284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

GENERAL CHEMISTRY
METALS

PROJECT NAME : BANKER

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2133

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q2133

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : NJ Project Number : - Banker

Laboratory Sample ID(s) : Q2133 Sampling Date(s) : 5/27/2025

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.”

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Cover Page

Order ID : Q2133

Project ID : Banker

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2133-01	MW1
Q2133-02	MW5
Q2133-03	SUPPLY

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: 6/4/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Banker
Project # N/A
Order ID # Q2133
Test Name: Metals Group4

A. Number of Samples and Date of Receipt:
3 Water samples were received on 05/28/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Anions Group1 and Metals Group4. This data package contains results for Metals Group4.

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

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate (SUPPLYMSD) analysis met criteria for all samples except for Sodium due to Chemical Interference during Digestion Process.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met criteria for all samples.

E. Additional Comments:
Sample Q2133-02 , Sodium parameter is Oversaturated , so reported from its 5X Dilution.
In analytical Sequence LB135981, The % Recovery outside limit for Sodium of CCV10 but, no any samples associated under this CCV.

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_____

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CASE NARRATIVE

G Environmental
Project Name: Banker
Project # N/A
Order ID # Q2133
Test Name: Anions Group1

A. Number of Samples and Date of Receipt:
3 Water samples were received on 05/28/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Anions Group1 and Metals Group4. This data package contains results for Anions Group1.

C. Analytical Techniques:
The analysis of Anions Group1 was based on method 300.0.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
Sample MW1 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 SUPPLY was diluted due to high concentrations for Chloride.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike (SUPPLYMS) analysis met criteria for all samples except for Chloride due to sample matrix interference.
The Matrix Spike Duplicate (SUPPLYMSD) analysis met criteria for all samples except for Chloride due to sample matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

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_____

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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 #: Q2133

	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:** 06/04/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2133 **Order ID:** Q2133

Client: G Environmental **Project ID:** Banker

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW1								
Q2133-01	MW1	Water	Sodium	318000		434	1000	ug/L
Client ID : MW5								
Q2133-02	MW5	Water	Sodium	2360000	D	2170	5000	ug/L
Client ID : SUPPLY								
Q2133-03	SUPPLY	Water	Sodium	57500		434	1000	ug/L

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25
Project:	Banker	Date Received:	05/28/25
Client Sample ID:	MW1	SDG No.:	Q2133
Lab Sample ID:	Q2133-01	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	318000	*	1	434	1000	ug/L	05/29/25 10:15	06/02/25 18:37	6010D	SW3010

Color Before:	light Brown	Clarity Before:	Cloudy	Texture:	
Color After:	Colorless	Clarity After:		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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25
Project:	Banker	Date Received:	05/28/25
Client Sample ID:	MW5	SDG No.:	Q2133
Lab Sample ID:	Q2133-02	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	2360000	D*	5	2170	5000	ug/L	05/29/25 10:15	06/03/25 17:02	6010D	SW3010

Color Before:	light Brown	Clarity Before:	Cloudy	Texture:	
Color After:	Colorless	Clarity After:		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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25
Project:	Banker	Date Received:	05/28/25
Client Sample ID:	SUPPLY	SDG No.:	Q2133
Lab Sample ID:	Q2133-03	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	57500	*	1	434	1000	ug/L	05/29/25 10:15	06/03/25 15:47	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:		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

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Sodium	2000	+/-2000	U	2000	P	06/02/2025	13:03	LB135981

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Sodium	2000	+/-2000	U	2000	P	06/02/2025	14:28	LB135981
CCB02	Sodium	2000	+/-2000	U	2000	P	06/02/2025	15:16	LB135981
CCB03	Sodium	2000	+/-2000	U	2000	P	06/02/2025	16:02	LB135981
CCB04	Sodium	2000	+/-2000	U	2000	P	06/02/2025	16:55	LB135981
CCB05	Sodium	2000	+/-2000	U	2000	P	06/02/2025	17:42	LB135981
CCB06	Sodium	2000	+/-2000	U	2000	P	06/02/2025	18:28	LB135981
CCB07	Sodium	2000	+/-2000	U	2000	P	06/02/2025	19:15	LB135981
CCB08	Sodium	2000	+/-2000	U	2000	P	06/02/2025	20:01	LB135981
CCB09	Sodium	2000	+/-2000	U	2000	P	06/02/2025	20:49	LB135981
CCB10	Sodium	2000	+/-2000	U	2000	P	06/02/2025	21:11	LB135981

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Sodium	2000	+/-2000	U	2000	P	06/03/2025	14:16	LB135993

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Sodium	2000	+/-2000	U	2000	P	06/03/2025	15:34	LB135993
CCB02	Sodium	2000	+/-2000	U	2000	P	06/03/2025	16:20	LB135993
CCB03	Sodium	2000	+/-2000	U	2000	P	06/03/2025	17:10	LB135993
CCB04	Sodium	2000	+/-2000	U	2000	P	06/03/2025	19:01	LB135993
CCB05	Sodium	2000	+/-2000	U	2000	P	06/03/2025	19:39	LB135993

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Metals
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PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2133

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168200BL		**WATER**		**Batch Number:**	**PB168200**		**Prep Date:**	**05/29/2025**	
	Sodium	1000	<1000	U	1000	P	06/02/2025	17:29	LB135981

METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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	Sodium	9470	10000	95	90 - 110	P	06/02/2025	12:37	LB135981

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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	Sodium	1720	2000	86	80 - 120	P	06/02/2025	12:59	LB135981

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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	Sodium	25500	25000	102	90 - 110	P	06/02/2025	14:14	LB135981
CCV02	Sodium	23600	25000	94	90 - 110	P	06/02/2025	15:11	LB135981
CCV03	Sodium	24600	25000	98	90 - 110	P	06/02/2025	15:58	LB135981
CCV04	Sodium	22900	25000	92	90 - 110	P	06/02/2025	16:49	LB135981
CCV05	Sodium	23600	25000	94	90 - 110	P	06/02/2025	17:38	LB135981
CCV06	Sodium	25500	25000	102	90 - 110	P	06/02/2025	18:24	LB135981
CCV07	Sodium	23700	25000	95	90 - 110	P	06/02/2025	19:11	LB135981
CCV08	Sodium	24100	25000	96	90 - 110	P	06/02/2025	19:57	LB135981
CCV09	Sodium	24000	25000	96	90 - 110	P	06/02/2025	20:45	LB135981
CCV10	Sodium	868	25000	0	90 - 110	P	06/02/2025	21:06	LB135981

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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	Sodium	9300	10000	93	90 - 110	P	06/03/2025	13:57	LB135993

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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	Sodium	1750	2000	87	80 - 120	P	06/03/2025	14:11	LB135993

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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	Sodium	24500	25000	98	90 - 110	P	06/03/2025	15:28	LB135993
CCV02	Sodium	22600	25000	90	90 - 110	P	06/03/2025	16:16	LB135993
CCV03	Sodium	23400	25000	94	90 - 110	P	06/03/2025	17:06	LB135993
CCV04	Sodium	24700	25000	99	90 - 110	P	06/03/2025	18:57	LB135993
CCV05	Sodium	23300	25000	93	90 - 110	P	06/03/2025	19:35	LB135993

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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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	1690	2000	85	65 - 135	P	06/02/2025	13:08	LB135981
CRI01	Sodium	1810	2000	90	65 - 135	P	06/03/2025	14:36	LB135993

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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	Sodium	24.0			0	0	06/02/2025	13:12	LB135981
ICSAB01	Sodium	-31.0			0	0	06/02/2025	13:35	LB135981
ICSA01	Sodium	-11.2			0	0	06/03/2025	14:46	LB135993
ICSAB01	Sodium	-54.6			0	0	06/03/2025	15:06	LB135993

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2133

contract: GENV01 **lab code:** CHEM **case no.:** Q2133 **sas no.:** Q2133

matrix: Water **sample id:** Q2133-03 **client id:** SUPPLYMS

Percent Solids for Sample: NA **Spiked ID:** Q2133-03MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Sodium	ug/L	75 - 125	46700		57500		1500	-722		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2133

contract: GENV01 **lab code:** CHEM **case no.:** Q2133 **sas no.:** Q2133

matrix: Water **sample id:** Q2133-03 **client id:** SUPPLYMSD

Percent Solids for Sample: NA **Spiked ID:** Q2133-03MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Sodium	ug/L	75 - 125	57400		57500		1500	-5		P

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Metals
- 5b -

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

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

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

Matrix: Water **Sample ID:** Q2133-03 **Client ID:** SUPPLYDUP

Percent Solids for Sample: NA **Duplicate ID** Q2133-03DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Sodium	ug/L	20	57500		53500		7		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: G Environmental **Level:** LOW **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

Matrix: Water **Sample ID:** Q2133-03MS **Client ID:** SUPPLYMSD

Percent Solids for Sample: NA **Duplicate ID** Q2133-03MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Sodium	ug/L	20	46700		57400		21	*	P

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

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168200BS							
Sodium	ug/L	1500	1350		90	80 - 120	P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

SUPPLYL

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb135993 **Lab Sample ID :** Q2133-03L **SDG No.:** Q2133

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
Sodium	57500		52700		8		P

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metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2133 **Sas no.:** Q2133 **Sdg no.:** Q2133

Instrument id number: **Method:** **Run number:** LB135981

Start date: 06/02/2025 **End date:** 06/02/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1212	Na
S1	S1	1	1216	Na
S2	S2	1	1221	Na
S3	S3	1	1225	Na
S4	S4	1	1229	Na
S5	S5	1	1233	Na
ICV01	ICV01	1	1237	Na
LLICV01	LLICV01	1	1259	Na
ICB01	ICB01	1	1303	Na
CRI01	CRI01	1	1308	Na
ICSA01	ICSA01	1	1312	Na
ICSAB01	ICSAB01	1	1335	Na
CCV01	CCV01	1	1414	Na
CCB01	CCB01	1	1428	Na
CCV02	CCV02	1	1511	Na
CCB02	CCB02	1	1516	Na
CCV03	CCV03	1	1558	Na
CCB03	CCB03	1	1602	Na
CCV04	CCV04	1	1649	Na
CCB04	CCB04	1	1655	Na
PB168200BL	PB168200BL	1	1729	Na
PB168200BS	PB168200BS	1	1734	Na
CCV05	CCV05	1	1738	Na
CCB05	CCB05	1	1742	Na
CCV06	CCV06	1	1824	Na
CCB06	CCB06	1	1828	Na
Q2133-01	MW1	1	1837	Na
CCV07	CCV07	1	1911	Na
CCB07	CCB07	1	1915	Na
CCV08	CCV08	1	1957	Na
CCB08	CCB08	1	2001	Na
CCV09	CCV09	1	2045	Na
CCB09	CCB09	1	2049	Na
CCV10	CCV10	1	2106	Na
CCB10	CCB10	1	2111	Na

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metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2133 **Sas no.:** Q2133 **Sdg no.:** Q2133

Instrument id number: **Method:** **Run number:** LB135993

Start date: 06/03/2025 **End date:** 06/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1259	Na
S1	S1	1	1303	Na
S2	S2	1	1307	Na
S3	S3	1	1312	Na
S4	S4	1	1316	Na
S5	S5	1	1320	Na
ICV01	ICV01	1	1357	Na
LLICV01	LLICV01	1	1411	Na
ICB01	ICB01	1	1416	Na
CRI01	CRI01	1	1436	Na
ICSA01	ICSA01	1	1446	Na
ICSAB01	ICSAB01	1	1506	Na
CCV01	CCV01	1	1528	Na
CCB01	CCB01	1	1534	Na
Q2133-03	SUPPLY	1	1547	Na
Q2133-03DUP	SUPPLYDUP	1	1551	Na
Q2133-03L	SUPPLYL	5	1555	Na
Q2133-03MS	SUPPLYMS	1	1559	Na
Q2133-03MSD	SUPPLYMSD	1	1603	Na
CCV02	CCV02	1	1616	Na
CCB02	CCB02	1	1620	Na
Q2133-02	MW5	5	1702	Na
CCV03	CCV03	1	1706	Na
CCB03	CCB03	1	1710	Na
CCV04	CCV04	1	1857	Na
CCB04	CCB04	1	1901	Na
CCV05	CCV05	1	1935	Na
CCB05	CCB05	1	1939	Na

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2133 **SAS No.:** Q2133

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
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q2133	**OrderDate:**	5/28/2025 11:41:01 AM
Client:	G Environmental	**Project:**	Banker
Contact:	Gary Landis	**Location:**	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2133-01	**MW1**	**Water**			**05/27/25**			**05/28/25**
			Metals Group4	6010D		05/29/25	06/02/25	
Q2133-02	**MW5**	**Water**			**05/27/25**			**05/28/25**
			Metals Group4	6010D		05/29/25	06/03/25	
Q2133-03	**SUPPLY**	**Water**			**05/27/25**			**05/28/25**
			Metals Group4	6010D		05/29/25	06/03/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2133

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q2133 **SAS No.:** Q2133

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168200**						
PB168200BL	PB168200BL	MB	WATER	05/29/2025	50.0	25.0	
PB168200BS	PB168200BS	LCS	WATER	05/29/2025	50.0	25.0	
Q2133-01	MW1	SAM	WATER	05/29/2025	50.0	25.0	
Q2133-02	MW5	SAM	WATER	05/29/2025	50.0	25.0	
Q2133-03	SUPPLY	SAM	WATER	05/29/2025	50.0	25.0	
Q2133-03DUP	SUPPLYDUP	DUP	WATER	05/29/2025	50.0	25.0	
Q2133-03MS	SUPPLYMS	MS	WATER	05/29/2025	50.0	25.0	
Q2133-03MSD	SUPPLYMSD	MSD	WATER	05/29/2025	50.0	25.0	

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135981

Review By	jaswal	Review On	6/3/2025 4:30:35 PM
Supervise By	Janvi	Supervise On	6/4/2025 10:58:40 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/02/25 12:12		Jaswal	OK
2	S1	S1	CAL2	06/02/25 12:16		Jaswal	OK
3	S2	S2	CAL3	06/02/25 12:21		Jaswal	OK
4	S3	S3	CAL4	06/02/25 12:25		Jaswal	OK
5	S4	S4	CAL5	06/02/25 12:29		Jaswal	OK
6	S5	S5	CAL6	06/02/25 12:33		Jaswal	OK
7	ICV01	ICV01	ICV	06/02/25 12:37		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/02/25 12:59		Jaswal	OK
9	ICB01	ICB01	ICB	06/02/25 13:03		Jaswal	OK
10	CRI01	CRI01	CRDL	06/02/25 13:08		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/02/25 13:12		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/02/25 13:35		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/02/25 13:45		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/02/25 13:56		Jaswal	OK
15	CCV01	CCV01	CCV	06/02/25 14:14		Jaswal	OK
16	CCB01	CCB01	CCB	06/02/25 14:28		Jaswal	OK
17	Q2136-05	OR-646-COMP-52	SAM	06/02/25 14:32		Jaswal	OK
18	Q2143-01	ELI-46-36-25-58-53	SAM	06/02/25 14:37		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135981

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Supervise By	Janvi	Supervise On	6/4/2025 10:58:40 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

19	Q2143-02	ELI-57-43-35-26	SAM	06/02/25 14:41		Jaswal	OK
20	Q2146-04	TP04-MHN-WC	SAM	06/02/25 14:46		Jaswal	OK
21	Q2146-01	TP04-MHN-WC	SAM	06/02/25 14:50		Jaswal	OK
22	Q2146-01DUP	TP04-MHN-WCDUP	DUP	06/02/25 14:54		Jaswal	OK
23	Q2146-01L	TP04-MHN-WCL	SD	06/02/25 14:59		Jaswal	OK
24	Q2146-01MS	TP04-MHN-WCMS	MS	06/02/25 15:03		Jaswal	OK
25	Q2146-01MSD	TP04-MHN-WCMSD	MSD	06/02/25 15:07		Jaswal	OK
26	CCV02	CCV02	CCV	06/02/25 15:11		Jaswal	OK
27	CCB02	CCB02	CCB	06/02/25 15:16		Jaswal	OK
28	Q2146-01A	TP04-MHN-WCA	PS	06/02/25 15:20		Jaswal	OK
29	Q2102-05	LAW-25-0077	SAM	06/02/25 15:24		Jaswal	OK
30	Q2144-01	OILY-DEBRIS-COMP	SAM	06/02/25 15:28		Jaswal	OK
31	Q2144-02	OILY-DEBRIS-COMP	SAM	06/02/25 15:33		Jaswal	OK
32	Q2149-01	FILTER-CAKE	SAM	06/02/25 15:37		Jaswal	OK
33	Q2153-01	TR-04-0592025	SAM	06/02/25 15:42		Jaswal	OK
34	Q2152-01	OK-02-05292025	SAM	06/02/25 15:46		Jaswal	OK
35	Q2152-01DUP	OK-02-05292025DUP	DUP	06/02/25 15:50		Jaswal	OK
36	Q2152-01L	OK-02-05292025L	SD	06/02/25 15:54		Jaswal	OK
37	CCV03	CCV03	CCV	06/02/25 15:58		Jaswal	OK
38	CCB03	CCB03	CCB	06/02/25 16:02		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135981

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Supervise By	Janvi	Supervise On	6/4/2025 10:58:40 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

39	Q2152-01MS	OK-02-05292025MS	MS	06/02/25 16:06		Jaswal	OK
40	Q2152-01MSD	OK-02-05292025MSD	MSD	06/02/25 16:10		Jaswal	OK
41	Q2152-01A	OK-02-05292025A	PS	06/02/25 16:14		Jaswal	OK
42	Q2151-01	WC-1	SAM	06/02/25 16:18		Jaswal	OK
43	Q2151-04	WC-1	SAM	06/02/25 16:22		Jaswal	OK
44	Q2151-04DUP	WC-1DUP	DUP	06/02/25 16:27		Jaswal	OK
45	Q2151-04L	WC-1L	SD	06/02/25 16:31		Jaswal	OK
46	Q2151-04MS	WC-1MS	MS	06/02/25 16:36		Jaswal	OK
47	Q2151-04MSD	WC-1MSD	MSD	06/02/25 16:40		Jaswal	OK
48	CCV04	CCV04	CCV	06/02/25 16:49		Jaswal	OK
49	CCB04	CCB04	CCB	06/02/25 16:55		Jaswal	OK
50	Q2151-04A	WC-1A	PS	06/02/25 17:00		Jaswal	OK
51	Q2137-03DL	MOO-25-0149DL	SAM	06/02/25 17:04	Straight 5x for all elements	Jaswal	OK
52	PB168190TB	PB168190TB	MB	06/02/25 17:08		Jaswal	OK
53	PB168214BL	PB168214BL	MB	06/02/25 17:13		Jaswal	OK
54	PB168214BS	PB168214BS	LCS	06/02/25 17:17		Jaswal	OK
55	PB168215BL	PB168215BL	MB	06/02/25 17:21		Jaswal	OK
56	PB168215BS	PB168215BS	LCS	06/02/25 17:25		Jaswal	OK
57	PB168200BL	PB168200BL	MB	06/02/25 17:29		Jaswal	OK
58	PB168200BS	PB168200BS	LCS	06/02/25 17:34		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135981

Review By	jaswal	Review On	6/3/2025 4:30:35 PM
Supervise By	Janvi	Supervise On	6/4/2025 10:58:40 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

59	CCV05	CCV05	CCV	06/02/25 17:38		Jaswal	OK
60	CCB05	CCB05	CCB	06/02/25 17:42		Jaswal	OK
61	Q2150-01	TP-44	SAM	06/02/25 17:47		Jaswal	OK
62	Q2150-02	TP-42	SAM	06/02/25 17:51		Jaswal	OK
63	Q2150-03	TP-39	SAM	06/02/25 17:55		Jaswal	OK
64	Q2150-04	TP-48	SAM	06/02/25 17:59		Jaswal	OK
65	Q2150-05	TP-47	SAM	06/02/25 18:03		Jaswal	OK
66	Q2150-06	TP-50	SAM	06/02/25 18:07		Jaswal	OK
67	Q2150-07	TP-51	SAM	06/02/25 18:12		Jaswal	OK
68	Q2150-08	TP-52	SAM	06/02/25 18:16		Jaswal	OK
69	Q2150-09	TP-54	SAM	06/02/25 18:20		Jaswal	OK
70	CCV06	CCV06	CCV	06/02/25 18:24		Jaswal	OK
71	CCB06	CCB06	CCB	06/02/25 18:28		Jaswal	OK
72	Q2150-10	TP-53	SAM	06/02/25 18:33		Jaswal	OK
73	Q2133-01	MW1	SAM	06/02/25 18:37		Jaswal	OK
74	Q2133-02	MW5	SAM	06/02/25 18:41	NOT USE	Jaswal	Not Ok
75	Q2133-03	SUPPLY	SAM	06/02/25 18:45	NOT USE	Jaswal	Not Ok
76	Q2133-03DUP	SUPPLYDUP	DUP	06/02/25 18:50	NOT USE	Jaswal	Not Ok
77	Q2133-03L	SUPPLYL	SD	06/02/25 18:54	NOT USE	Jaswal	Not Ok
78	Q2133-03MS	SUPPLYMS	MS	06/02/25 18:59	NOT USE	Jaswal	Not Ok

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Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135981

Review By	jaswal	Review On	6/3/2025 4:30:35 PM
Supervise By	Janvi	Supervise On	6/4/2025 10:58:40 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

79	Q2133-03MSD	SUPPLYMSD	MSD	06/02/25 19:03	NOT USE	Jaswal	Not Ok
80	Q2133-03A	SUPPLYA	PS	06/02/25 19:07	NOT USE	Jaswal	Not Ok
81	CCV07	CCV07	CCV	06/02/25 19:11		Jaswal	OK
82	CCB07	CCB07	CCB	06/02/25 19:15		Jaswal	OK
83	Q2134-01	MW10	SAM	06/02/25 19:19	NOT USE	Jaswal	Not Ok
84	Q2101-01	TP-1-MHE	SAM	06/02/25 19:24	NOT USE	Jaswal	Not Ok
85	Q2101-01DUP	TP-1-MHEDUP	DUP	06/02/25 19:28	NOT USE	Jaswal	Not Ok
86	Q2101-01L	TP-1-MHEL	SD	06/02/25 19:32	NOT USE	Jaswal	Not Ok
87	Q2101-01MS	TP-1-MHEMS	MS	06/02/25 19:36	NOT USE	Jaswal	Not Ok
88	Q2101-01MSD	TP-1-MHEMSD	MSD	06/02/25 19:40	NOT USE	Jaswal	Not Ok
89	Q2101-01A	TP-1-MHEA	PS	06/02/25 19:45	NOT USE	Jaswal	Not Ok
90	Q2159-01	TP05-MHO-WC	SAM	06/02/25 19:49	NOT USE	Jaswal	Not Ok
91	Q2160-01	TP04-MHG-WC	SAM	06/02/25 19:53		Jaswal	OK
92	CCV08	CCV08	CCV	06/02/25 19:57		Jaswal	OK
93	CCB08	CCB08	CCB	06/02/25 20:01		Jaswal	OK
94	Q2172-01	TP06-MHQ	SAM	06/02/25 20:06	NOT USE	Jaswal	Not Ok
95	Q2172-01DUP	TP06-MHQDUP	DUP	06/02/25 20:10	NOT USE	Jaswal	Not Ok
96	Q2172-01L	TP06-MHQL	SD	06/02/25 20:14	NOT USE	Jaswal	Not Ok
97	Q2172-01MS	TP06-MHQMS	MS	06/02/25 20:18	NOT USE	Jaswal	Not Ok
98	Q2172-01MSD	TP06-MHQMSD	MSD	06/02/25 20:23	NOT USE	Jaswal	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135981

Review By	jaswal	Review On	6/3/2025 4:30:35 PM
Supervise By	Janvi	Supervise On	6/4/2025 10:58:40 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

99	Q2172-01A	TP06-MHQA	PS	06/02/25 20:27	NOT USE	Jaswal	Not Ok
100	Q2173-01	OR-400-CF-402B-CO	SAM	06/02/25 20:32	NOT USE	Jaswal	Not Ok
101	Q2173-07	OR-400-CF-402B-CO	SAM	06/02/25 20:36	NOT USE	Jaswal	Not Ok
102	Q2173-13	OR-400-CF-402B-CO	SAM	06/02/25 20:41	NOT USE	Jaswal	Not Ok
103	CCV09	CCV09	CCV	06/02/25 20:45		Jaswal	OK
104	CCB09	CCB09	CCB	06/02/25 20:49		Jaswal	OK
105	PB168236BL	PB168236BL	MB	06/02/25 20:54	NOT USE	Jaswal	Not Ok
106	PB168236BS	PB168236BS	LCS	06/02/25 20:58	NOT USE	Jaswal	Not Ok
107	Q2175-02	52725	SAM	06/02/25 21:02	NOT USE	Jaswal	Not Ok
108	CCV10	CCV10	CCV	06/02/25 21:06	CCV fail for all elements	Jaswal	OK
109	CCB10	CCB10	CCB	06/02/25 21:11		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135993

Review By	jaswal	Review On	6/4/2025 11:10:08 AM
Supervise By	mohan	Supervise On	6/4/2025 11:30:02 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/03/25 12:59		Jaswal	OK
2	S1	S1	CAL2	06/03/25 13:03		Jaswal	OK
3	S2	S2	CAL3	06/03/25 13:07		Jaswal	OK
4	S3	S3	CAL4	06/03/25 13:12		Jaswal	OK
5	S4	S4	CAL5	06/03/25 13:16		Jaswal	OK
6	S5	S5	CAL6	06/03/25 13:20		Jaswal	OK
7	ICV01	ICV01	ICV	06/03/25 13:57		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/03/25 14:11		Jaswal	OK
9	ICB01	ICB01	ICB	06/03/25 14:16		Jaswal	OK
10	CRI01	CRI01	CRDL	06/03/25 14:36		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/03/25 14:46		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/03/25 15:06		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/03/25 15:16		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/03/25 15:22		Jaswal	OK
15	CCV01	CCV01	CCV	06/03/25 15:28		Jaswal	OK
16	CCB01	CCB01	CCB	06/03/25 15:34		Jaswal	OK
17	Q2130-02	TP-3	SAM	06/03/25 15:38		Jaswal	OK
18	Q2133-02	MW5	SAM	06/03/25 15:42	Na oversaturated	Jaswal	Dilution

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135993

Review By	jaswal	Review On	6/4/2025 11:10:08 AM
Supervise By	mohan	Supervise On	6/4/2025 11:30:02 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

19	Q2133-03	SUPPLY	SAM	06/03/25 15:47		Jaswal	OK
20	Q2133-03DUP	SUPPLYDUP	DUP	06/03/25 15:51		Jaswal	OK
21	Q2133-03L	SUPPLYL	SD	06/03/25 15:55		Jaswal	OK
22	Q2133-03MS	SUPPLYMS	MS	06/03/25 15:59		Jaswal	OK
23	Q2133-03MSD	SUPPLYMSD	MSD	06/03/25 16:03		Jaswal	OK
24	Q2133-03A	SUPPLYA	PS	06/03/25 16:07		Jaswal	OK
25	Q2175-02	52725	SAM	06/03/25 16:11		Jaswal	OK
26	CCV02	CCV02	CCV	06/03/25 16:16		Jaswal	OK
27	CCB02	CCB02	CCB	06/03/25 16:20		Jaswal	OK
28	Q2134-01	MW10	SAM	06/03/25 16:24		Jaswal	OK
29	Q2101-01	TP-1-MHE	SAM	06/03/25 16:29		Jaswal	OK
30	Q2101-01DUP	TP-1-MHEDUP	DUP	06/03/25 16:33		Jaswal	OK
31	Q2101-01L	TP-1-MHEL	SD	06/03/25 16:37		Jaswal	OK
32	Q2101-01MS	TP-1-MHEMS	MS	06/03/25 16:41		Jaswal	OK
33	Q2101-01MSD	TP-1-MHEMSD	MSD	06/03/25 16:45		Jaswal	OK
34	Q2101-01A	TP-1-MHEA	PS	06/03/25 16:49		Jaswal	OK
35	PB168236BL	PB168236BL	MB	06/03/25 16:53		Jaswal	OK
36	PB168236BS	PB168236BS	LCS	06/03/25 16:58		Jaswal	OK
37	Q2133-02DL	MW5DL	SAM	06/03/25 17:02	5x for Na	Jaswal	Confirms
38	CCV03	CCV03	CCV	06/03/25 17:06		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135993

Review By	jaswal	Review On	6/4/2025 11:10:08 AM
Supervise By	mohan	Supervise On	6/4/2025 11:30:02 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

39	CCB03	CCB03	CCB	06/03/25 17:10		Jaswal	OK
40	Q2172-01	TP06-MHQ	SAM	06/03/25 17:15	DUP fail for many parameters	Jaswal	Not Ok
41	Q2172-01DUP	TP06-MHQDUP	DUP	06/03/25 17:19	DUP fail for many parameters	Jaswal	Not Ok
42	Q2172-01L	TP06-MHQL	SD	06/03/25 17:33	DUP fail for many parameters	Jaswal	Not Ok
43	Q2172-01MS	TP06-MHQMS	MS	06/03/25 17:37	DUP fail for many parameters	Jaswal	Not Ok
44	Q2172-01MSD	TP06-MHQMSD	MSD	06/03/25 17:41	DUP fail for many parameters	Jaswal	Not Ok
45	Q2172-01A	TP06-MHQA	PS	06/03/25 17:45	DUP fail for many parameters	Jaswal	Not Ok
46	Q2173-07	OR-400-CF-402B-CO	SAM	06/03/25 17:49		Jaswal	OK
47	Q2173-13	OR-400-CF-402B-CO	SAM	06/03/25 17:53		Jaswal	OK
48	Q2159-01	TP05-MHO-WC	SAM	06/03/25 17:57		Jaswal	OK
49	Q2173-01	OR-400-CF-402B-CO	SAM	06/03/25 18:01		Jaswal	OK
50	CCV04	CCV04	CCV	06/03/25 18:57		Jaswal	OK
51	CCB04	CCB04	CCB	06/03/25 19:01		Jaswal	OK
52	Q2159-04	TP05-MHO-WC	SAM	06/03/25 19:06		Jaswal	OK
53	Q2160-04	TP04-MHG-WC	SAM	06/03/25 19:10		Jaswal	OK
54	Q2160-08	TP05-MHH-WC	SAM	06/03/25 19:15		Jaswal	OK
55	Q2173-06	OR-400-CF-402B-CO	SAM	06/03/25 19:22		Jaswal	OK
56	Q2173-12	OR-400-CF-402B-CO	SAM	06/03/25 19:26		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135993

Review By	jaswal	Review On	6/4/2025 11:10:08 AM
Supervise By	mohan	Supervise On	6/4/2025 11:30:02 AM

STD. NAME	STD REF.#
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546
ICV Standard	MP85553
CCV Standard	MP85556
ICSA Standard	MP85554,MP85555
CRI Standard	MP85552
LCS Standard	
Chk Standard	MP85557,MP85558

57	Q2173-18	OR-400-CF-402B-CO	SAM	06/03/25 19:31		Jaswal	OK
58	CCV05	CCV05	CCV	06/03/25 19:35		Jaswal	OK
59	CCB05	CCB05	CCB	06/03/25 19:39		Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168200

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 05/29/2025 **Time :** 10:15 **Temp :** 96 °C

End Digest Date: 05/29/2025 **Time :** 13:21 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SKG.

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6016
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#1CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
05/29/25 14:21	SKG. met. dig.	MB. metal 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
PB168200BL	PBW200	<2	50	25	Colorless	Colorless	Clear	N/A	N/A	22
PB168200BS	LCS200	<2	50	25	Colorless	Colorless	Clear	N/A	M6007,M6016	23
Q2133-01	MW1	<2	50	25	light Brown	Colorless	Cloudy	N/A	N/A	24
Q2133-02	MW5	<2	50	25	light Brown	Colorless	Cloudy	N/A	N/A	25
Q2133-03	SUPPLY	<2	50	25	Colorless	Colorless	Clear	N/A	N/A	26
Q2133-03MS	SUPPLYMS	<2	50	25	Colorless	Colorless	Clear	N/A	M6007,M6016	28
Q2133-03MSD	SUPPLYMSD	<2	50	25	Colorless	Colorless	Clear	N/A	M6007,M6016	29
Q2133-03DUP	SUPPLYDUP	<2	50	25	Colorless	Colorless	Clear	N/A	N/A	27
Q2134-01	MW10	<2	50	25	Colorless	Colorless	Clear	N/A	N/A	30
Q2137-03	MOO-25-0149	<2	50	50	Pink	Colorless	Clear	N/A	N/A	31

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25 10:00
Project:	Banker	Date Received:	05/28/25
Client Sample ID:	MW1	SDG No.:	Q2133
Lab Sample ID:	Q2133-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	894	OR	1	0.19	0.60	mg/L		05/28/25 14:55	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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25 10:00
Project:	Banker	Date Received:	05/28/25
Client Sample ID:	MW1DL	SDG No.:	Q2133
Lab Sample ID:	Q2133-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	582	D	100	19.0	60.0	mg/L		05/28/25 17:26	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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25 11:30
Project:	Banker	Date Received:	05/28/25
Client Sample ID:	MW5	SDG No.:	Q2133
Lab Sample ID:	Q2133-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	6220	OR	1	0.19	0.60	mg/L		05/28/25 15:17	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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25 11:30
Project:	Banker	Date Received:	05/28/25
Client Sample ID:	MW5DL	SDG No.:	Q2133
Lab Sample ID:	Q2133-02DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	4630	OR	100	19.0	60.0	mg/L		05/28/25 18:09	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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25 11:30
Project:	Banker	Date Received:	05/28/25
Client Sample ID:	MW5DL2	SDG No.:	Q2133
Lab Sample ID:	Q2133-02DL2	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	3860	D	1000	190	600	mg/L		05/28/25 18:52	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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25 12:09
Project:	Banker	Date Received:	05/28/25
Client Sample ID:	SUPPLY	SDG No.:	Q2133
Lab Sample ID:	Q2133-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	298	OR	1	0.19	0.60	mg/L		05/28/25 15:38	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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/27/25 12:09
Project:	Banker	Date Received:	05/28/25
Client Sample ID:	SUPPLYDL	SDG No.:	Q2133
Lab Sample ID:	Q2133-03DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	206	D	100	19.0	60.0	mg/L		05/28/25 19:35	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

Alliance TECHNICAL GROUP
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Initial and Continuing Calibration Verification

Client: G Environmental **SDG No.:** Q2133

Project: Banker **RunNo.:** LB135928

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10.2	10	102	90-110	05/22/2025
Chloride	mg/L	3.1	3	103	90-110	05/22/2025
Fluoride	mg/L	2.1	2	105	90-110	05/22/2025
Nitrite	mg/L	3.1	3	103	90-110	05/22/2025
Nitrate	mg/L	2.6	2.5	104	90-110	05/22/2025
Sulfate	mg/L	15.1	15	101	90-110	05/22/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	05/22/2025
Sample ID: CCV1						
Bromide	mg/L	10.7	10	107	90-110	05/28/2025
Chloride	mg/L	3.2	3	107	90-110	05/28/2025
Fluoride	mg/L	2.2	2	110	90-110	05/28/2025
Nitrite	mg/L	3.2	3	107	90-110	05/28/2025
Nitrate	mg/L	2.7	2.5	108	90-110	05/28/2025
Sulfate	mg/L	15.9	15	106	90-110	05/28/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	05/28/2025
Sample ID: CCV2						
Bromide	mg/L	10.2	10	102	90-110	05/28/2025
Chloride	mg/L	3.1	3	103	90-110	05/28/2025
Fluoride	mg/L	2.1	2	105	90-110	05/28/2025
Nitrite	mg/L	3.1	3	103	90-110	05/28/2025
Nitrate	mg/L	2.6	2.5	104	90-110	05/28/2025
Sulfate	mg/L	15.1	15	101	90-110	05/28/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	05/28/2025
Sample ID: CCV3						
Bromide	mg/L	10.2	10	102	90-110	05/28/2025
Chloride	mg/L	3.1	3	103	90-110	05/28/2025
Fluoride	mg/L	2.1	2	105	90-110	05/28/2025
Nitrite	mg/L	3.1	3	103	90-110	05/28/2025
Nitrate	mg/L	2.6	2.5	104	90-110	05/28/2025
Sulfate	mg/L	15.2	15	101	90-110	05/28/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	05/28/2025

Alliance TECHNICAL GROUP
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Initial and Continuing Calibration Blank Summary

Client: G Environmental **SDG No.:** Q2133

Project: Banker **RunNo.:** LB135928

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	05/22/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	05/22/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	05/22/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	05/22/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	05/22/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	05/22/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	05/22/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	05/28/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	05/28/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	05/28/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	05/28/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	05/28/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	05/28/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	05/28/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	05/28/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	05/28/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	05/28/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	05/28/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	05/28/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	05/28/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	05/28/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	05/28/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	05/28/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	05/28/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	05/28/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	05/28/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	05/28/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	05/28/2025

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Preparation Blank Summary

Client: G Environmental **SDG No.:** Q2133

Project: Banker

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	**LB135928BLW**						
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	05/28/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	05/28/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	05/28/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	05/28/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	05/28/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	05/28/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	05/28/2025

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Matrix Spike Summary

Client: G Environmental
Project: Banker
Client ID: SUPPLYMS
SDG No.: Q2133
Sample ID: Q2133-03
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	10.5		0.37	U	10	1	105		05/28/2025
Chloride	mg/L	80-120	286	OR	298	OR	3	1	-400	*	05/28/2025
Fluoride	mg/L	80-120	2.30		0.23	J	2	1	104		05/28/2025
Nitrite	mg/L	80-120	3.10		0.080	J	3	1	101		05/28/2025
Nitrate	mg/L	80-120	3.80		1.30		2.5	1	100		05/28/2025
Sulfate	mg/L	80-120	38.2	OR	23.3		15	1	99		05/28/2025
Orthophosphate as P	mg/L	80-120	5.30		0.34	U	5	1	106		05/28/2025

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Matrix Spike Summary

Client: G Environmental
Project: Banker
Client ID: SUPPLYMSD
SDG No.: Q2133
Sample ID: Q2133-03
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	10.1		0.37	U	10	1	101		05/28/2025
Chloride	mg/L	80-120	287	OR	298	OR	3	1	-367	*	05/28/2025
Fluoride	mg/L	80-120	2.20		0.23	J	2	1	99		05/28/2025
Nitrite	mg/L	80-120	3.00		0.080	J	3	1	97		05/28/2025
Nitrate	mg/L	80-120	3.70		1.30		2.5	1	96		05/28/2025
Sulfate	mg/L	80-120	37.6	OR	23.3		15	1	95		05/28/2025
Orthophosphate as P	mg/L	80-120	5.10		0.34	U	5	1	102		05/28/2025

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Duplicate Sample Summary

Client: G Environmental
Project: Banker
Client ID: SUPPLYMSD

SDG No.: Q2133
Sample ID: Q2133-03
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	286	OR	287	OR	1	0		05/28/2025
Sulfate	mg/L	+/-20	38.2	OR	37.6	OR	1	2		05/28/2025
Nitrate	mg/L	+/-20	3.80		3.70		1	3		05/28/2025
Nitrite	mg/L	+/-20	3.10		3.00		1	3		05/28/2025
Bromide	mg/L	+/-20	10.5		10.1		1	4		05/28/2025
Fluoride	mg/L	+/-20	2.30		2.20		1	4		05/28/2025
Orthophosphate as P	mg/L	+/-20	5.30		5.10		1	4		05/28/2025

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Laboratory Control Sample Summary

Client: G Environmental **SDG No.:** Q2133

Project: Banker **Run No.:** LB135928

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB135928BSW								
Bromide	mg/L	10	10.7		107	1	90-110	05/28/2025
Chloride	mg/L	3	3.30		110	1	90-110	05/28/2025
Fluoride	mg/L	2	2.20		110	1	90-110	05/28/2025
Nitrite	mg/L	3	3.20		107	1	90-110	05/28/2025
Nitrate	mg/L	2.5	2.70		108	1	90-110	05/28/2025
Sulfate	mg/L	15	15.9		106	1	90-110	05/28/2025
Orthophosphate as P	mg/L	5	5.40		108	1	90-110	05/28/2025

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135928

Review By	rubina	Review On	5/30/2025 11:40:18 AM
Supervise By	Iwona	Supervise On	5/30/2025 12:35:36 PM
SubDirectory	LB135928	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP113186,WP113187,WP113188,WP113189,WP113190,WP113191,WP113192
ICV Standard	WP113193
CCV Standard	WP113251
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113252
Chk Standard	WP113194,WP113195,WP113252,WP113254,WP113255

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	05/22/25 11:09	All standards, samples, and	NF/IZ	OK
2	STD2	STD2	CAL2	05/22/25 11:30	QC are filtered through	NF/IZ	OK
3	STD3	STD3	CAL3	05/22/25 11:52	0.45um, filter lot W3160	NF/IZ	OK
4	STD4	STD4	CAL4	05/22/25 12:13		NF/IZ	OK
5	STD5	STD5	CAL5	05/22/25 12:35		NF/IZ	OK
6	STD6	STD6	CAL6	05/22/25 12:56		NF/IZ	OK
7	STD7	STD7	CAL7	05/22/25 13:17		NF/IZ	OK
8	ICV1	ICV1	ICV	05/22/25 13:39		NF/IZ	OK
9	ICB1	ICB1	ICB	05/22/25 14:22		NF/IZ	OK
10	CCV1	CCV1	CCV	05/28/25 11:29		NF/IZ	OK
11	CCB1	CCB1	CCB	05/28/25 11:51		NF/IZ	OK
12	LB135928BLW	LB135928BLW	MB	05/28/25 12:12		NF/IZ	OK
13	LB135928BSW	LB135928BSW	LCS	05/28/25 13:29		NF/IZ	OK
14	Q2126-08	LOQ-WATER-02-QT2	LOQ	05/28/25 13:51		NF/IZ	OK
15	Q2126-07	LOD-MDL-WATER-01	SAM	05/28/25 14:12		NF/IZ	OK
16	Q2126-07RE	LOD-MDL-WATER-01	SAM	05/28/25 14:34		NF/IZ	OK
17	Q2133-01	MW1	SAM	05/28/25 14:55	Cl is high	NF/IZ	Dilution
18	Q2133-02	MW5	SAM	05/28/25 15:17	Cl and SO4 is high	NF/IZ	Dilution

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Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135928

Review By	rubina	Review On	5/30/2025 11:40:18 AM
Supervise By	Iwona	Supervise On	5/30/2025 12:35:36 PM
SubDirectory	LB135928	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP113186,WP113187,WP113188,WP113189,WP113190,WP113191,WP113192
ICV Standard	WP113193
CCV Standard	WP113251
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113252
Chk Standard	WP113194,WP113195,WP113252,WP113254,WP113255

19	Q2133-03	SUPPLY	SAM	05/28/25 15:38	Cl is high	NF/IZ	Dilution
20	Q2133-03MS	SUPPLYMS	MS	05/28/25 16:00	9.5ml of sample, 0.5mL W3092	NF/IZ	OK
21	Q2133-03MSD	SUPPLYMSD	MSD	05/28/25 16:21	9.5ml of sample, 0.5mL W3092	NF/IZ	OK
22	CCV2	CCV2	CCV	05/28/25 16:43		NF/IZ	OK
23	CCB2	CCB2	CCB	05/28/25 17:05		NF/IZ	OK
24	Q2133-01DL	MW1DL	SAM	05/28/25 17:26	100X For Cl	NF/IZ	Confirms
25	Q2133-02DL	MW5DL	SAM	05/28/25 18:09	100X for CL and SO4, still Cl is high	NF/IZ	Dilution
26	Q2133-02DL2	MW5DL2	SAM	05/28/25 18:52	1000X for Cl	NF/IZ	Confirms
27	Q2133-03DL	SUPPLYDL	SAM	05/28/25 19:35	100X for Cl	NF/IZ	Confirms
28	CCV3	CCV3	CCV	05/28/25 19:56		NF/IZ	OK
29	CCB3	CCB3	CCB	05/28/25 20:18		NF/IZ	OK

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LAB CHRONICLE

OrderID:	Q2133	**OrderDate:**	5/28/2025 11:41:01 AM
Client:	G Environmental	**Project:**	Banker
Contact:	Gary Landis	**Location:**	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2133-01	**MW1**	**WATER**			**05/27/25 10:00**			**05/28/25**
			Anions Group1	300.0			05/28/25 14:55	
Q2133-01DL	**MW1DL**	**WATER**			**05/27/25 10:00**			**05/28/25**
			Anions Group1	300.0			05/28/25 17:26	
Q2133-02	**MW5**	**WATER**			**05/27/25 11:30**			**05/28/25**
			Anions Group1	300.0			05/28/25 15:17	
Q2133-02DL	**MW5DL**	**WATER**			**05/27/25 11:30**			**05/28/25**
			Anions Group1	300.0			05/28/25 18:09	
Q2133-02DL2	**MW5DL2**	**WATER**			**05/27/25 11:30**			**05/28/25**
			Anions Group1	300.0			05/28/25 18:52	
Q2133-03	**SUPPLY**	**WATER**			**05/27/25 12:09**			**05/28/25**
			Anions Group1	300.0			05/28/25 15:38	
Q2133-03DL	**SUPPLYDL**	**WATER**			**05/27/25 12:09**			**05/28/25**
			Anions Group1	300.0			05/28/25 19:35	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2133
COC Number 2047145

7
7.1

CLIENT INFORMATION

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

CLIENT PROJECT INFORMATION

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

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1 & Sodium Chloride; 2; 3; 4; 5; 6; 7; 8; 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW1	GW		X	5/27/25	1000	2	X	X								
2.	MW5	GW		X	5/27/25	1130	2	X	X								
3.	Supply	GW		X	5/27/25	1209	2	X	X								
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

HNO3

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	5/28/25 9:37	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2-1 °C
Comments: IR Gun #1

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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