

DATA PACKAGE

GENERAL CHEMISTRY
METALS

PROJECT NAME : BANKER

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q3275

ATTENTION : Gary Landis



Laboratory Certification ID # 20012



Table Of Contents for Q3275

1) Signature Page	3
2) Case Narrative	5
3) Qualifier Page	7
4) QA Checklist	8
5) Metals-AES Data	9
6) Genchem Data	58
7) Shipping Document	80
7.1) CHAIN OF CUSTODY	81
7.2) Lab Certificate	82

1
2
3
4
5
6
7

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

1

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : NJ Project Number : Banker

Laboratory Sample ID(s) : Q3275 Sampling Date(s) : 10/02/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **300.0,6010D,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."

Cover Page

Order ID : Q3275

Project ID : Banker

Client : G Environmental

Lab Sample Number

Q3275-01
Q3275-02
Q3275-03
Q3275-04

Client Sample Number

MW3
MW4
MW5
MW1

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 : _____

Date: 10/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

G Environmental

Project Name: Banker

Project # N/A

Order ID # Q3275

Test Name: Metals Group4,Anions Group1

A. Number of Samples and Date of Receipt:

4 Water samples were received on 10/02/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Metals Group4,Anions Group1. This data package contains results for Metals Group4(6010D),Anions Group1(300.0).

C. Analytical Techniques:

Metals Group4 : The analysis of Metals Group4 was based on method 6010D and digestion based on method 3010 (waters).

Wetchem : The analysis of Anions Group1 was based on method 300.0.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

Metals Group4 : Sample MW5 was diluted due to high concentrations for Sodium.

Wetchem : Sample MW3 was diluted due to high concentrations for Chloride & Sample MW4 was diluted due to high concentrations for Chloride & Sample MW5 was diluted due to high concentrations for Chloride & Sample MW5DL was diluted due to high concentrations for Chloride & Sample MW1 was diluted due to high concentrations for Chloride.

The MS recoveries met the requirements for all compounds except following Wetchem : The Matrix Spike (MW1MS) analysis met criteria for all compounds except for Chloride due to sample matrix interference.

The MSD recoveries met the requirements for all compounds except following Wetchem : The Matrix Spike Duplicate (MW1MSD) analysis met criteria for all compounds except for Chloride due to sample matrix interference.

The Blank Spike met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Duplicate analysis met criteria for all compound.

The Serial Dilution met the acceptable requirements.



284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

E. Additional Comments:

Metals Group4 : In analytical sequence LB137466, The Result was outside of acceptance limit for Sodium of CCB05 and CCB06 but, no any sample associated under these CCBs.

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_____

DATA REPORTING QUALIFIERS- INORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3275

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 10/13/2025

Hit Summary Sheet
SW-846

SDG No.: Q3275 **Order ID:** Q3275
Client: G Environmental **Project ID:** Banker

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW3								
Q3275-01	MW3	Water	Sodium	200000		434	1000	ug/L
Client ID : MW4								
Q3275-02	MW4	Water	Sodium	148000		434	1000	ug/L
Client ID : MW5								
Q3275-03	MW5	Water	Sodium	11200000	D	4340	10000	ug/L
Client ID : MW1								
Q3275-04	MW1	Water	Sodium	345000		434	1000	ug/L



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW3	SDG No.:	Q3275
Lab Sample ID:	Q3275-01	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.
7440-23-5	Sodium	200000	1	434		1000	ug/L	10/03/25 10:20	10/08/25 15:47	6010D	SW3010

Color Before:	light Brown	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW4	SDG No.:	Q3275
Lab Sample ID:	Q3275-02	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.
7440-23-5	Sodium	148000	1	434		1000	ug/L	10/03/25 10:20	10/08/25 15:51	6010D	SW3010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:
Color After:	light Brown	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW5	SDG No.:	Q3275
Lab Sample ID:	Q3275-03	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.
7440-23-5	Sodium	11200000	D	10	4340	10000	ug/L	10/03/25 10:20	10/09/25 17:14	6010D	SW3010

Color Before:	light Brown	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW1	SDG No.:	Q3275
Lab Sample ID:	Q3275-04	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.
7440-23-5	Sodium	345000	1	434		1000	ug/L	10/03/25 10:20	10/09/25 13:09	6010D	SW3010

Color Before:	light Brown	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3275

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Sodium	868	+/-1000	U	2000	P	10/08/2025	12:36	LB137466

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3275
Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Sodium	868	+/-1000	U	2000	P	10/08/2025	13:16	LB137466
CCB02	Sodium	868	+/-1000	U	2000	P	10/08/2025	14:18	LB137466
CCB03	Sodium	868	+/-1000	U	2000	P	10/08/2025	15:13	LB137466
CCB04	Sodium	868	+/-1000	U	2000	P	10/08/2025	16:15	LB137466
CCB05	Sodium	1530	+/-1000	J*	2000	P	10/08/2025	17:06	LB137466
CCB06	Sodium	1100	+/-1000	J*	2000	P	10/08/2025	17:57	LB137466

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3275

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Sodium	868	+/-1000	U	2000	P	10/09/2025	11:59	LB137484

A

B

C

D

E

F

G

H

I

J

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q3275
Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Sodium	868	+/-1000	U	2000	P	10/09/2025	12:46	LB137484
CCB02	Sodium	868	+/-1000	U	2000	P	10/09/2025	14:20	LB137484
CCB03	Sodium	868	+/-1000	U	2000	P	10/09/2025	15:30	LB137484
CCB04	Sodium	868	+/-1000	U	2000	P	10/09/2025	16:41	LB137484
CCB05	Sodium	868	+/-1000	U	2000	P	10/09/2025	17:31	LB137484
CCB06	Sodium	868	+/-1000	U	2000	P	10/09/2025	18:20	LB137484
CCB07	Sodium	868	+/-1000	U	2000	P	10/09/2025	18:33	LB137484

A

B

C

D

E

F

G

H

I

J

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3275

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169978BL		WATER		Batch Number:	PB169978		Prep Date:	10/03/2025	
	Sodium	434	<500	U	1000	P	10/08/2025	15:30	LB137466



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3275

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Sodium	19000	20000	95	90 - 110	P	10/08/2025	12:24	LB137466

A
B
C
D
E
F
G
H
I
J

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental
Contract: GENV01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3275
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Sodium	1770	2000	89	80 - 120	P	10/08/2025	12:32	LB137466

A

B

C

D

E

F

G

H

I

J

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>G Environmental</u>	SDG No.:	<u>Q3275</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>ACE</u>
Initial Calibration Source:	<u>EPA</u>		
Continuing Calibration Source:	<u>Inorganic Ventures</u>		

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Sodium	25900	25000	104	90 - 110	P	10/08/2025	13:12	LB137466
CCV02	Sodium	24100	25000	96	90 - 110	P	10/08/2025	14:14	LB137466
CCV03	Sodium	22600	25000	90	90 - 110	P	10/08/2025	15:04	LB137466
CCV04	Sodium	26100	25000	104	90 - 110	P	10/08/2025	16:11	LB137466
CCV05	Sodium	26900	25000	108	90 - 110	P	10/08/2025	17:02	LB137466
CCV06	Sodium	26000	25000	104	90 - 110	P	10/08/2025	17:53	LB137466

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental
Contract: GENV01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3275
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Sodium	19600	20000	98	90 - 110	P	10/09/2025	11:44	LB137484

A
B
C
D
E
F
G
H
I
J

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental
Contract: GENV01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3275
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Sodium	1610	2000	80	80 - 120	P	10/09/2025	11:49	LB137484

A
B
C
D
E
F
G
H
I
J

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>G Environmental</u>	SDG No.:	<u>Q3275</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>ACE</u>
Initial Calibration Source:	<u>EPA</u>		
Continuing Calibration Source:	<u>Inorganic Ventures</u>		

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Sodium	24400	25000	98	90 - 110	P	10/09/2025	12:34	LB137484
CCV02	Sodium	23500	25000	94	90 - 110	P	10/09/2025	14:16	LB137484
CCV03	Sodium	23400	25000	94	90 - 110	P	10/09/2025	15:26	LB137484
CCV04	Sodium	24300	25000	97	90 - 110	P	10/09/2025	16:26	LB137484
CCV05	Sodium	23100	25000	92	90 - 110	P	10/09/2025	17:27	LB137484
CCV06	Sodium	26600	25000	106	90 - 110	P	10/09/2025	18:16	LB137484
CCV07	Sodium	26300	25000	105	90 - 110	P	10/09/2025	18:28	LB137484



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

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: G Environmental

SDG No.: Q3275

Contract: GENV01

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	Sodium	1840	2000	92	65 - 135	P	10/08/2025	12:41	LB137466
CRI01	Sodium	1610	2000	80	65 - 135	P	10/09/2025	12:04	LB137484

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>G Environmental</u>	SDG No.: <u>Q3275</u>
Contract: <u>GENV01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Sodium	60.4			0	0	10/08/2025	12:45	LB137466
ICSAB01	Sodium	40.2			0	0	10/08/2025	12:50	LB137466
ICSA01	Sodium	-178			0	0	10/09/2025	12:09	LB137484
ICSAB01	Sodium	-302			0	0	10/09/2025	12:19	LB137484



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3275</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3268-01</u>	client id: <u>WATER-TREATMENT-DISCHARGEMS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3268-01MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Sodium	ug/L	75 - 125	381000		371000		1500	705		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3275</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q3268-01</u>	client id: <u>WATER-TREATMENT-DISCHARGEMSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q3268-01MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Sodium	ug/L	75 - 125	376000		371000		1500	347		P

A

B

C

D

E

F

G

H

I

J

Metals
- 5b -

Client: G Environmental

Contract: GENV01

Matrix:

Sample ID:

SDG No.: Q3275

Lab Code: ACE

Client ID:

Level: LOW

Spiked ID:

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
---------	-------	------------------------	---	------------------	---	----------------	---------------	------	---

.....

A

B

C

D

E

F

G

H

I

J

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3275</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3268-01</u>	Client ID:	<u>WATER-TREATMENT-DISCHARGEDU</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3268-01DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Sodium	ug/L	20	371000		370000		0		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3275</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3268-01MS</u>	Client ID:	<u>WATER-TREATMENT-DISCHARGEM</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3268-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Sodium	ug/L	20	381000		376000		1		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental
Contract: GENV01

SDG No.: Q3275
Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169978BS Sodium	ug/L	1500	1570		105	80 - 120	P

A

B

C

D

E

F

G

H

I

J

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

WATER-TREATMENT-DISCHARGEL

Lab Name: Alliance **Contract:** GENV01
Lab Code: ACE **Lb No.:** lb137466 **Lab Sample ID :** Q3268-01L **SDG No.:** Q3275
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Sodium	371000	361000	2		P

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q3275

Instrument id number: _____

Method: _____

Run number: LB137466

Start date: 10/08/2025

End date: 10/08/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1200	Na
S1	S1	1	1204	Na
S2	S2	1	1208	Na
S3	S3	1	1212	Na
S4	S4	1	1216	Na
S5	S5	1	1220	Na
ICV01	ICV01	1	1224	Na
LLICV01	LLICV01	1	1232	Na
ICB01	ICB01	1	1236	Na
CRI01	CRI01	1	1241	Na
ICSA01	ICSA01	1	1245	Na
ICSAB01	ICSAB01	1	1250	Na
CCV01	CCV01	1	1312	Na
CCB01	CCB01	1	1316	Na
CCV02	CCV02	1	1414	Na
CCB02	CCB02	1	1418	Na
Q3268-01DUP	WATER-TREATMENT-DISCH/	1	1447	Na
Q3268-01L	WATER-TREATMENT-DISCH/	5	1452	Na
Q3268-01MS	WATER-TREATMENT-DISCH/	1	1456	Na
Q3268-01MSD	WATER-TREATMENT-DISCH/	1	1500	Na
CCV03	CCV03	1	1504	Na
CCB03	CCB03	1	1513	Na
PB169978BL	PB169978BL	1	1530	Na
PB169978BS	PB169978BS	1	1534	Na
Q3275-01	MW3	1	1547	Na
Q3275-02	MW4	1	1551	Na
CCV04	CCV04	1	1611	Na
CCB04	CCB04	1	1615	Na
CCV05	CCV05	1	1702	Na
CCB05	CCB05	1	1706	Na
CCV06	CCV06	1	1753	Na
CCB06	CCB06	1	1757	Na

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q3275

Instrument id number: _____

Method: _____

Run number: LB137484

Start date: 10/09/2025

End date: 10/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1110	Na
S1	S1	1	1115	Na
S2	S2	1	1119	Na
S3	S3	1	1123	Na
S4	S4	1	1127	Na
S5	S5	1	1131	Na
ICV01	ICV01	1	1144	Na
LLICV01	LLICV01	1	1149	Na
ICB01	ICB01	1	1159	Na
CRI01	CRI01	1	1204	Na
ICSA01	ICSA01	1	1209	Na
ICSAB01	ICSAB01	1	1219	Na
CCV01	CCV01	1	1234	Na
CCB01	CCB01	1	1246	Na
Q3275-04	MW1	1	1309	Na
CCV02	CCV02	1	1416	Na
CCB02	CCB02	1	1420	Na
CCV03	CCV03	1	1526	Na
CCB03	CCB03	1	1530	Na
CCV04	CCV04	1	1626	Na
CCB04	CCB04	1	1641	Na
Q3275-03	MW5	10	1714	Na
CCV05	CCV05	1	1727	Na
CCB05	CCB05	1	1731	Na
CCV06	CCV06	1	1816	Na
CCB06	CCB06	1	1820	Na
CCV07	CCV07	1	1828	Na
CCB07	CCB07	1	1833	Na



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client:

G Environmental

SDG No.:

Q3275

Contract:

GENV01

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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3275

Contract: GENV01

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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3275

Contract: GENV01

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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3275

Contract: GENV01

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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3275

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

LAB CHRONICLE

OrderID:	Q3275	OrderDate:	10/2/2025 3:39:00 PM
Client:	G Environmental	Project:	Banker
Contact:	Gary Landis	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3275-01	MW3	Water	Metals Group4	6010D	10/02/25	10/03/25	10/08/25	10/02/25
Q3275-02	MW4	Water	Metals Group4	6010D	10/02/25	10/03/25	10/08/25	10/02/25
Q3275-03	MW5	Water	Metals Group4	6010D	10/02/25	10/03/25	10/09/25	10/02/25
Q3275-04	MW1	Water	Metals Group4	6010D	10/02/25	10/03/25	10/09/25	10/02/25



METAL PREPARATION & ANALYICAL SUMMARY

Metals
- 13 -

SAMPLE PREPARATION SUMMARY

Client: G Environmental
Contract: GENV01

SDG No.: Q3275
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: PB169978							
PB169978BL	PB169978BL	MB	WATER	10/03/2025	50.0	25.0	
PB169978BS	PB169978BS	LCS	WATER	10/03/2025	50.0	25.0	
Q3268-01DUP	WATER-TREATMENT-DISCHARGEDUP	DUP	WATER	10/03/2025	50.0	25.0	
Q3268-01MS	WATER-TREATMENT-DISCHARGEMS	MS	WATER	10/03/2025	50.0	25.0	
Q3268-01MSD	WATER-TREATMENT-DISCHARGEMSD	MSD	WATER	10/03/2025	50.0	25.0	
Q3275-01	MW3	SAM	WATER	10/03/2025	50.0	25.0	
Q3275-02	MW4	SAM	WATER	10/03/2025	50.0	25.0	
Q3275-03	MW5	SAM	WATER	10/03/2025	50.0	25.0	
Q3275-04	MW1	SAM	WATER	10/03/2025	50.0	25.0	

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137466

Review By	Janvi	Review On	10/10/2025 1:31:26 PM
Supervise By	jaswal	Supervise On	10/10/2025 10:40:09 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/08/25 12:00		Jaswal	OK
2	S1	S1	CAL2	10/08/25 12:04		Jaswal	OK
3	S2	S2	CAL3	10/08/25 12:08		Jaswal	OK
4	S3	S3	CAL4	10/08/25 12:12		Jaswal	OK
5	S4	S4	CAL5	10/08/25 12:16		Jaswal	OK
6	S5	S5	CAL6	10/08/25 12:20		Jaswal	OK
7	ICV01	ICV01	ICV	10/08/25 12:24		Jaswal	OK
8	LLICV01	LLICV01	LLICV	10/08/25 12:32		Jaswal	OK
9	ICB01	ICB01	ICB	10/08/25 12:36		Jaswal	OK
10	CRI01	CRI01	CRDL	10/08/25 12:41		Jaswal	OK
11	ICSA01	ICSA01	ICSA	10/08/25 12:45		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	10/08/25 12:50		Jaswal	OK
13	ICSADL	ICSADL	ICSA	10/08/25 12:54		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	10/08/25 12:59		Jaswal	OK
15	CCV01	CCV01	CCV	10/08/25 13:12		Jaswal	OK
16	CCB01	CCB01	CCB	10/08/25 13:16		Jaswal	OK
17	LR-2	LR-2	HIGH STD	10/08/25 13:25		Jaswal	OK
18	LR-3	LR-3	HIGH STD	10/08/25 13:29		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137466

Review By	Janvi	Review On	10/10/2025 1:31:26 PM
Supervise By	jaswal	Supervise On	10/10/2025 10:40:09 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

19	Q3295-03	EO-02-10062025	SAM	10/08/25 13:34		Jaswal	OK
20	Q3295-01	EO-01-10062025	SAM	10/08/25 13:38		Jaswal	OK
21	Q3295-01L	EO-01-10062025L	SD	10/08/25 13:46		Jaswal	OK
22	Q3295-01MS	EO-01-10062025MS	MS	10/08/25 13:50		Jaswal	OK
23	Q3295-01MSD	EO-01-10062025MSD	MSD	10/08/25 13:54		Jaswal	OK
24	Q3295-01A	EO-01-10062025A	PS	10/08/25 13:58	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
25	LR-1	LR-1	HIGH STD	10/08/25 14:02		Jaswal	OK
26	Q3295-01DUP	EO-01-10062025DUP	DUP	10/08/25 14:08		Jaswal	OK
27	CCV02	CCV02	CCV	10/08/25 14:14		Jaswal	OK
28	CCB02	CCB02	CCB	10/08/25 14:18		Jaswal	OK
29	Q3296-01	SU-04-10062025	SAM	10/08/25 14:23		Jaswal	OK
30	Q3293-01	CONC-STORAGE-PA	SAM	10/08/25 14:27		Jaswal	OK
31	Q3294-01	HD-02-10062025	SAM	10/08/25 14:31		Jaswal	OK
32	Q3297-01	TP1	SAM	10/08/25 14:35		Jaswal	OK
33	Q3297-11	TP2	SAM	10/08/25 14:39		Jaswal	OK
34	Q3268-01	WATER-TREATMENT	SAM	10/08/25 14:43		Jaswal	OK
35	Q3268-01DUP	WATER-TREATMENT	DUP	10/08/25 14:47		Jaswal	OK
36	Q3268-01L	WATER-TREATMENT	SD	10/08/25 14:52		Jaswal	OK
37	Q3268-01MS	WATER-TREATMENT	MS	10/08/25 14:56		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137466

Review By	Janvi	Review On	10/10/2025 1:31:26 PM
Supervise By	jaswal	Supervise On	10/10/2025 10:40:09 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

38	Q3268-01MSD	WATER-TREATMENT	MSD	10/08/25 15:00		Jaswal	OK
39	CCV03	CCV03	CCV	10/08/25 15:04		Jaswal	OK
40	CCB03	CCB03	CCB	10/08/25 15:13		Jaswal	OK
41	Q3268-01A	WATER-TREATMENT	PS	10/08/25 15:17	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
42	PB169978BL	PB169978BL	MB	10/08/25 15:30		Jaswal	OK
43	PB169978BS	PB169978BS	LCS	10/08/25 15:34		Jaswal	OK
44	PB169959BL	PB169959BL	MB	10/08/25 15:38		Jaswal	OK
45	PB169959BS	PB169959BS	LCS	10/08/25 15:43		Jaswal	OK
46	Q3275-01	MW3	SAM	10/08/25 15:47		Jaswal	OK
47	Q3275-02	MW4	SAM	10/08/25 15:51		Jaswal	OK
48	Q3275-03	MW5	SAM	10/08/25 15:55	Na High	Jaswal	Dilution
49	CCV04	CCV04	CCV	10/08/25 16:11		Jaswal	OK
50	CCB04	CCB04	CCB	10/08/25 16:15		Jaswal	OK
51	Q3275-04	MW1	SAM	10/08/25 16:19	Not Use	Jaswal	Not Ok
52	Q3278-01	MW10	SAM	10/08/25 16:24	Not Use	Jaswal	Not Ok
53	Q3260-02	COMP	SAM	10/08/25 16:28		Jaswal	OK
54	Q3260-02DUP	COMPDUP	DUP	10/08/25 16:32		Jaswal	OK
55	Q3260-02L	COMPL	SD	10/08/25 16:37		Jaswal	OK
56	Q3260-02MS	COMPMS	MS	10/08/25 16:41		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137466

Review By	Janvi	Review On	10/10/2025 1:31:26 PM
Supervise By	jaswal	Supervise On	10/10/2025 10:40:09 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87038		
CCV Standard	MP87042		
ICSA Standard	MP87040,MP87048		
CRI Standard	MP87038		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

57	Q3260-02MSD	COMPMSD	MSD	10/08/25 16:45		Jaswal	OK
58	Q3260-02A	COMPA	PS	10/08/25 16:49	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
59	Q3267-01DL2	Q4DL2	SAM	10/08/25 16:53	Not Use	Jaswal	Not Ok
60	Q3267-01DL	Q4DL	SAM	10/08/25 16:58	50X Straight Dilution	Jaswal	OK
61	CCV05	CCV05	CCV	10/08/25 17:02		Jaswal	OK
62	CCB05	CCB05	CCB	10/08/25 17:06		Jaswal	OK
63	PB170024BL	PB170024BL	MB	10/08/25 17:10		Jaswal	OK
64	PB170024BS	PB170024BS	LCS	10/08/25 17:15		Jaswal	OK
65	Q3293-02	CONC-STORAGE-PA	SAM	10/08/25 17:19		Jaswal	OK
66	Q3297-10	TP1	SAM	10/08/25 17:23		Jaswal	OK
67	Q3297-20	TP2	SAM	10/08/25 17:27		Jaswal	OK
68	Q3302-06	OR-658-COMP-01	SAM	10/08/25 17:32	NOT USE	Jaswal	Not Ok
69	Q3302-06DUP	OR-658-COMP-01DU	DUP	10/08/25 17:36	NOT USE	Jaswal	Not Ok
70	Q3302-06L	OR-658-COMP-01L	SD	10/08/25 17:41	NOT USE	Jaswal	Not Ok
71	Q3302-06MS	OR-658-COMP-01MS	MS	10/08/25 17:45	NOT USE	Jaswal	Not Ok
72	Q3302-06MSD	OR-658-COMP-01MS	MSD	10/08/25 17:49	NOT USE	Jaswal	Not Ok
73	CCV06	CCV06	CCV	10/08/25 17:53		Jaswal	OK
74	CCB06	CCB06	CCB	10/08/25 17:57		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137484

Review By	jaswal	Review On	10/10/2025 1:52:59 PM
Supervise By	Janvi	Supervise On	10/13/2025 10:50:19 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87035		
CCV Standard	MP87042		
ICSA Standard	MP87041,MP87048		
CRI Standard	MP87035		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/09/25 11:10		Jaswal	OK
2	S1	S1	CAL2	10/09/25 11:15		Jaswal	OK
3	S2	S2	CAL3	10/09/25 11:19		Jaswal	OK
4	S3	S3	CAL4	10/09/25 11:23		Jaswal	OK
5	S4	S4	CAL5	10/09/25 11:27		Jaswal	OK
6	S5	S5	CAL6	10/09/25 11:31		Jaswal	OK
7	ICV01	ICV01	ICV	10/09/25 11:44		Jaswal	OK
8	LLICV01	LLICV01	LLICV	10/09/25 11:49		Jaswal	OK
9	ICB01	ICB01	ICB	10/09/25 11:59		Jaswal	OK
10	CRI01	CRI01	CRDL	10/09/25 12:04		Jaswal	OK
11	ICSA01	ICSA01	ICSA	10/09/25 12:09		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	10/09/25 12:19		Jaswal	OK
13	ICSADL	ICSADL	ICSA	10/09/25 12:23		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	10/09/25 12:30		Jaswal	OK
15	CCV01	CCV01	CCV	10/09/25 12:34		Jaswal	OK
16	CCB01	CCB01	CCB	10/09/25 12:46		Jaswal	OK
17	LR-2	LR-2	HIGH STD	10/09/25 12:56		Jaswal	OK
18	Q3278-01	MW10	SAM	10/09/25 13:05	Mn high	Jaswal	Dilution

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137484

Review By	jaswal	Review On	10/10/2025 1:52:59 PM
Supervise By	Janvi	Supervise On	10/13/2025 10:50:19 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87035		
CCV Standard	MP87042		
ICSA Standard	MP87041,MP87048		
CRI Standard	MP87035		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

19	Q3275-04	MW1	SAM	10/09/25 13:09		Jaswal	OK
20	Q3278-01DL	MW10DL	SAM	10/09/25 13:14	2x for Mn	Jaswal	Confirms
21	Q3275-03DL	MW5DL	SAM	10/09/25 13:18	NOT USE	Jaswal	Not Ok
22	Q3302-06	OR-658-COMP-01	SAM	10/09/25 13:22		Jaswal	OK
23	Q3302-06DUP	OR-658-COMP-01DU	DUP	10/09/25 13:27		Jaswal	OK
24	Q3302-06L	OR-658-COMP-01L	SD	10/09/25 13:31		Jaswal	OK
25	LR-1	LR-1	HIGH STD	10/09/25 13:35		Jaswal	OK
26	CCV02	CCV02	CCV	10/09/25 14:16		Jaswal	OK
27	CCB02	CCB02	CCB	10/09/25 14:20		Jaswal	OK
28	Q3302-06MS	OR-658-COMP-01MS	MS	10/09/25 14:28		Jaswal	OK
29	Q3302-06MSD	OR-658-COMP-01MS	MSD	10/09/25 14:32		Jaswal	OK
30	Q3302-06A	OR-658-COMP-01A	PS	10/09/25 14:52	0.1ML M6008,M6017-10ML	Jaswal	OK
31	LR-3	LR-3	HIGH STD	10/09/25 14:58		Jaswal	OK
32	PB170010TB	PB170010TB	MB	10/09/25 15:05		Jaswal	OK
33	PB170023BL	PB170023BL	MB	10/09/25 15:10		Jaswal	OK
34	PB170023BS	PB170023BS	LCS	10/09/25 15:14		Jaswal	OK
35	PB170009BS	PB170009BS	LCS	10/09/25 15:18		Jaswal	OK
36	Q3302-01	OR-658-COMP-01	SAM	10/09/25 15:22		Jaswal	OK
37	CCV03	CCV03	CCV	10/09/25 15:26		Jaswal	OK
38	CCB03	CCB03	CCB	10/09/25 15:30		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137484

Review By	jaswal	Review On	10/10/2025 1:52:59 PM
Supervise By	Janvi	Supervise On	10/13/2025 10:50:19 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87035		
CCV Standard	MP87042		
ICSA Standard	MP87041,MP87048		
CRI Standard	MP87035		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

39	Q3303-01	HL-WEST	SAM	10/09/25 15:34		Jaswal	OK
40	Q3303-03	HL-EAST	SAM	10/09/25 15:38		Jaswal	OK
41	Q3304-01	TR-04-100725	SAM	10/09/25 15:42		Jaswal	OK
42	Q3304-01DUP	TR-04-100725DUP	DUP	10/09/25 15:47		Jaswal	OK
43	Q3304-01L	TR-04-100725L	SD	10/09/25 15:51		Jaswal	OK
44	Q3304-01MS	TR-04-100725MS	MS	10/09/25 15:55		Jaswal	OK
45	Q3304-01MSD	TR-04-100725MSD	MSD	10/09/25 15:59		Jaswal	OK
46	Q3304-01A	TR-04-100725A	PS	10/09/25 16:02	0.1ML M6008,M6017-10ML	Jaswal	OK
47	Q3304-03	TR-05-100725	SAM	10/09/25 16:06		Jaswal	OK
48	Q3305-01	AU-06-100725	SAM	10/09/25 16:10		Jaswal	OK
49	CCV04	CCV04	CCV	10/09/25 16:26		Jaswal	OK
50	CCB04	CCB04	CCB	10/09/25 16:41		Jaswal	OK
51	Q3292-01	RW8-SP100-2025100	SAM	10/09/25 16:45		Jaswal	OK
52	Q3292-02	RW8-SP303-2025100	SAM	10/09/25 16:50		Jaswal	OK
53	Q3292-02DUP	RW8-SP303-2025100	DUP	10/09/25 16:54		Jaswal	OK
54	Q3292-02L	RW8-SP303-2025100	SD	10/09/25 16:58		Jaswal	OK
55	Q3292-02MS	RW8-SP303-2025100	MS	10/09/25 17:02		Jaswal	OK
56	Q3292-02MSD	RW8-SP303-2025100	MSD	10/09/25 17:06		Jaswal	OK
57	Q3292-02A	RW8-SP303-2025100	PS	10/09/25 17:10	0.1ML M6008,M6017-10ML	Jaswal	OK
58	Q3275-03DL2	MW5DL2	SAM	10/09/25 17:14	10x for Na	Jaswal	Confirms

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137484

Review By	jaswal	Review On	10/10/2025 1:52:59 PM
Supervise By	Janvi	Supervise On	10/13/2025 10:50:19 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87031,MP87038,MP87035,MP87034,MP87033,MP87032		
ICV Standard	MP87047,MP87035		
CCV Standard	MP87042		
ICSA Standard	MP87041,MP87048		
CRI Standard	MP87035		
LCS Standard			
Chk Standard	MP87043,MP87044,MP87045,MP87046,MP87049		

59	PB170044BS	PB170044BS	LCS	10/09/25 17:23		Jaswal	OK
60	CCV05	CCV05	CCV	10/09/25 17:27		Jaswal	OK
61	CCB05	CCB05	CCB	10/09/25 17:31		Jaswal	OK
62	Q3313-01	ETGI-360	SAM	10/09/25 17:35		Jaswal	OK
63	Q3315-03	72-11989	SAM	10/09/25 17:39		Jaswal	OK
64	Q3315-03DUP	72-11989DUP	DUP	10/09/25 17:43		Jaswal	OK
65	Q3315-03L	72-11989L	SD	10/09/25 17:48		Jaswal	OK
66	Q3315-03MS	72-11989MS	MS	10/09/25 17:52		Jaswal	OK
67	Q3315-03MSD	72-11989MSD	MSD	10/09/25 17:56		Jaswal	OK
68	Q3315-03A	72-11989A	PS	10/09/25 17:59	0.1ML M6008,M6017-10ML	Jaswal	OK
69	Q3318-01	VNJ-207	SAM	10/09/25 18:03		Jaswal	OK
70	Q3319-01	OK-01-100825	SAM	10/09/25 18:07		Jaswal	OK
71	PB170009BL	PB170009BL	MB	10/09/25 18:11		Jaswal	OK
72	CCV06	CCV06	CCV	10/09/25 18:16		Jaswal	OK
73	CCB06	CCB06	CCB	10/09/25 18:20		Jaswal	OK
74	PB170044BL	PB170044BL	MB	10/09/25 18:24		Jaswal	OK
75	CCV07	CCV07	CCV	10/09/25 18:28		Jaswal	OK
76	CCB07	CCB07	CCB	10/09/25 18:33		Jaswal	OK

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 10/03/2025 Time : 10:20 Temp : 96 °C

End Digest Date: 10/03/2025 Time : 13:25 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SKJ

Supervisor Signature: [Signature]

Temp : 1. 96°C 2. N/A

Standard 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	MP87148
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 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/03/2025 13:25	SKJ met dig	SKJ (metals lab)
	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
PB169978BL	PBW978	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB169978BS	LCS978	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	2
Q3268-01MS	WATER-TREATMENT-DISCHA RCEMS	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	5
Q3268-01MSD	WATER-TREATMENT-DISCHA RCEMSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6180,M6181	6
Q3268-01DUP	WATER-TREATMENT-DISCHA RCE DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3268-01	WATER-TREATMENT-DISCHA RCE	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q3275-01	MW3	<2	50	25	light Brown	Colorless	Clear	Clear	N/A	7
Q3275-02	MW4	<2	50	25	Brown	light Brown	Cloudy	Clear	N/A	8
Q3275-03	MW5	<2	50	25	light Brown	Colorless	Clear	Clear	N/A	9
Q3275-04	MW1	<2	50	25	light Brown	Colorless	Clear	Clear	N/A	10
Q3278-01	MW10	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	11



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 12:50
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW3	SDG No.:	Q3275
Lab Sample ID:	Q3275-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	474	OR	1	0.19	0.60	mg/L		10/03/25 10:37	300.0

Comments:

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
 H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 12:50
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW3DL	SDG No.:	Q3275
Lab Sample ID:	Q3275-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	316	D	100	19.0	60.0	mg/L		10/03/25 13:51	300.0

Comments: _____

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
 H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:35
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW4	SDG No.:	Q3275
Lab Sample ID:	Q3275-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	326	OR	1	0.19	0.60	mg/L		10/03/25 10:59	300.0

Comments: _____

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
 H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:35
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW4DL	SDG No.:	Q3275
Lab Sample ID:	Q3275-02DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	227	D	100	19.0	60.0	mg/L		10/03/25 14:13	300.0

Comments: _____

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
 H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:12
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW5	SDG No.:	Q3275
Lab Sample ID:	Q3275-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	26500	OR	1	0.19	0.60	mg/L		10/03/25 11:21	300.0

Comments: _____

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

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:12
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW5DL	SDG No.:	Q3275
Lab Sample ID:	Q3275-03DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	19600	OR	500	95.0	300	mg/L		10/03/25 14:36	300.0

Comments: _____

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
 H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:12
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW5DL2	SDG No.:	Q3275
Lab Sample ID:	Q3275-03DL2	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	17200	D	5000	950	3000	mg/L		10/03/25 15:21	300.0

Comments: _____

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
 H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:47
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW1	SDG No.:	Q3275
Lab Sample ID:	Q3275-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	1240	OR	1	0.19	0.60	mg/L		10/03/25 11:42	300.0

Comments: _____

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
 H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	G Environmental	Date Collected:	10/02/25 13:47
Project:	Banker	Date Received:	10/02/25
Client Sample ID:	MW1DL	SDG No.:	Q3275
Lab Sample ID:	Q3275-04DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	774	D	200	38.0	120	mg/L		10/03/25 15:00	300.0

Comments: _____

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
H = Sample Analysis Out Of Hold Time

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



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: G Environmental

SDG No.: Q3275

Project: Banker

RunNo.: LB137410

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10	10	100	90-110	09/09/2025
Chloride	mg/L	3	3	100	90-110	09/09/2025
Fluoride	mg/L	2	2	100	90-110	09/09/2025
Nitrite	mg/L	3	3	100	90-110	09/09/2025
Nitrate	mg/L	2.5	2.5	100	90-110	09/09/2025
Sulfate	mg/L	14.8	15	99	90-110	09/09/2025
Orthophosphate as P	mg/L	5	5	100	90-110	09/09/2025
Sample ID: CCV1						
Bromide	mg/L	9.9	10	99	90-110	10/03/2025
Chloride	mg/L	2.9	3	97	90-110	10/03/2025
Fluoride	mg/L	2	2	100	90-110	10/03/2025
Nitrite	mg/L	3	3	100	90-110	10/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	10/03/2025
Sulfate	mg/L	14.8	15	99	90-110	10/03/2025
Orthophosphate as P	mg/L	4.5	5	90	90-110	10/03/2025
Sample ID: CCV2						
Bromide	mg/L	10	10	100	90-110	10/03/2025
Chloride	mg/L	3	3	100	90-110	10/03/2025
Fluoride	mg/L	2	2	100	90-110	10/03/2025
Nitrite	mg/L	3	3	100	90-110	10/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	10/03/2025
Sulfate	mg/L	14.9	15	99	90-110	10/03/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	10/03/2025
Sample ID: CCV3						
Bromide	mg/L	9.9	10	99	90-110	10/03/2025
Chloride	mg/L	2.9	3	97	90-110	10/03/2025
Fluoride	mg/L	2	2	100	90-110	10/03/2025
Nitrite	mg/L	3	3	100	90-110	10/03/2025
Nitrate	mg/L	2.4	2.5	96	90-110	10/03/2025
Sulfate	mg/L	14.8	15	99	90-110	10/03/2025
Orthophosphate as P	mg/L	4.8	5	96	90-110	10/03/2025

Initial and Continuing Calibration Blank Summary

Client: G Environmental

SDG No.: Q3275

Project: Banker

RunNo.: LB137410

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	09/09/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	09/09/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	09/09/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	09/09/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	09/09/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	09/09/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	09/09/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/03/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/03/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/03/2025

Preparation Blank Summary

Client: G Environmental

SDG No.: Q3275

Project: Banker

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB137410BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	10/03/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	10/03/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	10/03/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	10/03/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	10/03/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	10/03/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	10/03/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q3275
Project:	Banker	Sample ID:	Q3275-04
Client ID:	MW1MS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.3		0.37	U	10	1	103		10/03/2025
Chloride	mg/L	80-120	1180	OR	1240	OR	3	1	-2000	*	10/03/2025
Fluoride	mg/L	80-120	2.30		0.22	J	2	1	104		10/03/2025
Nitrite	mg/L	80-120	3.00		0.074	U	3	1	100		10/03/2025
Nitrate	mg/L	80-120	2.50		0.095	U	2.5	1	100		10/03/2025
Sulfate	mg/L	80-120	37.7	OR	23.2		15	1	97		10/03/2025
Orthophosphate as P	mg/L	80-120	4.80		0.34	U	5	1	96		10/03/2025

Matrix Spike Summary

Client:	G Environmental	SDG No.:	Q3275
Project:	Banker	Sample ID:	Q3275-04
Client ID:	MW1MSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	9.80	OR	0.37	U	10	1	98		10/03/2025
Chloride	mg/L	80-120	1180		1240	OR	3	1	-2000	*	10/03/2025
Fluoride	mg/L	80-120	2.10		0.22	J	2	1	94		10/03/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		10/03/2025
Nitrate	mg/L	80-120	2.40		0.095	U	2.5	1	96		10/03/2025
Sulfate	mg/L	80-120	37.1		23.2		15	1	93		10/03/2025
Orthophosphate as P	mg/L	80-120	4.40		0.34	U	5	1	88		10/03/2025

Duplicate Sample Summary

Client: G Environmental Project: Banker Client ID: MW1MSD	SDG No.: Q3275 Sample ID: Q3275-04 Percent Solids for Spike Sample: 0
--	--

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Chloride	mg/L	+/-20	1180	OR	1180	OR	1	0		10/03/2025
Sulfate	mg/L	+/-20	37.7	OR	37.1		1	2		10/03/2025
Nitrite	mg/L	+/-20	3.00		2.90		1	3		10/03/2025
Nitrate	mg/L	+/-20	2.50		2.40		1	4		10/03/2025
Bromide	mg/L	+/-20	10.3		9.80		1	5		10/03/2025
Fluoride	mg/L	+/-20	2.30		2.10		1	9		10/03/2025
Orthophosphate as P	mg/L	+/-20	4.80		4.40		1	9		10/03/2025

Laboratory Control Sample Summary

Client: G Environmental

SDG No.: Q3275

Project: Banker

Run No.: LB137410

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137410BSW							
Bromide	mg/L	10	9.90		99	1	90-110	10/03/2025
Chloride	mg/L	3	2.90		97	1	90-110	10/03/2025
Fluoride	mg/L	2	2.00		100	1	90-110	10/03/2025
Nitrite	mg/L	3	3.00		100	1	90-110	10/03/2025
Nitrate	mg/L	2.5	2.40		96	1	90-110	10/03/2025
Sulfate	mg/L	15	14.8		99	1	90-110	10/03/2025
Orthophosphate as P	mg/L	5	4.60		92	1	90-110	10/03/2025

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137410

Review By	rubina	Review On	10/7/2025 8:23:35 AM
Supervise By	Iwona	Supervise On	10/7/2025 9:31:32 AM
SubDirectory	LB137410	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683		
ICV Standard	WP114684		
CCV Standard	WP115067		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115068		
Chk Standard	WP114685,WP114686		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	09/09/25 10:21	All standards, samples, and	RM/IZ	OK
2	STD2	STD2	CAL2	09/09/25 10:42	QC are filtered through	RM/IZ	OK
3	STD3	STD3	CAL3	09/09/25 11:25	0.45um, filter lot W3160	RM/IZ	OK
4	STD4	STD4	CAL4	09/09/25 11:47		RM/IZ	OK
5	STD5	STD5	CAL5	09/09/25 13:36		RM/IZ	OK
6	STD6	STD6	CAL6	09/09/25 13:58		RM/IZ	OK
7	STD7	STD7	CAL7	09/09/25 14:41		RM/IZ	OK
8	ICV1	ICV1	ICV	09/09/25 15:02		RM/IZ	OK
9	ICB1	ICB1	ICB	09/09/25 15:45		RM/IZ	OK
10	CCV1	CCV1	CCV	10/03/25 09:11		RM/IZ	OK
11	CCB1	CCB1	CCB	10/03/25 09:33		RM/IZ	OK
12	LB137410BLW	LB137410BLW	MB	10/03/25 09:54		RM/IZ	OK
13	LB137410BSW	LB137410BSW	LCS	10/03/25 10:16		RM/IZ	OK
14	Q3275-01	MW3	SAM	10/03/25 10:37	Cl is high, need dilution	RM/IZ	Dilution
15	Q3275-02	MW4	SAM	10/03/25 10:59	Cl is high, need dilution	RM/IZ	Dilution
16	Q3275-03	MW5	SAM	10/03/25 11:21	Cl is high, need dilution	RM/IZ	Dilution
17	Q3275-04	MW1	SAM	10/03/25 11:42	Cl is high, need dilution	RM/IZ	Dilution
18	Q3275-04MS	MW1MS	MS	10/03/25 12:04	9.5ml of sample, 0.5mL W3096	RM/IZ	OK

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137410

Review By	rubina	Review On	10/7/2025 8:23:35 AM
Supervise By	Iwona	Supervise On	10/7/2025 9:31:32 AM
SubDirectory	LB137410	Test	Anions
STD. NAME	STD REF.#		
ICAL Standard	WP114677,WP114678,WP114679,WP114680,WP114681,WP114682,WP114683		
ICV Standard	WP114684		
CCV Standard	WP115067		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115068		
Chk Standard	WP114685,WP114686		

19	Q3275-04MSD	MW1MSD	MSD	10/03/25 12:25	9.5ml of sample, 0.5mL W3096	RM/IZ	OK
20	Q3278-01	MW10	SAM	10/03/25 12:47		RM/IZ	OK
21	CCV2	CCV2	CCV	10/03/25 13:08		RM/IZ	OK
22	CCB2	CCB2	CCB	10/03/25 13:30		RM/IZ	OK
23	Q3275-01DL	MW3DL	SAM	10/03/25 13:51	100X for Cl	RM/IZ	Confirms
24	Q3275-02DL	MW4DL	SAM	10/03/25 14:13	100X for Cl	RM/IZ	OK
25	Q3275-03DL	MW5DL	SAM	10/03/25 14:36	500X For cl still High	RM/IZ	Dilution
26	Q3275-04DL	MW1DL	SAM	10/03/25 15:00	200X For Cl	RM/IZ	Confirms
27	Q3275-03DL2	MW5DL2	SAM	10/03/25 15:21	5000X For Cl	RM/IZ	Confirms
28	CCV3	CCV3	CCV	10/03/25 15:43		RM/IZ	OK
29	CCB3	CCB3	CCB	10/03/25 16:04		RM/IZ	OK

LAB CHRONICLE

OrderID:	Q3275	OrderDate:	10/2/2025 3:39:00 PM
Client:	G Environmental	Project:	Banker
Contact:	Gary Landis	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3275-01	MW3	WATER			10/02/25 12:50			10/02/25
			Anions Group1	300.0			10/03/25 10:37	
Q3275-01DL	MW3DL	WATER			10/02/25 12:50			10/02/25
			Anions Group1	300.0			10/03/25 13:51	
Q3275-02	MW4	WATER			10/02/25 13:35			10/02/25
			Anions Group1	300.0			10/03/25 10:59	
Q3275-02DL	MW4DL	WATER			10/02/25 13:35			10/02/25
			Anions Group1	300.0			10/03/25 14:13	
Q3275-03	MW5	WATER			10/02/25 13:12			10/02/25
			Anions Group1	300.0			10/03/25 11:21	
Q3275-03DL	MW5DL	WATER			10/02/25 13:12			10/02/25
			Anions Group1	300.0			10/03/25 14:36	
Q3275-03DL 2	MW5DL2	WATER			10/02/25 13:12			10/02/25
			Anions Group1	300.0			10/03/25 15:21	

LAB CHRONICLE

Q3275-04	MW1	WATER			10/02/25 13:47		10/02/25
			Anions Group1	300.0		10/03/25 11:42	
Q3275-04DL	MW1DL	WATER			10/02/25 13:47		10/02/25
			Anions Group1	300.0		10/03/25 15:00	



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Environmental
ADDRESS: 8 Carriage
CITY: Success STATE: NJ ZIP: 07886
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Banker
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: FL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Environmental PO#:
ADDRESS: 8 Carriage
CITY: Success STATE: NJ ZIP: 07886
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 57 DAYS*
HARDCOPY (DATA PACKAGE): 57 DAYS*
EDD: 57 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data Excel
EDD FORMAT Excel

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	MW3	GW		X	10/2/25	1335	2			X		X					
2.	MW4	GW		X	10/2/25	1335	1			X		X					
3.	MW5	GW		X	10/2/25	1347	1			X		X					
4.	MW1	GW		X	10/2/25	1347	2			X		X					
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>10/2/25 15:40</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>21°C</u> Comments: <u>If Grant #1</u>
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 2. <u>[Signature]</u>	
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 3. <u>[Signature]</u>	
Page ____ of ____			CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312