U	2000	P	08/12/2025	11:48	LB136789
	Chromium	2.12	+/-5	U	10.0	P	08/12/2025	11:48	LB136789
	Cobalt	2.26	+/-15	U	30.0	P	08/12/2025	11:48	LB136789
	Copper	4.60	+/-10	U	20.0	P	08/12/2025	11:48	LB136789
	Iron	23.4	+/-50	U	100	P	08/12/2025	11:48	LB136789
	Lead	2.30	+/-6	U	12.0	P	08/12/2025	11:48	LB136789
	Magnesium	244	+/-1000	U	2000	P	08/12/2025	11:48	LB136789
	Manganese	5.94	+/-10	U	20.0	P	08/12/2025	11:48	LB136789
	Nickel	3.06	+/-20	U	40.0	P	08/12/2025	11:48	LB136789
	Potassium	918	+/-1000	U	2000	P	08/12/2025	11:48	LB136789
	Selenium	9.64	+/-10	U	20.0	P	08/12/2025	11:48	LB136789
	Silver	1.62	+/-5	U	10.0	P	08/12/2025	11:48	LB136789
	Sodium	868	+/-1000	U	2000	P	08/12/2025	11:48	LB136789
	Thallium	4.38	+/-20	U	40.0	P	08/12/2025	11:48	LB136789
	Vanadium	6.26	+/-20	U	40.0	P	08/12/2025	11:48	LB136789
	Zinc	16.7	+/-20	U	40.0	P	08/12/2025	11:48	LB136789

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	13.2	+/-50	J	100	P	08/12/2025	12:54	LB136789
	Antimony	6.76	+/-25	U	50.0	P	08/12/2025	12:54	LB136789
	Arsenic	5.12	+/-10	U	20.0	P	08/12/2025	12:54	LB136789
	Barium	14.6	+/-50	U	100	P	08/12/2025	12:54	LB136789
	Beryllium	0.56	+/-3	U	6.00	P	08/12/2025	12:54	LB136789
	Cadmium	0.50	+/-3	U	6.00	P	08/12/2025	12:54	LB136789
	Calcium	234	+/-1000	U	2000	P	08/12/2025	12:54	LB136789
	Chromium	2.12	+/-5	U	10.0	P	08/12/2025	12:54	LB136789
	Cobalt	2.26	+/-15	U	30.0	P	08/12/2025	12:54	LB136789
	Copper	4.60	+/-10	U	20.0	P	08/12/2025	12:54	LB136789
	Iron	23.4	+/-50	U	100	P	08/12/2025	12:54	LB136789
	Lead	2.30	+/-6	U	12.0	P	08/12/2025	12:54	LB136789
	Magnesium	244	+/-1000	U	2000	P	08/12/2025	12:54	LB136789
	Manganese	5.94	+/-10	U	20.0	P	08/12/2025	12:54	LB136789
	Nickel	3.06	+/-20	U	40.0	P	08/12/2025	12:54	LB136789
	Potassium	918	+/-1000	U	2000	P	08/12/2025	12:54	LB136789
	Selenium	9.64	+/-10	U	20.0	P	08/12/2025	12:54	LB136789
	Silver	1.62	+/-5	U	10.0	P	08/12/2025	12:54	LB136789
	Sodium	868	+/-1000	U	2000	P	08/12/2025	12:54	LB136789
	Thallium	4.38	+/-20	U	40.0	P	08/12/2025	12:54	LB136789
	Vanadium	6.26	+/-20	U	40.0	P	08/12/2025	12:54	LB136789
	Zinc	16.7	+/-20	U	40.0	P	08/12/2025	12:54	LB136789
CCB02	Aluminum	11.3	+/-50	U	100	P	08/12/2025	14:31	LB136789
	Antimony	6.76	+/-25	U	50.0	P	08/12/2025	14:31	LB136789
	Arsenic	5.12	+/-10	U	20.0	P	08/12/2025	14:31	LB136789
	Barium	14.6	+/-50	U	100	P	08/12/2025	14:31	LB136789
	Beryllium	0.56	+/-3	U	6.00	P	08/12/2025	14:31	LB136789
	Cadmium	0.50	+/-3	U	6.00	P	08/12/2025	14:31	LB136789
	Calcium	234	+/-1000	U	2000	P	08/12/2025	14:31	LB136789
	Chromium	2.12	+/-5	U	10.0	P	08/12/2025	14:31	LB136789
	Cobalt	2.26	+/-15	U	30.0	P	08/12/2025	14:31	LB136789
	Copper	4.60	+/-10	U	20.0	P	08/12/2025	14:31	LB136789
	Iron	23.4	+/-50	U	100	P	08/12/2025	14:31	LB136789
	Lead	2.30	+/-6	U	12.0	P	08/12/2025	14:31	LB136789
	Magnesium	244	+/-1000	U	2000	P	08/12/2025	14:31	LB136789
	Manganese	5.94	+/-10	U	20.0	P	08/12/2025	14:31	LB136789
	Nickel	3.06	+/-20	U	40.0	P	08/12/2025	14:31	LB136789
	Potassium	918	+/-1000	U	2000	P	08/12/2025	14:31	LB136789
	Selenium	9.64	+/-10	U	20.0	P	08/12/2025	14:31	LB136789

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	08/12/2025	14:31	LB136789
	Sodium	868	+/-1000	U	2000	P	08/12/2025	14:31	LB136789
	Thallium	4.38	+/-20	U	40.0	P	08/12/2025	14:31	LB136789
	Vanadium	6.26	+/-20	U	40.0	P	08/12/2025	14:31	LB136789
	Zinc	16.7	+/-20	U	40.0	P	08/12/2025	14:31	LB136789
CCB03	Aluminum	14.5	+/-50	J	100	P	08/12/2025	16:11	LB136789
	Antimony	6.76	+/-25	U	50.0	P	08/12/2025	16:11	LB136789
	Arsenic	5.12	+/-10	U	20.0	P	08/12/2025	16:11	LB136789
	Barium	14.6	+/-50	U	100	P	08/12/2025	16:11	LB136789
	Beryllium	0.56	+/-3	U	6.00	P	08/12/2025	16:11	LB136789
	Cadmium	0.50	+/-3	U	6.00	P	08/12/2025	16:11	LB136789
	Calcium	234	+/-1000	U	2000	P	08/12/2025	16:11	LB136789
	Chromium	2.12	+/-5	U	10.0	P	08/12/2025	16:11	LB136789
	Cobalt	2.26	+/-15	U	30.0	P	08/12/2025	16:11	LB136789
	Copper	4.60	+/-10	U	20.0	P	08/12/2025	16:11	LB136789
	Iron	23.4	+/-50	U	100	P	08/12/2025	16:11	LB136789
	Lead	2.30	+/-6	U	12.0	P	08/12/2025	16:11	LB136789
	Magnesium	244	+/-1000	U	2000	P	08/12/2025	16:11	LB136789
	Manganese	5.94	+/-10	U	20.0	P	08/12/2025	16:11	LB136789
	Nickel	3.06	+/-20	U	40.0	P	08/12/2025	16:11	LB136789
	Potassium	918	+/-1000	U	2000	P	08/12/2025	16:11	LB136789
	Selenium	9.64	+/-10	U	20.0	P	08/12/2025	16:11	LB136789
	Silver	1.62	+/-5	U	10.0	P	08/12/2025	16:11	LB136789
	Sodium	868	+/-1000	U	2000	P	08/12/2025	16:11	LB136789
	Thallium	4.38	+/-20	U	40.0	P	08/12/2025	16:11	LB136789
	Vanadium	6.26	+/-20	U	40.0	P	08/12/2025	16:11	LB136789
	Zinc	16.7	+/-20	U	40.0	P	08/12/2025	16:11	LB136789
CCB04	Aluminum	22.1	+/-50	J	100	P	08/12/2025	16:34	LB136789
	Antimony	6.76	+/-25	U	50.0	P	08/12/2025	16:34	LB136789
	Arsenic	5.12	+/-10	U	20.0	P	08/12/2025	16:34	LB136789
	Barium	14.6	+/-50	U	100	P	08/12/2025	16:34	LB136789
	Beryllium	0.56	+/-3	U	6.00	P	08/12/2025	16:34	LB136789
	Cadmium	0.50	+/-3	U	6.00	P	08/12/2025	16:34	LB136789
	Calcium	234	+/-1000	U	2000	P	08/12/2025	16:34	LB136789
	Chromium	2.12	+/-5	U	10.0	P	08/12/2025	16:34	LB136789
	Cobalt	2.26	+/-15	U	30.0	P	08/12/2025	16:34	LB136789
	Copper	4.60	+/-10	U	20.0	P	08/12/2025	16:34	LB136789
	Iron	23.4	+/-50	U	100	P	08/12/2025	16:34	LB136789
	Lead	2.30	+/-6	U	12.0	P	08/12/2025	16:34	LB136789

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	08/12/2025	16:34	LB136789
	Manganese	5.94	+/-10	U	20.0	P	08/12/2025	16:34	LB136789
	Nickel	3.06	+/-20	U	40.0	P	08/12/2025	16:34	LB136789
	Potassium	918	+/-1000	U	2000	P	08/12/2025	16:34	LB136789
	Selenium	9.64	+/-10	U	20.0	P	08/12/2025	16:34	LB136789
	Silver	1.62	+/-5	U	10.0	P	08/12/2025	16:34	LB136789
	Sodium	868	+/-1000	U	2000	P	08/12/2025	16:34	LB136789
	Thallium	4.38	+/-20	U	40.0	P	08/12/2025	16:34	LB136789
	Vanadium	6.26	+/-20	U	40.0	P	08/12/2025	16:34	LB136789
	Zinc	16.7	+/-20	U	40.0	P	08/12/2025	16:34	LB136789

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169219BL		**WATER**		**Batch Number:**	**PB169219**		**Prep Date:**	**08/12/2025**	
	Mercury	0.027	<0.2	U	0.20	CV	08/12/2025	17:57	LB136791

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Metals
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PREPARATION BLANK SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169195BL		**WATER**		**Batch Number:**	**PB169195**		**Prep Date:**	**08/11/2025**	
	Aluminum	15.4	<25	U	50.0	P	08/12/2025	12:58	LB136789
	Antimony	2.72	<12.5	U	25.0	P	08/12/2025	12:58	LB136789
	Arsenic	1.85	<5	U	10.0	P	08/12/2025	12:58	LB136789
	Barium	9.75	<25	U	50.0	P	08/12/2025	12:58	LB136789
	Beryllium	0.27	<1.5	U	3.00	P	08/12/2025	12:58	LB136789
	Cadmium	0.31	<1.5	U	3.00	P	08/12/2025	12:58	LB136789
	Calcium	86.4	<500	U	1000	P	08/12/2025	12:58	LB136789
	Chromium	0.53	<2.5	U	5.00	P	08/12/2025	12:58	LB136789
	Cobalt	1.16	<7.5	U	15.0	P	08/12/2025	12:58	LB136789
	Copper	1.89	<5	U	10.0	P	08/12/2025	12:58	LB136789
	Iron	18.0	<25	U	50.0	P	08/12/2025	12:58	LB136789
	Lead	1.21	<3	U	6.00	P	08/12/2025	12:58	LB136789
	Magnesium	104	<500	U	1000	P	08/12/2025	12:58	LB136789
	Manganese	2.46	<5	U	10.0	P	08/12/2025	12:58	LB136789
	Nickel	1.90	<10	U	20.0	P	08/12/2025	12:58	LB136789
	Potassium	309	<500	U	1000	P	08/12/2025	12:58	LB136789
	Selenium	2.52	<5	U	10.0	P	08/12/2025	12:58	LB136789
	Silver	0.81	<2.5	U	5.00	P	08/12/2025	12:58	LB136789
	Sodium	367	<500	U	1000	P	08/12/2025	12:58	LB136789
	Thallium	2.51	<10	U	20.0	P	08/12/2025	12:58	LB136789
	Vanadium	2.49	<10	U	20.0	P	08/12/2025	12:58	LB136789
	Zinc	2.00	<10	U	20.0	P	08/12/2025	12:58	LB136789

METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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
ICV11	Mercury	4.06	4.0	102	95 - 105	CV	08/12/2025	17:35	LB136791

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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
CCV32	Mercury	4.97	5.0	99	90 - 110	CV	08/12/2025	17:42	LB136791
CCV33	Mercury	4.66	5.0	93	90 - 110	CV	08/12/2025	18:18	LB136791
CCV34	Mercury	4.75	5.0	95	90 - 110	CV	08/12/2025	18:30	LB136791

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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	Aluminum	7680	8000	96	95 - 105	P	08/12/2025	11:34	LB136789
	Antimony	3940	4000	98	95 - 105	P	08/12/2025	11:34	LB136789
	Arsenic	3830	4000	96	95 - 105	P	08/12/2025	11:34	LB136789
	Barium	7750	8000	97	95 - 105	P	08/12/2025	11:34	LB136789
	Beryllium	191	200	96	95 - 105	P	08/12/2025	11:34	LB136789
	Cadmium	1900	2000	95	95 - 105	P	08/12/2025	11:34	LB136789
	Calcium	19300	20000	96	95 - 105	P	08/12/2025	11:34	LB136789
	Chromium	794	800	99	95 - 105	P	08/12/2025	11:34	LB136789
	Cobalt	1950	2000	98	95 - 105	P	08/12/2025	11:34	LB136789
	Copper	999	1000	100	95 - 105	P	08/12/2025	11:34	LB136789
	Iron	3930	4000	98	95 - 105	P	08/12/2025	11:34	LB136789
	Lead	4050	4000	101	95 - 105	P	08/12/2025	11:34	LB136789
	Magnesium	19200	20000	96	95 - 105	P	08/12/2025	11:34	LB136789
	Manganese	1930	2000	97	95 - 105	P	08/12/2025	11:34	LB136789
	Nickel	1950	2000	98	95 - 105	P	08/12/2025	11:34	LB136789
	Potassium	19200	20000	96	95 - 105	P	08/12/2025	11:34	LB136789
	Selenium	3800	4000	95	95 - 105	P	08/12/2025	11:34	LB136789
	Silver	1010	1000	101	95 - 105	P	08/12/2025	11:34	LB136789
	Sodium	19200	20000	96	95 - 105	P	08/12/2025	11:34	LB136789
	Thallium	3860	4000	96	95 - 105	P	08/12/2025	11:34	LB136789
	Vanadium	1940	2000	97	95 - 105	P	08/12/2025	11:34	LB136789
	Zinc	1950	2000	97	95 - 105	P	08/12/2025	11:34	LB136789

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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	Aluminum	99.4	100	99	80 - 120	P	08/12/2025	11:43	LB136789
	Antimony	51.1	50.0	102	80 - 120	P	08/12/2025	11:43	LB136789
	Arsenic	22.2	20.0	111	80 - 120	P	08/12/2025	11:43	LB136789
	Barium	91.1	100	91	80 - 120	P	08/12/2025	11:43	LB136789
	Beryllium	5.84	6.0	97	80 - 120	P	08/12/2025	11:43	LB136789
	Cadmium	5.45	6.0	91	80 - 120	P	08/12/2025	11:43	LB136789
	Calcium	1990	2000	99	80 - 120	P	08/12/2025	11:43	LB136789
	Chromium	9.95	10.0	100	80 - 120	P	08/12/2025	11:43	LB136789
	Cobalt	29.0	30.0	97	80 - 120	P	08/12/2025	11:43	LB136789
	Copper	21.2	20.0	106	80 - 120	P	08/12/2025	11:43	LB136789
	Iron	102	100	102	80 - 120	P	08/12/2025	11:43	LB136789
	Lead	10.9	12.0	91	80 - 120	P	08/12/2025	11:43	LB136789
	Magnesium	2090	2000	104	80 - 120	P	08/12/2025	11:43	LB136789
	Manganese	20.5	20.0	103	80 - 120	P	08/12/2025	11:43	LB136789
	Nickel	39.0	40.0	97	80 - 120	P	08/12/2025	11:43	LB136789
	Potassium	1730	2000	86	80 - 120	P	08/12/2025	11:43	LB136789
	Selenium	18.2	20.0	91	80 - 120	P	08/12/2025	11:43	LB136789
	Silver	10.2	10.0	102	80 - 120	P	08/12/2025	11:43	LB136789
	Sodium	1730	2000	86	80 - 120	P	08/12/2025	11:43	LB136789
	Thallium	33.4	40.0	83	80 - 120	P	08/12/2025	11:43	LB136789
	Vanadium	42.7	40.0	107	80 - 120	P	08/12/2025	11:43	LB136789
	Zinc	40.5	40.0	101	80 - 120	P	08/12/2025	11:43	LB136789

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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	Aluminum	9600	10000	96	90 - 110	P	08/12/2025	12:50	LB136789
	Antimony	4970	5000	99	90 - 110	P	08/12/2025	12:50	LB136789
	Arsenic	4910	5000	98	90 - 110	P	08/12/2025	12:50	LB136789
	Barium	9910	10000	99	90 - 110	P	08/12/2025	12:50	LB136789
	Beryllium	249	250	99	90 - 110	P	08/12/2025	12:50	LB136789
	Cadmium	2380	2500	95	90 - 110	P	08/12/2025	12:50	LB136789
	Calcium	24100	25000	96	90 - 110	P	08/12/2025	12:50	LB136789
	Chromium	968	1000	97	90 - 110	P	08/12/2025	12:50	LB136789
	Cobalt	2390	2500	96	90 - 110	P	08/12/2025	12:50	LB136789
	Copper	1220	1250	98	90 - 110	P	08/12/2025	12:50	LB136789
	Iron	5030	5000	101	90 - 110	P	08/12/2025	12:50	LB136789
	Lead	4880	5000	98	90 - 110	P	08/12/2025	12:50	LB136789
	Magnesium	24100	25000	96	90 - 110	P	08/12/2025	12:50	LB136789
	Manganese	2420	2500	97	90 - 110	P	08/12/2025	12:50	LB136789
	Nickel	2400	2500	96	90 - 110	P	08/12/2025	12:50	LB136789
	Potassium	25000	25000	100	90 - 110	P	08/12/2025	12:50	LB136789
	Selenium	4910	5000	98	90 - 110	P	08/12/2025	12:50	LB136789
	Silver	1230	1250	98	90 - 110	P	08/12/2025	12:50	LB136789
	Sodium	25000	25000	100	90 - 110	P	08/12/2025	12:50	LB136789
	Thallium	4870	5000	97	90 - 110	P	08/12/2025	12:50	LB136789
	Vanadium	2440	2500	98	90 - 110	P	08/12/2025	12:50	LB136789
	Zinc	2480	2500	99	90 - 110	P	08/12/2025	12:50	LB136789
CCV02	Aluminum	9870	10000	99	90 - 110	P	08/12/2025	14:27	LB136789
	Antimony	5220	5000	104	90 - 110	P	08/12/2025	14:27	LB136789
	Arsenic	5160	5000	103	90 - 110	P	08/12/2025	14:27	LB136789
	Barium	9880	10000	99	90 - 110	P	08/12/2025	14:27	LB136789
	Beryllium	229	250	91	90 - 110	P	08/12/2025	14:27	LB136789
	Cadmium	2460	2500	98	90 - 110	P	08/12/2025	14:27	LB136789
	Calcium	24300	25000	97	90 - 110	P	08/12/2025	14:27	LB136789
	Chromium	1000	1000	100	90 - 110	P	08/12/2025	14:27	LB136789
	Cobalt	2470	2500	99	90 - 110	P	08/12/2025	14:27	LB136789
	Copper	1270	1250	102	90 - 110	P	08/12/2025	14:27	LB136789
	Iron	5300	5000	106	90 - 110	P	08/12/2025	14:27	LB136789
	Lead	4880	5000	98	90 - 110	P	08/12/2025	14:27	LB136789

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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
CCV02	Magnesium	24000	25000	96	90 - 110	P	08/12/2025	14:27	LB136789
	Manganese	2440	2500	97	90 - 110	P	08/12/2025	14:27	LB136789
	Nickel	2480	2500	99	90 - 110	P	08/12/2025	14:27	LB136789
	Potassium	26700	25000	107	90 - 110	P	08/12/2025	14:27	LB136789
	Selenium	5250	5000	105	90 - 110	P	08/12/2025	14:27	LB136789
	Silver	1260	1250	101	90 - 110	P	08/12/2025	14:27	LB136789
	Sodium	24700	25000	99	90 - 110	P	08/12/2025	14:27	LB136789
	Thallium	5280	5000	106	90 - 110	P	08/12/2025	14:27	LB136789
	Vanadium	2490	2500	100	90 - 110	P	08/12/2025	14:27	LB136789
	Zinc	2560	2500	102	90 - 110	P	08/12/2025	14:27	LB136789
CCV03	Aluminum	9920	10000	99	90 - 110	P	08/12/2025	16:07	LB136789
	Antimony	5180	5000	104	90 - 110	P	08/12/2025	16:07	LB136789
	Arsenic	5110	5000	102	90 - 110	P	08/12/2025	16:07	LB136789
	Barium	9960	10000	100	90 - 110	P	08/12/2025	16:07	LB136789
	Beryllium	229	250	91	90 - 110	P	08/12/2025	16:07	LB136789
	Cadmium	2430	2500	97	90 - 110	P	08/12/2025	16:07	LB136789
	Calcium	24200	25000	97	90 - 110	P	08/12/2025	16:07	LB136789
	Chromium	990	1000	99	90 - 110	P	08/12/2025	16:07	LB136789
	Cobalt	2440	2500	98	90 - 110	P	08/12/2025	16:07	LB136789
	Copper	1260	1250	101	90 - 110	P	08/12/2025	16:07	LB136789
	Iron	5310	5000	106	90 - 110	P	08/12/2025	16:07	LB136789
	Lead	4820	5000	96	90 - 110	P	08/12/2025	16:07	LB136789
	Magnesium	23900	25000	96	90 - 110	P	08/12/2025	16:07	LB136789
	Manganese	2440	2500	98	90 - 110	P	08/12/2025	16:07	LB136789
	Nickel	2450	2500	98	90 - 110	P	08/12/2025	16:07	LB136789
	Potassium	26400	25000	106	90 - 110	P	08/12/2025	16:07	LB136789
	Selenium	5200	5000	104	90 - 110	P	08/12/2025	16:07	LB136789
	Silver	1260	1250	100	90 - 110	P	08/12/2025	16:07	LB136789
	Sodium	24900	25000	100	90 - 110	P	08/12/2025	16:07	LB136789
	Thallium	5060	5000	101	90 - 110	P	08/12/2025	16:07	LB136789
	Vanadium	2490	2500	100	90 - 110	P	08/12/2025	16:07	LB136789
	Zinc	2520	2500	101	90 - 110	P	08/12/2025	16:07	LB136789
CCV04	Aluminum	9960	10000	100	90 - 110	P	08/12/2025	16:30	LB136789
	Antimony	5290	5000	106	90 - 110	P	08/12/2025	16:30	LB136789

Alliance TECHNICAL GROUP
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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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
CCV04	Arsenic	5230	5000	104	90 - 110	P	08/12/2025	16:30	LB136789
	Barium	10100	10000	101	90 - 110	P	08/12/2025	16:30	LB136789
	Beryllium	227	250	91	90 - 110	P	08/12/2025	16:30	LB136789
	Cadmium	2460	2500	98	90 - 110	P	08/12/2025	16:30	LB136789
	Calcium	24200	25000	97	90 - 110	P	08/12/2025	16:30	LB136789
	Chromium	995	1000	100	90 - 110	P	08/12/2025	16:30	LB136789
	Cobalt	2470	2500	99	90 - 110	P	08/12/2025	16:30	LB136789
	Copper	1280	1250	103	90 - 110	P	08/12/2025	16:30	LB136789
	Iron	5400	5000	108	90 - 110	P	08/12/2025	16:30	LB136789
	Lead	4870	5000	97	90 - 110	P	08/12/2025	16:30	LB136789
	Magnesium	23900	25000	96	90 - 110	P	08/12/2025	16:30	LB136789
	Manganese	2440	2500	98	90 - 110	P	08/12/2025	16:30	LB136789
	Nickel	2490	2500	100	90 - 110	P	08/12/2025	16:30	LB136789
	Potassium	26700	25000	107	90 - 110	P	08/12/2025	16:30	LB136789
	Selenium	5330	5000	107	90 - 110	P	08/12/2025	16:30	LB136789
	Silver	1270	1250	101	90 - 110	P	08/12/2025	16:30	LB136789
	Sodium	25200	25000	101	90 - 110	P	08/12/2025	16:30	LB136789
	Thallium	5020	5000	100	90 - 110	P	08/12/2025	16:30	LB136789
	Vanadium	2500	2500	100	90 - 110	P	08/12/2025	16:30	LB136789
	Zinc	2500	2500	100	90 - 110	P	08/12/2025	16:30	LB136789

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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	Aluminum	103	100	103	65 - 135	P	08/12/2025	11:56	LB136789
	Antimony	48.6	50.0	97	65 - 135	P	08/12/2025	11:56	LB136789
	Arsenic	21.6	20.0	108	65 - 135	P	08/12/2025	11:56	LB136789
	Barium	91.6	100	92	65 - 135	P	08/12/2025	11:56	LB136789
	Beryllium	5.75	6.0	96	65 - 135	P	08/12/2025	11:56	LB136789
	Cadmium	5.34	6.0	89	65 - 135	P	08/12/2025	11:56	LB136789
	Calcium	1970	2000	98	65 - 135	P	08/12/2025	11:56	LB136789
	Chromium	9.88	10.0	99	65 - 135	P	08/12/2025	11:56	LB136789
	Cobalt	28.5	30.0	95	65 - 135	P	08/12/2025	11:56	LB136789
	Copper	20.3	20.0	102	65 - 135	P	08/12/2025	11:56	LB136789
	Iron	98.1	100	98	65 - 135	P	08/12/2025	11:56	LB136789
	Lead	11.1	12.0	93	65 - 135	P	08/12/2025	11:56	LB136789
	Magnesium	2060	2000	103	65 - 135	P	08/12/2025	11:56	LB136789
	Manganese	20.4	20.0	102	65 - 135	P	08/12/2025	11:56	LB136789
	Nickel	38.5	40.0	96	65 - 135	P	08/12/2025	11:56	LB136789
	Potassium	1640	2000	82	65 - 135	P	08/12/2025	11:56	LB136789
	Selenium	17.3	20.0	86	65 - 135	P	08/12/2025	11:56	LB136789
	Silver	10.4	10.0	104	65 - 135	P	08/12/2025	11:56	LB136789
	Sodium	1670	2000	84	65 - 135	P	08/12/2025	11:56	LB136789
	Thallium	32.8	40.0	82	65 - 135	P	08/12/2025	11:56	LB136789
	Vanadium	39.2	40.0	98	65 - 135	P	08/12/2025	11:56	LB136789
	Zinc	40.0	40.0	100	65 - 135	P	08/12/2025	11:56	LB136789
CRA	Mercury	0.038	0.05	76	60 - 140	CV	08/12/2025	17:47	LB136791

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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	Aluminum	237000	255000	93	216000	294000	08/12/2025	12:00	LB136789
	Antimony	-4.63			-50	50	08/12/2025	12:00	LB136789
	Arsenic	9.40			-20	20	08/12/2025	12:00	LB136789
	Barium	-3.44	6.0	57	-94	106	08/12/2025	12:00	LB136789
	Beryllium	1.34			-6	6	08/12/2025	12:00	LB136789
	Cadmium	1.01	1.0	101	-5	7	08/12/2025	12:00	LB136789
	Calcium	227000	245000	93	208000	282000	08/12/2025	12:00	LB136789
	Chromium	57.4	52.0	110	42	62	08/12/2025	12:00	LB136789
	Cobalt	1.47			-30	30	08/12/2025	12:00	LB136789
	Copper	4.88	2.0	244	-18	22	08/12/2025	12:00	LB136789
	Iron	98300	101000	97	85600	116500	08/12/2025	12:00	LB136789
	Lead	-7.54			-12	12	08/12/2025	12:00	LB136789
	Magnesium	240000	255000	94	216000	294000	08/12/2025	12:00	LB136789
	Manganese	7.76	7.0	111	-13	27	08/12/2025	12:00	LB136789
	Nickel	5.34	2.0	267	-38	42	08/12/2025	12:00	LB136789
	Potassium	-88.4			0	0	08/12/2025	12:00	LB136789
	Selenium	3.67			-20	20	08/12/2025	12:00	LB136789
	Silver	2.23			-10	10	08/12/2025	12:00	LB136789
	Sodium	-85.2			0	0	08/12/2025	12:00	LB136789
	Thallium	1.31			-40	40	08/12/2025	12:00	LB136789
	Vanadium	3.28			-40	40	08/12/2025	12:00	LB136789
	Zinc	2.31			-40	40	08/12/2025	12:00	LB136789
ICSAB01	Aluminum	242000	247000	98	209000	285000	08/12/2025	12:06	LB136789
	Antimony	584	618	94	525	711	08/12/2025	12:06	LB136789
	Arsenic	109	104	105	88.4	120	08/12/2025	12:06	LB136789
	Barium	483	537	90	437	637	08/12/2025	12:06	LB136789
	Beryllium	474	495	96	420	570	08/12/2025	12:06	LB136789
	Cadmium	957	972	98	826	1120	08/12/2025	12:06	LB136789
	Calcium	231000	235000	98	199000	271000	08/12/2025	12:06	LB136789
	Chromium	547	542	101	460	624	08/12/2025	12:06	LB136789
	Cobalt	484	476	102	404	548	08/12/2025	12:06	LB136789
	Copper	475	511	93	434	588	08/12/2025	12:06	LB136789
	Iron	100000	99300	101	84400	114500	08/12/2025	12:06	LB136789
	Lead	39.5	49.0	81	37	61	08/12/2025	12:06	LB136789
	Magnesium	243000	248000	98	210000	286000	08/12/2025	12:06	LB136789
	Manganese	483	507	95	430	584	08/12/2025	12:06	LB136789
	Nickel	966	954	101	810	1100	08/12/2025	12:06	LB136789
	Potassium	-167			0	0	08/12/2025	12:06	LB136789
	Selenium	53.2	46.0	116	26	66	08/12/2025	12:06	LB136789
	Silver	212	201	106	170	232	08/12/2025	12:06	LB136789
	Sodium	-77.7			0	0	08/12/2025	12:06	LB136789
	Thallium	98.4	108	91	68	148	08/12/2025	12:06	LB136789

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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
ICSAB01	Vanadium	473	491	96	417	565	08/12/2025	12:06	LB136789
	Zinc	1010	952	106	809	1095	08/12/2025	12:06	LB136789
ICSA	Aluminum	233000	255000	91	216000	294000	08/12/2025	12:10	LB136789
	Antimony	-41.0			-50	50	08/12/2025	12:10	LB136789
	Arsenic	43.5			-20	20	08/12/2025	12:10	LB136789
	Barium	-107	6.0	1783	-94	106	08/12/2025	12:10	LB136789
	Beryllium	2.59			-6	6	08/12/2025	12:10	LB136789
	Cadmium	-2.80	1.0	280	-5	7	08/12/2025	12:10	LB136789
	Calcium	233000	245000	95	208000	282000	08/12/2025	12:10	LB136789
	Chromium	57.2	52.0	110	42	62	08/12/2025	12:10	LB136789
	Cobalt	-4.02			-30	30	08/12/2025	12:10	LB136789
	Copper	4.26	2.0	213	-18	22	08/12/2025	12:10	LB136789
	Iron	94000	101000	93	85600	116500	08/12/2025	12:10	LB136789
	Lead	-5.72			-12	12	08/12/2025	12:10	LB136789
	Magnesium	241000	255000	94	216000	294000	08/12/2025	12:10	LB136789
	Manganese	2.24	7.0	32	-13	27	08/12/2025	12:10	LB136789
	Nickel	0.64	2.0	32	-38	42	08/12/2025	12:10	LB136789
	Potassium	-5920			0	0	08/12/2025	12:10	LB136789
	Selenium	-20.3			-20	20	08/12/2025	12:10	LB136789
	Silver	5.47			-10	10	08/12/2025	12:10	LB136789
	Sodium	-4070			0	0	08/12/2025	12:10	LB136789
	Thallium	-35.9			-40	40	08/12/2025	12:10	LB136789
	Vanadium	35.3			-40	40	08/12/2025	12:10	LB136789
	Zinc	3.13			-40	40	08/12/2025	12:10	LB136789
ICSAB	Aluminum	234000	247000	95	209000	285000	08/12/2025	12:15	LB136789
	Antimony	586	618	95	525	711	08/12/2025	12:15	LB136789
	Arsenic	110	104	106	88.4	120	08/12/2025	12:15	LB136789
	Barium	358	537	67	437	637	08/12/2025	12:15	LB136789
	Beryllium	477	495	96	420	570	08/12/2025	12:15	LB136789
	Cadmium	944	972	97	826	1120	08/12/2025	12:15	LB136789
	Calcium	234000	235000	100	199000	271000	08/12/2025	12:15	LB136789
	Chromium	553	542	102	460	624	08/12/2025	12:15	LB136789
	Cobalt	477	476	100	404	548	08/12/2025	12:15	LB136789
	Copper	510	511	100	434	588	08/12/2025	12:15	LB136789
	Iron	95800	99300	96	84400	114500	08/12/2025	12:15	LB136789
	Lead	17.4	49.0	36	37	61	08/12/2025	12:15	LB136789
	Magnesium	242000	248000	98	210000	286000	08/12/2025	12:15	LB136789
	Manganese	480	507	95	430	584	08/12/2025	12:15	LB136789
	Nickel	962	954	101	810	1100	08/12/2025	12:15	LB136789
	Potassium	-6140			0	0	08/12/2025	12:15	LB136789
	Selenium	11.6	46.0	25	26	66	08/12/2025	12:15	LB136789
	Silver	198	201	98	170	232	08/12/2025	12:15	LB136789

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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
ICSAB	Sodium	-3980			0	0	08/12/2025	12:15	LB136789
	Thallium	89.3	108	83	68	148	08/12/2025	12:15	LB136789
	Vanadium	552	491	112	417	565	08/12/2025	12:15	LB136789
	Zinc	975	952	102	809	1095	08/12/2025	12:15	LB136789

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: Environmental Restoration, LLC **level:** low **sdg no.:** Q2799

contract: ENVI60 **lab code:** ACE

matrix: Water **sample id:** Q2785-01 **client id:** WATERMS

Percent Solids for Sample: NA **Spiked ID:** Q2785-01MS **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	75 - 125	3.83		0.20	U	4.0	96		CV

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Environmental Restoration, LLC **level:** low **sdg no.:** Q2799

contract: ENVI60 **lab code:** ACE

matrix: Water **sample id:** Q2785-01 **client id:** WATERMSD

Percent Solids for Sample: NA **Spiked ID:** Q2785-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.83		0.20	U	4.0	96		CV

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: Environmental Restoration, LLC **level:** low **sdg no.:** Q2799

contract: ENVI60 **lab code:** ACE

matrix: Water **sample id:** Q2811-02 **client id:** EFF-WASTE WATERMS

Percent Solids for Sample: NA **Spiked ID:** Q2811-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	976		50.3		1000	93		P
Antimony	ug/L	75 - 125	401		25.0	U	400	100		P
Arsenic	ug/L	75 - 125	399		10.0	U	400	100		P
Barium	ug/L	75 - 125	95.9		50.0	U	100	96		P
Beryllium	ug/L	75 - 125	83.6		3.00	U	100	84		P
Cadmium	ug/L	75 - 125	93.8		3.00	U	100	94		P
Calcium	ug/L	75 - 125	13000		12400		500	111		P
Chromium	ug/L	75 - 125	194		0.65	J	200	96		P
Cobalt	ug/L	75 - 125	94.8		15.0	U	100	95		P
Copper	ug/L	75 - 125	223		84.6		150	92		P
Iron	ug/L	75 - 125	1820		201		1500	108		P
Lead	ug/L	75 - 125	430		1.76	J	500	86		P
Magnesium	ug/L	75 - 125	3890		3000		1000	89		P
Manganese	ug/L	75 - 125	147		55.3		100	92		P
Nickel	ug/L	75 - 125	237		20.0	U	250	95		P
Potassium	ug/L	75 - 125	8360		2190		5000	123		P
Selenium	ug/L	75 - 125	999		3.58	J	1000	100		P
Silver	ug/L	75 - 125	31.1		5.00	U	37.5	83		P
Sodium	ug/L	75 - 125	530000		534000		1500	-222		P
Thallium	ug/L	75 - 125	759		20.0	U	1000	76		P
Vanadium	ug/L	75 - 125	143		20.0	U	150	95		P
Zinc	ug/L	75 - 125	303		203		100	99		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Environmental Restoration, LLC **level:** low **sdg no.:** Q2799

contract: ENVI60 **lab code:** ACE

matrix: Water **sample id:** Q2811-02 **client id:** EFF-WASTE WATERMSD

Percent Solids for Sample: NA **Spiked ID:** Q2811-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1040		50.3		1000	99		P
Antimony	ug/L	75 - 125	432		25.0	U	400	108		P
Arsenic	ug/L	75 - 125	438		10.0	U	400	110		P
Barium	ug/L	75 - 125	101		50.0	U	100	101		P
Beryllium	ug/L	75 - 125	88.5		3.00	U	100	88		P
Cadmium	ug/L	75 - 125	100		3.00	U	100	100		P
Calcium	ug/L	75 - 125	14300		12400		500	380		P
Chromium	ug/L	75 - 125	203		0.65	J	200	101		P
Cobalt	ug/L	75 - 125	101		15.0	U	100	101		P
Copper	ug/L	75 - 125	243		84.6		150	106		P
Iron	ug/L	75 - 125	1970		201		1500	118		P
Lead	ug/L	75 - 125	465		1.76	J	500	93		P
Magnesium	ug/L	75 - 125	4260		3000		1000	126	N	P
Manganese	ug/L	75 - 125	157		55.3		100	102		P
Nickel	ug/L	75 - 125	253		20.0	U	250	101		P
Potassium	ug/L	75 - 125	9530		2190		5000	147	N	P
Selenium	ug/L	75 - 125	1100		3.58	J	1000	110		P
Silver	ug/L	75 - 125	34.9		5.00	U	37.5	93		P
Sodium	ug/L	75 - 125	584000		534000		1500	3361		P
Thallium	ug/L	75 - 125	925		20.0	U	1000	92		P
Vanadium	ug/L	75 - 125	151		20.0	U	150	101		P
Zinc	ug/L	75 - 125	342		203		100	138	N	P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** EFF-WASTE WATERA

Sample ID: Q2811-02 **Spiked ID:** Q2811-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Magnesium	ug/L	85 - 115	3870		3000		1000	86		P
Potassium	ug/L	85 - 115	8330		2190		5000	123	N	P
Zinc	ug/L	85 - 115	305		203		100	102		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Environmental Restoration, LLC **Level:** LOW **SDG No.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2785-01 **Client ID:** WATERDUP

Percent Solids for Sample: NA **Duplicate ID** Q2785-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			CV

"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.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2785-01MS **Client ID:** WATERMSD

Percent Solids for Sample: NA **Duplicate ID** Q2785-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.83		3.83		0		CV

"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.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2811-02 **Client ID:** EFF-WASTE WATERDUP

Percent Solids for Sample: NA **Duplicate ID** Q2811-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	50.3		49.6	J	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	50.0	U	50.0	U			P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	12400		12300		1		P
Chromium	ug/L	20	0.65	J	0.62	J	6		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	84.6		83.4		1		P
Iron	ug/L	20	201		191		5		P
Lead	ug/L	20	1.76	J	1.22	J	36		P
Magnesium	ug/L	20	3000		2970		1		P
Manganese	ug/L	20	55.3		53.9		3		P
Nickel	ug/L	20	20.0	U	20.0	U			P
Potassium	ug/L	20	2190		2250		3		P
Selenium	ug/L	20	3.58	J	10.0	U	200.0		P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	534000		514000		4		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	203		199		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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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Environmental Restoration, LLC **Level:** LOW **SDG No.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2811-02MS **Client ID:** EFF-WASTE WATERMSD

Percent Solids for Sample: NA **Duplicate ID** Q2811-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	976		1040		6		P
Antimony	ug/L	20	401		432		7		P
Arsenic	ug/L	20	399		438		9		P
Barium	ug/L	20	95.9		101		5		P
Beryllium	ug/L	20	83.6		88.5		6		P
Cadmium	ug/L	20	93.8		100		6		P
Calcium	ug/L	20	13000		14300		10		P
Chromium	ug/L	20	194		203		5		P
Cobalt	ug/L	20	94.8		101		6		P
Copper	ug/L	20	223		243		9		P
Iron	ug/L	20	1820		1970		8		P
Lead	ug/L	20	430		465		8		P
Magnesium	ug/L	20	3890		4260		9		P
Manganese	ug/L	20	147		157		7		P
Nickel	ug/L	20	237		253		7		P
Potassium	ug/L	20	8360		9530		13		P
Selenium	ug/L	20	999		1100		10		P
Silver	ug/L	20	31.1		34.9		12		P
Sodium	ug/L	20	530000		584000		10		P
Thallium	ug/L	20	759		925		20		P
Vanadium	ug/L	20	143		151		5		P
Zinc	ug/L	20	303		342		12		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

LABORATORY CONTROL SAMPLE SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169195BS							
Aluminum	ug/L	1000	963		96	85 - 115	P
Antimony	ug/L	400	400		100	85 - 115	P
Arsenic	ug/L	400	383		96	85 - 115	P
Barium	ug/L	100	92.9		93	85 - 115	P
Beryllium	ug/L	100	93.7		94	85 - 115	P
Cadmium	ug/L	100	92.5		92	85 - 115	P
Calcium	ug/L	500	486	J	97	85 - 115	P
Chromium	ug/L	200	197		98	85 - 115	P
Cobalt	ug/L	100	95.4		95	85 - 115	P
Copper	ug/L	150	151		101	85 - 115	P
Iron	ug/L	1500	1510		101	85 - 115	P
Lead	ug/L	500	463		93	85 - 115	P
Magnesium	ug/L	1000	961	J	96	85 - 115	P
Manganese	ug/L	100	99.0		99	85 - 115	P
Nickel	ug/L	250	240		96	85 - 115	P
Potassium	ug/L	5000	4740		95	85 - 115	P
Selenium	ug/L	1000	959		96	85 - 115	P
Silver	ug/L	37.5	36.8		98	85 - 115	P
Sodium	ug/L	1500	1330		89	85 - 115	P
Thallium	ug/L	1000	957		96	85 - 115	P
Vanadium	ug/L	150	148		99	85 - 115	P
Zinc	ug/L	100	99.8		100	85 - 115	P

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

Contract: ENVI60 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169219BS							
Mercury	ug/L	4.0	3.91		98	85 - 115	CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

WATERL

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **Lb No.:** lb136791 **Lab Sample ID :** Q2785-01L **SDG No.:** Q2799

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
Mercury	0.20	U	1.00	U			CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

EFF-WASTE WATERL

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **Lb No.:** lb136789 **Lab Sample ID :** Q2811-02L **SDG No.:** Q2799

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
Aluminum	50.3		250	U	100.0		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	50.0	U	250	U			P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	12400		13300		7		P
Chromium	0.65	J	25.0	U	100.0		P
Cobalt	15.0	U	75.0	U			P
Copper	84.6		86.8		3		P
Iron	201		194	J	3		P
Lead	1.76	J	30.0	U	100.0		P
Magnesium	3000		3210	J	7		P
Manganese	55.3		57.8		5		P
Nickel	20.0	U	100	U			P
Potassium	2190		8010		266		P
Selenium	3.58	J	50.0	U	100.0		P
Silver	5.00	U	25.0	U			P
Sodium	534000		469000		12		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	203		199		2		P

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ANALYSIS RUN LOG

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

Lab code: ACE **Sdg no.:** Q2799

Instrument id number: **Method:** **Run number:** LB136789

Start date: 08/12/2025 **End date:** 08/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1039	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	1044	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	1048	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	1052	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	1056	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	1100	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	1134	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	1143	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	1148	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	1156	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	1200	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	1206	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA	ICSA	20	1210	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB	ICSAB	20	1215	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	1250	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	1254	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169195BL	PB169195BL	1	1258	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169195BS	PB169195BS	1	1308	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2799-01	CC-071325-RW	1	1328	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2811-02DUP	EFF-WASTE WATERDUP	1	1337	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2811-02L	EFF-WASTE WATERL	5	1341	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2811-02MS	EFF-WASTE WATERMS	1	1346	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2811-02MSD	EFF-WASTE WATERMSD	1	1350	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	1427	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	1431	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2811-02A	EFF-WASTE WATERA	1	1435	K,Mg,Zn
CCV03	CCV03	1	1607	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	1611	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	1630	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	1634	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

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

Lab code: ACE **Sdg no.:** Q2799

Instrument id number: **Method:** **Run number:** LB136791

Start date: 08/12/2025 **End date:** 08/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1658	HG
S0.05	S0.05	1	1700	HG
S0.2	S0.2	1	1702	HG
S2.5	S2.5	1	1705	HG
S5	S5	1	1707	HG
S7.5	S7.5	1	1709	HG
S10	S10	1	1728	HG
ICV11	ICV11	1	1735	HG
ICB11	ICB11	1	1740	HG
CCV32	CCV32	1	1742	HG
CCB32	CCB32	1	1745	HG
CRA	CRA	1	1747	HG
PB169219BL	PB169219BL	1	1757	HG
PB169219BS	PB169219BS	1	1759	HG
Q2785-01DUP	WATERDUP	1	1803	HG
Q2785-01MS	WATERMS	1	1811	HG
Q2785-01MSD	WATERMSD	1	1813	HG
CCV33	CCV33	1	1818	HG
CCB33	CCB33	1	1820	HG
Q2799-01	CC-071325-RW	1	1823	HG
Q2785-01L	WATERL	5	1825	HG
CCV34	CCV34	1	1830	HG
CCB34	CCB34	1	1832	HG

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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
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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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
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

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ICP INTERELEMENT CORRECTION FACTORS

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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
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

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LAB CHRONICLE

OrderID:	Q2799	**OrderDate:**	8/7/2025 2:17:00 PM
Client:	Environmental Restoration, LLC	**Project:**	Cooper Chemical - Long Valley NJ 2-COOP-ANS
Contact:	Byron Hartman	**Location:**	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2799-01	**CC-071325-RW**	**Water**			**07/14/25**			**07/14/25**
			Mercury	245.1		08/12/25	08/12/25	
			Metals ICP-TAL	200.7		08/11/25	08/12/25	

METAL PREPARATION & ANALYICAL SUMMARY

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

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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:	**PB169195**						
PB169195BL	PB169195BL	MB	WATER	08/11/2025	50.0	25.0	
PB169195BS	PB169195BS	LCS	WATER	08/11/2025	50.0	25.0	
Q2799-01	CC-071325-RW	SAM	WATER	08/11/2025	50.0	25.0	
Q2811-02DUP	EFF-WASTE WATERDUP	DUP	WATER	08/11/2025	50.0	25.0	
Q2811-02MS	EFF-WASTE WATERMS	MS	WATER	08/11/2025	50.0	25.0	
Q2811-02MSD	EFF-WASTE WATERMSD	MSD	WATER	08/11/2025	50.0	25.0	

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Environmental Restoration, LLC **SDG No.:** Q2799

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:	**PB169219**						
PB169219BL	PB169219BL	MB	WATER	08/12/2025	30.0	30.0	
PB169219BS	PB169219BS	LCS	WATER	08/12/2025	30.0	30.0	
Q2785-01DUP	WATERDUP	DUP	WATER	08/12/2025	30.0	30.0	
Q2785-01MS	WATERMS	MS	WATER	08/12/2025	30.0	30.0	
Q2785-01MSD	WATERMSD	MSD	WATER	08/12/2025	30.0	30.0	
Q2799-01	CC-071325-RW	SAM	WATER	08/12/2025	30.0	30.0	

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Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136789

Review By	Janvi	Review On	8/13/2025 10:20:36 AM
Supervise By	jaswal	Supervise On	8/13/2025 11:12:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/12/25 10:39		Jaswal	OK
2	S1	S1	CAL2	08/12/25 10:44		Jaswal	OK
3	S2	S2	CAL3	08/12/25 10:48		Jaswal	OK
4	S3	S3	CAL4	08/12/25 10:52		Jaswal	OK
5	S4	S4	CAL5	08/12/25 10:56		Jaswal	OK
6	S5	S5	CAL6	08/12/25 11:00		Jaswal	OK
7	ICV01	ICV01	ICV	08/12/25 11:34		Jaswal	OK
8	LLICV01	LLICV01	LLICV	08/12/25 11:43		Jaswal	OK
9	ICB01	ICB01	ICB	08/12/25 11:48		Jaswal	OK
10	CRI01	CRI01	CRDL	08/12/25 11:56		Jaswal	OK
11	ICSA01	ICSA01	ICSA	08/12/25 12:00		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	08/12/25 12:06		Jaswal	OK
13	ICSADL	ICSADL	ICSA	08/12/25 12:10		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	08/12/25 12:15		Jaswal	OK
15	CCV01	CCV01	CCV	08/12/25 12:50		Jaswal	OK
16	CCB01	CCB01	CCB	08/12/25 12:54		Jaswal	OK
17	PB169195BL	PB169195BL	MB	08/12/25 12:58		Jaswal	OK
18	PB169195BS	PB169195BS	LCS	08/12/25 13:08		Jaswal	OK

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STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

19	Q2785-01	WATER	SAM	08/12/25 13:20		Jaswal	OK
20	Q2789-02	Comp	SAM	08/12/25 13:24		Jaswal	OK
21	Q2799-01	CC-071325-RW	SAM	08/12/25 13:28		Jaswal	OK
22	Q2811-02	EFF-WASTE WATER	SAM	08/12/25 13:32		Jaswal	OK
23	Q2811-02DUP	EFF-WASTE WATERI	DUP	08/12/25 13:37		Jaswal	OK
24	Q2811-02L	EFF-WASTE WATERI	SD	08/12/25 13:41		Jaswal	OK
25	Q2811-02MS	EFF-WASTE WATERI	MS	08/12/25 13:46		Jaswal	OK
26	Q2811-02MSD	EFF-WASTE WATERI	MSD	08/12/25 13:50		Jaswal	OK
27	CCV02	CCV02	CCV	08/12/25 14:27		Jaswal	OK
28	CCB02	CCB02	CCB	08/12/25 14:31		Jaswal	OK
29	Q2811-02A	EFF-WASTE WATERA	PS	08/12/25 14:35	0.1 ML OF EACH M6004 AND M6017	Jaswal	OK
30	Q2798-04	TP-6	SAM	08/12/25 14:40	NOT USE	Jaswal	Not Ok
31	Q2809-01	OR-03-08082025	SAM	08/12/25 15:50		Jaswal	OK
32	Q2828-01	POWDER	SAM	08/12/25 15:54	NOT USE	Jaswal	Not Ok
33	Q2828-01DUP	POWDERDUP	DUP	08/12/25 15:58	NOT USE	Jaswal	Not Ok
34	Q2828-01L	POWDERL	SD	08/12/25 16:03	NOT USE	Jaswal	Not Ok
35	CCV03	CCV03	CCV	08/12/25 16:07		Jaswal	OK
36	CCB03	CCB03	CCB	08/12/25 16:11		Jaswal	OK
37	Q2828-01MS	POWDERMS	MS	08/12/25 16:16	NOT USE	Jaswal	Not Ok

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Supervise By	jaswal	Supervise On	8/13/2025 11:12:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP86640,MP86656,MP86653,MP86643,MP86642,MP86641
ICV Standard	MP86752,MP86656
CCV Standard	MP86646
ICSA Standard	MP86651,MP86753
CRI Standard	MP86656
LCS Standard	
Chk Standard	MP86647,MP86648

38	Q2828-01MSD	POWDERMSD	MSD	08/12/25 16:21	NOT USE	Jaswal	Not Ok
39	Q2828-01A	POWDERA	PS	08/12/25 16:25	NOT USE,0.1 ML OF EACH M6004 AND M6017	Jaswal	Not Ok
40	CCV04	CCV04	CCV	08/12/25 16:30		Jaswal	OK
41	CCB04	CCB04	CCB	08/12/25 16:34		Jaswal	OK

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Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136791

Review By	sagar	Review On	8/12/2025 7:03:37 PM
Supervise By	jaswal	Supervise On	8/12/2025 11:49:19 PM

STD. NAME	STD REF.#
ICAL Standard	MP86723,MP86723,MP86738,MP86724,MP86725,MP86726,MP86727,MP86729
ICV Standard	MP86729
CCV Standard	MP86731
ICSA Standard	
CRI Standard	MP86733
LCS Standard	
Chk Standard	MP86730,MP86732,MP86734,MP86737

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/12/25 16:58		sagar	OK
2	S0.05	S0.05	CAL2	08/12/25 17:00		sagar	OK
3	S0.2	S0.2	CAL3	08/12/25 17:02		sagar	OK
4	S2.5	S2.5	CAL4	08/12/25 17:05		sagar	OK
5	S5	S5	CAL5	08/12/25 17:07		sagar	OK
6	S7.5	S7.5	CAL6	08/12/25 17:09		sagar	OK
7	S10	S10	CAL7	08/12/25 17:28		sagar	OK
8	ICV11	ICV11	ICV	08/12/25 17:35		sagar	OK
9	ICB11	ICB11	ICB	08/12/25 17:40		sagar	OK
10	CCV32	CCV32	CCV	08/12/25 17:42		sagar	OK
11	CCB32	CCB32	CCB	08/12/25 17:45		sagar	OK
12	CRA	CRA	CRDL	08/12/25 17:47		sagar	OK
13	HighStd	HighStd	HIGH STD	08/12/25 17:49		sagar	OK
14	ChkStd	ChkStd	SAM	08/12/25 17:51		sagar	OK
15	PB169219BL	PB169219BL	MB	08/12/25 17:57		sagar	OK
16	PB169219BS	PB169219BS	LCS	08/12/25 17:59		sagar	OK
17	Q2785-01	WATER	SAM	08/12/25 18:01		sagar	OK
18	Q2785-01DUP	WATERDUP	DUP	08/12/25 18:03		sagar	OK

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

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136791

Review By	sagar	Review On	8/12/2025 7:03:37 PM
Supervise By	jaswal	Supervise On	8/12/2025 11:49:19 PM

STD. NAME	STD REF.#
ICAL Standard	MP86723,MP86723,MP86738,MP86724,MP86725,MP86726,MP86727,MP86729
ICV Standard	MP86729
CCV Standard	MP86731
ICSA Standard	
CRI Standard	MP86733
LCS Standard	
Chk Standard	MP86730,MP86732,MP86734,MP86737

19	Q2785-01MS	WATERMS	MS	08/12/25 18:11		sagar	OK
20	Q2785-01MSD	WATERMSD	MSD	08/12/25 18:13		sagar	OK
21	Q2789-02	Comp	SAM	08/12/25 18:16		sagar	OK
22	CCV33	CCV33	CCV	08/12/25 18:18		sagar	OK
23	CCB33	CCB33	CCB	08/12/25 18:20		sagar	OK
24	Q2799-01	CC-071325-RW	SAM	08/12/25 18:23		sagar	OK
25	Q2785-01L	WATERL	SD	08/12/25 18:25		sagar	OK
26	Q2785-01A	WATERA	PS	08/12/25 18:27		sagar	OK
27	CCV34	CCV34	CCV	08/12/25 18:30		sagar	OK
28	CCB34	CCB34	CCB	08/12/25 18:32		sagar	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB169195

SOP ID : M200.7-Trace Elements-22

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: 08/11/2025 **Time :** 12:55 **Temp :** 96 °C

End Digest Date: 08/11/2025 **Time :** 15:55 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SLS,

Supervisor Signature: JEP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6180
LFS-2	0.25	M6181
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
08111125 16:55	SLS met dig	JEP / Metdig
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB169195BL	PBW195	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB169195BS	LCS195	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	2
Q2769-01	001-WILLETS-PT-BLVD(AUG)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q2769-04	002-35TH-AVE(AUG)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q2785-01	WATER	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q2789-02	COMP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q2799-01	CC-071325-RW	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q2811-02	EFF-WASTE WATER	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q2811-02MS	EFF-WASTE WATERMS	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	10
Q2811-02MSD	EFF-WASTE WATERMSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	11
Q2811-02DUP	EFF-WASTE WATERDUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB169219

5

SOP ID :	M245.1-Mercury-20		
SDG No :	N/A	**Start Digest Date:**	08/12/2025 **Time :** 13:50 **Temp :** 95 °C
Matrix :	WATER	**End Digest Date:**	08/12/2025 **Time :** 15:55 **Temp :** 95 °C
Pippete ID:	HG A	**Digestion tube ID:**	M5595
Balance ID :	N/A	**Block thermometer ID:**	HG-DIG#1
Filter paper ID :	N/A	**Dig Technician Signature:**	SB
pH Strip ID :	M6069	**Supervisor Signature:**	SB
Hood ID :	#1	**Temp :**	**1.** 95°C **2.** N/A
Block ID:	**1.** HG HOT BLOCK#1 **2.** N/A		

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86729
CCV	30mL	MP86731
CRA	30mL	MP86733
Blank Spike	0.48mL	MP86722
Matrix Spike	0.48mL	MP86722

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	MP86723
0.05 ppb	S0.05	30mL	MP86738
0.2 ppb	S0.2	30mL	MP86724
2.5 ppb	S2.5	30mL	MP86725
5.0 ppb	S5.0	30mL	MP86726
7.5 ppb	S7.5	30mL	MP86727
10.0 ppb	S10.0	30mL	MP86728
ICV	ICV	30mL	MP86729
ICB	ICB	30mL	MP86730
CCV	CCV	30mL	MP86731
CCB	CCB	30mL	MP86732
CRI	CRI	30mL	MP86733
CHK STD	CHK STD	30mL	MP86734

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/12/25 ~~16:00~~ 16:55 16:00	SB Hg Met Dig	SB Metals Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB169219BL	PBW219	30	30	<2	N/A	1-1
PB169219BS	LCS219	30	30	<2	MP86722	2
Q2785-01MS	WATERMS	30	30	<2	MP86722	5
Q2785-01MSD	WATERMSD	30	30	<2	MP86722	6
Q2785-01DUP	WATERDUP	30	30	<2	N/A	4
Q2785-01	WATER	30	30	<2	N/A	3
Q2789-02	COMP	30	30	<2	N/A	7
Q2799-01	CC-071325-RW	30	30	<2	N/A	8

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2594 Q2799

COC Number: CC-002

CLIENT INFORMATION

COMPANY: ENVIRONMENTAL RESTORATION LLC
ADDRESS: 1666 FABICK DR.
CITY: FENTON STATE: MO ZIP: 63026
ATTENTION: Byron Hartman
PHONE: 801 209 0368 FAX:

PROJECT INFORMATION

PROJECT NAME: COOPER CHEMICAL
PROJECT #: CC2-16 LOCATION: LONG VALLEY NJ
PROJECT MANAGER: BYRON HARTMAN
E-MAIL: b.hartman@erllc.com
PHONE: 801 209-0368 FAX:

BILLING INFORMATION

BILL TO: ENVIRONMENTA REST. PO# CC.2 - 16
ADDRESS: 1666 FABICK DR
CITY: FENTON STATE: MO ZIP: 63026
ATTENTION: Ryan Simpson PHONE: 636-227-7477

DATA TURNAROUND INFORMATION

FAX: DAYS*
HARD COPY: 14 (STANDARD) DAYS*
EDD 10 (STANDARD) DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

	1	2	3	4	5	6	7	8	9
	EPA METH 624 VOA	EPA METH 625 NVOA	EPA METHOD 608 PCB'S	EPA METH 608 PESTICIDES					
PRESERVATIVES									

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	COMMENTS
1.	CC-071325-RW	W			7-14-25	1030	8	
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME		DATE/TIME
1. RELINQUISHED BY SAMPLER	7/14/25 1153	1. RECEIVED BY	7-14-25 1153
2. RELINQUISHED BY	DATE/TIME	2. RECEIVED BY	
3. RELINQUISHED BY	DATE/TIME	3. RECEIVED FOR LAB BY	

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 24.2 C
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: NO ICE
Comments:

Page ____ of ____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488