

DATA PACKAGE

GENERAL CHEMISTRY
METALS

PROJECT NAME : ROTOR CLIP NJ WTD - 2025

VERINA CONSULTING GROUP, LLC

1011 US Highway 22, Suite 302

Bridgewater, NJ - 08807

Phone No: 908-864-4400

ORDER ID : Q3785

ATTENTION : Michael Valenzi



Laboratory Certification ID # 20012



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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

1

Laboratory Name : Alliance Technical Group LLC Client : VERINA CONSULTING GROUP, LLC

Project Location : NJ Project Number : 5183.0001

Laboratory Sample ID(s) : Q3785 Sampling Date(s) : 12/04/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **1664A,6010D,9012B,SM2540 D,SM4500 CI G,SM4500-NH3,SM5210 B, SM5220 D,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 : Q3785

Project ID : Rotor Clip NJ WTD - 2025

Client : VERINA CONSULTING GROUP, LLC

Lab Sample Number

Q3785-01
Q3785-02
Q3785-03
Q3785-04

Client Sample Number

WATER-TREATMENT DISCHARGE
WATER-TREATMENT DISCHARGEMS
WATER-TREATMENT DISCHARGEMSD
WATER-TREATMENT DISCHARGE

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

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:40 pm, Dec 15, 2025

Date: 12/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

VERINA CONSULTING GROUP, LLC

Project Name: Rotor Clip NJ WTD - 2025

Project # N/A

Order ID # Q3785

Test Name: Metals Group5,Ammonia,BOD5,COD,Cyanide,Oil and Grease,Residual Chlorine,TSS

A. Number of Samples and Date of Receipt:

4 Water samples were received on 12/04/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Metals Group5,Ammonia,BOD5,COD,Cyanide,Oil and Grease,Residual Chlorine,TSS. This data package contains results for Metals Group5(6010D),Ammonia(SM4500-NH3), BOD5(SM5210 B),COD(SM5220 D),Cyanide(9012B),Oil and Grease(1664A),Residual Chlorine(SM4500 Cl G),TSS(SM2540 D).

C. Analytical Techniques:

Metals Group5 : The analysis of Metals Group5 was based on method 6010D and digestion based on method 3010 (waters).

Wetchem : The analysis of Oil and Grease was based on method 1664A, The analysis of Cyanide was based on method 9012B, The analysis of TSS was based on method SM2540 D, The analysis of Residual Chlorine was based on method SM4500 Cl G, The analysis of Ammonia was based on method SM4500-NH3, The analysis of BOD5 was based on method SM5210 B and The analysis of COD was based on method SM5220 D.

D. QA/ QC Samples:

The Holding Times were met for all analysis except following Wetchem : WATER-TREATMENT DISCHARGE of Residual Chlorine as samples was receive out of holding time.

The MS recoveries met the requirements for all compounds except following Metals Group5 : The Matrix Spike (MC0KG1MS) analysis met criteria for all compounds except for Cadmium and Silver due to Chemical Interference during Digestion Process.

The MSD recoveries met the requirements for all compounds except following Metals Group5 : The Matrix Spike Duplicate (MC0KG1MSD) analysis met criteria for all compounds except for Cadmium and Silver due to Chemical Interference during Digestion process.

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

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 compounds.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

Metals Group5 : The Post Digest Spike (MC0KG1A) analysis met criteria for all compounds except for Cadmium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

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

Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:40 pm, Dec 15, 2025

DATA REPORTING QUALIFIERS- INORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3785

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: 12/15/2025

Hit Summary Sheet
SW-846

SDG No.: Q3785 **Order ID:** Q3785
Client: VERINA CONSULTING GROUP, LLC **Project ID:** Rotor Clip NJ WTD - 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WATER-TREATMENT DISCHARGE								
Q3785-04	WATER-TREATMENT DISCHA	Water	Chromium	2.68	J	1.06	5.00	ug/L
Q3785-04	WATER-TREATMENT DISCHA	Water	Copper	7.87	J	2.30	10.0	ug/L
Q3785-04	WATER-TREATMENT DISCHA	Water	Nickel	3.50	J	1.53	20.0	ug/L
Q3785-04	WATER-TREATMENT DISCHA	Water	Zinc	163		8.33	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client: VERINA CONSULTING GROUP, LLC
Project: Rotor Clip NJ WTD - 2025
Client Sample ID: WATER-TREATMENT DISCHARGE
Lab Sample ID: Q3785-04
Level (low/med): low

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3785
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-43-9	Cadmium	0.25	UN	1	0.25	3.00	ug/L	12/05/25 10:40	12/09/25 19:56	6010D	M3010A
7440-47-3	Chromium	2.68	J	1	1.06	5.00	ug/L	12/05/25 10:40	12/09/25 19:56	6010D	M3010A
7440-50-8	Copper	7.87	J	1	2.30	10.0	ug/L	12/05/25 10:40	12/09/25 19:56	6010D	M3010A
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	12/05/25 10:40	12/09/25 19:56	6010D	M3010A
7440-02-0	Nickel	3.50	J	1	1.53	20.0	ug/L	12/05/25 10:40	12/09/25 19:56	6010D	M3010A
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	12/05/25 10:40	12/09/25 19:56	6010D	M3010A
7440-66-6	Zinc	163		1	8.33	20.0	ug/L	12/05/25 10:40	12/09/25 19:56	6010D	M3010A

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

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	12:24	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	12:24	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	12:24	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	12:24	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	12:24	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	12:24	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	12:24	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	12:53	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	12:53	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	12:53	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	12:53	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	12:53	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	12:53	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	12:53	LB138174
CCB02	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	13:45	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	13:45	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	13:45	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	13:45	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	13:45	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	13:45	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	13:45	LB138174
CCB03	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	15:13	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	15:13	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	15:13	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	15:13	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	15:13	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	15:13	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	15:13	LB138174
CCB04	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	16:04	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	16:04	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	16:04	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	16:04	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	16:04	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	16:04	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	16:04	LB138174
CCB05	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	16:54	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	16:54	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	16:54	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	16:54	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	16:54	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	16:54	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	16:54	LB138174
CCB06	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	17:45	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	17:45	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	17:45	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	17:45	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	17:45	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	17:45	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	17:45	LB138174
CCB07	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	18:36	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	18:36	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	18:36	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	18:36	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	18:36	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	18:36	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	18:36	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	19:34	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	19:34	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	19:34	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	19:34	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	19:34	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	19:34	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	19:34	LB138174
CCB09	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	20:41	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	20:41	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	20:41	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	20:41	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	20:41	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	20:41	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	20:41	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	21:31	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	21:31	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	21:31	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	21:31	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	21:31	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	21:31	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	21:31	LB138174
CCB11	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	22:22	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	22:22	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	22:22	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	22:22	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	22:22	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	22:22	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	22:22	LB138174
	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	23:25	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB12	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	23:25	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	23:25	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	23:25	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	23:25	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	23:25	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	23:25	LB138174
CCB13	Cadmium	0.50	+/-3	U	6.00	P	12/09/2025	23:45	LB138174
	Chromium	2.12	+/-5	U	10.0	P	12/09/2025	23:45	LB138174
	Copper	4.60	+/-10	U	20.0	P	12/09/2025	23:45	LB138174
	Lead	2.30	+/-6	U	12.0	P	12/09/2025	23:45	LB138174
	Nickel	3.06	+/-20	U	40.0	P	12/09/2025	23:45	LB138174
	Silver	1.62	+/-5	U	10.0	P	12/09/2025	23:45	LB138174
	Zinc	16.7	+/-20	U	40.0	P	12/09/2025	23:45	LB138174

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	11:46	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	11:46	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	11:46	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	11:46	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	11:46	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	11:46	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	11:46	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	12:18	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	12:18	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	12:18	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	12:18	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	12:18	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	12:18	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	12:18	LB138198
CCB02	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	13:08	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	13:08	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	13:08	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	13:08	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	13:08	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	13:08	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	13:08	LB138198
CCB03	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	13:59	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	13:59	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	13:59	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	13:59	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	13:59	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	13:59	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	13:59	LB138198
CCB04	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	15:04	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	15:04	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	15:04	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	15:04	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	15:04	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	15:04	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	15:04	LB138198
CCB05	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	15:54	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	15:54	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	15:54	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	15:54	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	15:54	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	15:54	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	15:54	LB138198
CCB06	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	16:44	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	16:44	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	16:44	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	16:44	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	16:44	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	16:44	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	16:44	LB138198
CCB07	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	17:57	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	17:57	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	17:57	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	17:57	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	17:57	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	17:57	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	17:57	LB138198
CCB08	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	18:52	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	18:52	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	18:52	LB138198
	Lead	2.30	+/-6	U	12.0	P	12/11/2025	18:52	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	18:52	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	18:52	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	18:52	LB138198
CCB09	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	19:45	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	19:45	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	19:45	LB138198
	Lead	3.43	+/-6	J	12.0	P	12/11/2025	19:45	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	19:45	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	19:45	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	19:45	LB138198
CCB10	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	20:37	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	20:37	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	20:37	LB138198
	Lead	2.34	+/-6	J	12.0	P	12/11/2025	20:37	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	20:37	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	20:37	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	20:37	LB138198
CCB11	Cadmium	0.50	+/-3	U	6.00	P	12/11/2025	20:59	LB138198
	Chromium	2.12	+/-5	U	10.0	P	12/11/2025	20:59	LB138198
	Copper	4.60	+/-10	U	20.0	P	12/11/2025	20:59	LB138198
	Lead	2.32	+/-6	J	12.0	P	12/11/2025	20:59	LB138198
	Nickel	3.06	+/-20	U	40.0	P	12/11/2025	20:59	LB138198
	Silver	1.62	+/-5	U	10.0	P	12/11/2025	20:59	LB138198
	Zinc	16.7	+/-20	U	40.0	P	12/11/2025	20:59	LB138198

Metals
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PREPARATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170841BL		WATER		Batch Number:	PB170841		Prep Date:	12/05/2025	
	Cadmium	0.25	<1.5	U	3.00	P	12/11/2025	12:31	LB138198
	Chromium	1.06	<2.5	U	5.00	P	12/11/2025	12:31	LB138198
	Copper	2.30	<5	U	10.0	P	12/11/2025	12:31	LB138198
	Lead	1.15	<3	U	6.00	P	12/11/2025	12:31	LB138198
	Nickel	1.53	<10	U	20.0	P	12/11/2025	12:31	LB138198
	Silver	0.81	<2.5	U	5.00	P	12/11/2025	12:31	LB138198
	Zinc	8.33	<10	U	20.0	P	12/11/2025	12:31	LB138198



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC

Contract: VERI01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3785

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Cadmium	1900	2000	95	90 - 110	P	12/09/2025	12:15	LB138174
	Chromium	788	800	98	90 - 110	P	12/09/2025	12:15	LB138174
	Copper	975	1000	98	90 - 110	P	12/09/2025	12:15	LB138174
	Lead	3750	4000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Nickel	1890	2000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Silver	938	1000	94	90 - 110	P	12/09/2025	12:15	LB138174
	Zinc	1980	2000	99	90 - 110	P	12/09/2025	12:15	LB138174

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC
Contract: VERI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3785
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Cadmium	5.98	6.0	100	80 - 120	P	12/09/2025	12:19	LB138174
	Chromium	10.0	10.0	100	80 - 120	P	12/09/2025	12:19	LB138174
	Copper	21.1	20.0	106	80 - 120	P	12/09/2025	12:19	LB138174
	Lead	10.6	12.0	88	80 - 120	P	12/09/2025	12:19	LB138174
	Nickel	40.1	40.0	100	80 - 120	P	12/09/2025	12:19	LB138174
	Silver	10.4	10.0	104	80 - 120	P	12/09/2025	12:19	LB138174
	Zinc	42.9	40.0	107	80 - 120	P	12/09/2025	12:19	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Cadmium	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Chromium	990	1000	99	90 - 110	P	12/09/2025	12:49	LB138174
	Copper	1230	1250	99	90 - 110	P	12/09/2025	12:49	LB138174
	Lead	4870	5000	97	90 - 110	P	12/09/2025	12:49	LB138174
	Nickel	2430	2500	97	90 - 110	P	12/09/2025	12:49	LB138174
	Silver	1250	1250	100	90 - 110	P	12/09/2025	12:49	LB138174
	Zinc	2510	2500	100	90 - 110	P	12/09/2025	12:49	LB138174
CCV02	Cadmium	2440	2500	98	90 - 110	P	12/09/2025	13:41	LB138174
	Chromium	981	1000	98	90 - 110	P	12/09/2025	13:41	LB138174
	Copper	1250	1250	100	90 - 110	P	12/09/2025	13:41	LB138174
	Lead	4900	5000	98	90 - 110	P	12/09/2025	13:41	LB138174
	Nickel	2450	2500	98	90 - 110	P	12/09/2025	13:41	LB138174
	Silver	1230	1250	99	90 - 110	P	12/09/2025	13:41	LB138174
	Zinc	2490	2500	100	90 - 110	P	12/09/2025	13:41	LB138174
CCV03	Cadmium	2410	2500	96	90 - 110	P	12/09/2025	15:09	LB138174
	Chromium	953	1000	95	90 - 110	P	12/09/2025	15:09	LB138174
	Copper	1250	1250	100	90 - 110	P	12/09/2025	15:09	LB138174
	Lead	4850	5000	97	90 - 110	P	12/09/2025	15:09	LB138174
	Nickel	2430	2500	97	90 - 110	P	12/09/2025	15:09	LB138174
	Silver	1210	1250	97	90 - 110	P	12/09/2025	15:09	LB138174
	Zinc	2410	2500	97	90 - 110	P	12/09/2025	15:09	LB138174
CCV04	Cadmium	2400	2500	96	90 - 110	P	12/09/2025	16:00	LB138174
	Chromium	993	1000	99	90 - 110	P	12/09/2025	16:00	LB138174
	Copper	1240	1250	99	90 - 110	P	12/09/2025	16:00	LB138174
	Lead	4820	5000	96	90 - 110	P	12/09/2025	16:00	LB138174
	Nickel	2410	2500	96	90 - 110	P	12/09/2025	16:00	LB138174
	Silver	1260	1250	101	90 - 110	P	12/09/2025	16:00	LB138174
	Zinc	2510	2500	100	90 - 110	P	12/09/2025	16:00	LB138174
CCV05	Cadmium	2420	2500	97	90 - 110	P	12/09/2025	16:50	LB138174
	Chromium	987	1000	99	90 - 110	P	12/09/2025	16:50	LB138174
	Copper	1240	1250	99	90 - 110	P	12/09/2025	16:50	LB138174
	Lead	4840	5000	97	90 - 110	P	12/09/2025	16:50	LB138174
	Nickel	2420	2500	97	90 - 110	P	12/09/2025	16:50	LB138174
	Silver	1210	1250	97	90 - 110	P	12/09/2025	16:50	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC

Contract: VERI01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3785

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Zinc	2450	2500	98	90 - 110	P	12/09/2025	16:50	LB138174
CCV06	Cadmium	2410	2500	97	90 - 110	P	12/09/2025	17:41	LB138174
	Chromium	986	1000	99	90 - 110	P	12/09/2025	17:41	LB138174
	Copper	1250	1250	100	90 - 110	P	12/09/2025	17:41	LB138174
	Lead	4840	5000	97	90 - 110	P	12/09/2025	17:41	LB138174
	Nickel	2420	2500	97	90 - 110	P	12/09/2025	17:41	LB138174
	Silver	1240	1250	99	90 - 110	P	12/09/2025	17:41	LB138174
	Zinc	2490	2500	100	90 - 110	P	12/09/2025	17:41	LB138174
CCV07	Cadmium	2350	2500	94	90 - 110	P	12/09/2025	18:31	LB138174
	Chromium	951	1000	95	90 - 110	P	12/09/2025	18:31	LB138174
	Copper	1220	1250	98	90 - 110	P	12/09/2025	18:31	LB138174
	Lead	4730	5000	95	90 - 110	P	12/09/2025	18:31	LB138174
	Nickel	2370	2500	95	90 - 110	P	12/09/2025	18:31	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	18:31	LB138174
	Zinc	2460	2500	98	90 - 110	P	12/09/2025	18:31	LB138174
CCV08	Cadmium	2350	2500	94	90 - 110	P	12/09/2025	19:30	LB138174
	Chromium	956	1000	96	90 - 110	P	12/09/2025	19:30	LB138174
	Copper	1210	1250	97	90 - 110	P	12/09/2025	19:30	LB138174
	Lead	4740	5000	95	90 - 110	P	12/09/2025	19:30	LB138174
	Nickel	2360	2500	95	90 - 110	P	12/09/2025	19:30	LB138174
	Silver	1200	1250	96	90 - 110	P	12/09/2025	19:30	LB138174
	Zinc	2410	2500	96	90 - 110	P	12/09/2025	19:30	LB138174
CCV09	Cadmium	2350	2500	94	90 - 110	P	12/09/2025	20:37	LB138174
	Chromium	962	1000	96	90 - 110	P	12/09/2025	20:37	LB138174
	Copper	1220	1250	98	90 - 110	P	12/09/2025	20:37	LB138174
	Lead	4730	5000	95	90 - 110	P	12/09/2025	20:37	LB138174
	Nickel	2370	2500	95	90 - 110	P	12/09/2025	20:37	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	20:37	LB138174
	Zinc	2460	2500	98	90 - 110	P	12/09/2025	20:37	LB138174
CCV10	Cadmium	2360	2500	94	90 - 110	P	12/09/2025	21:27	LB138174
	Chromium	948	1000	95	90 - 110	P	12/09/2025	21:27	LB138174
	Copper	1230	1250	98	90 - 110	P	12/09/2025	21:27	LB138174
	Lead	4760	5000	95	90 - 110	P	12/09/2025	21:27	LB138174
	Nickel	2370	2500	95	90 - 110	P	12/09/2025	21:27	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC

Contract: VERI01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3785

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Silver	1190	1250	95	90 - 110	P	12/09/2025	21:27	LB138174
	Zinc	2430	2500	97	90 - 110	P	12/09/2025	21:27	LB138174
CCV11	Cadmium	2370	2500	95	90 - 110	P	12/09/2025	22:17	LB138174
	Chromium	963	1000	96	90 - 110	P	12/09/2025	22:17	LB138174
	Copper	1230	1250	98	90 - 110	P	12/09/2025	22:17	LB138174
	Lead	4760	5000	95	90 - 110	P	12/09/2025	22:17	LB138174
	Nickel	2390	2500	95	90 - 110	P	12/09/2025	22:17	LB138174
	Silver	1190	1250	95	90 - 110	P	12/09/2025	22:17	LB138174
	Zinc	2440	2500	97	90 - 110	P	12/09/2025	22:17	LB138174
CCV12	Cadmium	2370	2500	95	90 - 110	P	12/09/2025	23:20	LB138174
	Chromium	943	1000	94	90 - 110	P	12/09/2025	23:20	LB138174
	Copper	1240	1250	99	90 - 110	P	12/09/2025	23:20	LB138174
	Lead	4790	5000	96	90 - 110	P	12/09/2025	23:20	LB138174
	Nickel	2400	2500	96	90 - 110	P	12/09/2025	23:20	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	23:20	LB138174
	Zinc	2470	2500	99	90 - 110	P	12/09/2025	23:20	LB138174
CCV13	Cadmium	2440	2500	97	90 - 110	P	12/09/2025	23:41	LB138174
	Chromium	966	1000	97	90 - 110	P	12/09/2025	23:41	LB138174
	Copper	1270	1250	102	90 - 110	P	12/09/2025	23:41	LB138174
	Lead	4900	5000	98	90 - 110	P	12/09/2025	23:41	LB138174
	Nickel	2450	2500	98	90 - 110	P	12/09/2025	23:41	LB138174
	Silver	1220	1250	98	90 - 110	P	12/09/2025	23:41	LB138174
	Zinc	2490	2500	100	90 - 110	P	12/09/2025	23:41	LB138174

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC
Contract: VERI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3785
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Cadmium	1910	2000	96	90 - 110	P	12/11/2025	11:30	LB138198
	Chromium	797	800	100	90 - 110	P	12/11/2025	11:30	LB138198
	Copper	994	1000	99	90 - 110	P	12/11/2025	11:30	LB138198
	Lead	3800	4000	95	90 - 110	P	12/11/2025	11:30	LB138198
	Nickel	1950	2000	98	90 - 110	P	12/11/2025	11:30	LB138198
	Silver	1010	1000	101	90 - 110	P	12/11/2025	11:30	LB138198
	Zinc	2040	2000	102	90 - 110	P	12/11/2025	11:30	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC
Contract: VERI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3785
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Cadmium	6.06	6.0	101	80 - 120	P	12/11/2025	11:41	LB138198
	Chromium	10.6	10.0	106	80 - 120	P	12/11/2025	11:41	LB138198
	Copper	22.0	20.0	110	80 - 120	P	12/11/2025	11:41	LB138198
	Lead	13.6	12.0	113	80 - 120	P	12/11/2025	11:41	LB138198
	Nickel	42.0	40.0	105	80 - 120	P	12/11/2025	11:41	LB138198
	Silver	11.1	10.0	111	80 - 120	P	12/11/2025	11:41	LB138198
	Zinc	44.5	40.0	111	80 - 120	P	12/11/2025	11:41	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Cadmium	2490	2500	100	90 - 110	P	12/11/2025	12:14	LB138198
	Chromium	988	1000	99	90 - 110	P	12/11/2025	12:14	LB138198
	Copper	1260	1250	101	90 - 110	P	12/11/2025	12:14	LB138198
	Lead	5000	5000	100	90 - 110	P	12/11/2025	12:14	LB138198
	Nickel	2490	2500	100	90 - 110	P	12/11/2025	12:14	LB138198
	Silver	1240	1250	99	90 - 110	P	12/11/2025	12:14	LB138198
	Zinc	2540	2500	102	90 - 110	P	12/11/2025	12:14	LB138198
CCV02	Cadmium	2480	2500	99	90 - 110	P	12/11/2025	13:04	LB138198
	Chromium	1040	1000	104	90 - 110	P	12/11/2025	13:04	LB138198
	Copper	1260	1250	101	90 - 110	P	12/11/2025	13:04	LB138198
	Lead	5000	5000	100	90 - 110	P	12/11/2025	13:04	LB138198
	Nickel	2490	2500	100	90 - 110	P	12/11/2025	13:04	LB138198
	Silver	1270	1250	102	90 - 110	P	12/11/2025	13:04	LB138198
	Zinc	2570	2500	103	90 - 110	P	12/11/2025	13:04	LB138198
CCV03	Cadmium	2380	2500	95	90 - 110	P	12/11/2025	13:55	LB138198
	Chromium	958	1000	96	90 - 110	P	12/11/2025	13:55	LB138198
	Copper	1220	1250	97	90 - 110	P	12/11/2025	13:55	LB138198
	Lead	4790	5000	96	90 - 110	P	12/11/2025	13:55	LB138198
	Nickel	2390	2500	96	90 - 110	P	12/11/2025	13:55	LB138198
	Silver	1210	1250	97	90 - 110	P	12/11/2025	13:55	LB138198
	Zinc	2450	2500	98	90 - 110	P	12/11/2025	13:55	LB138198
CCV04	Cadmium	2440	2500	98	90 - 110	P	12/11/2025	14:59	LB138198
	Chromium	1020	1000	102	90 - 110	P	12/11/2025	14:59	LB138198
	Copper	1260	1250	100	90 - 110	P	12/11/2025	14:59	LB138198
	Lead	4940	5000	99	90 - 110	P	12/11/2025	14:59	LB138198
	Nickel	2470	2500	99	90 - 110	P	12/11/2025	14:59	LB138198
	Silver	1250	1250	100	90 - 110	P	12/11/2025	14:59	LB138198
	Zinc	2530	2500	101	90 - 110	P	12/11/2025	14:59	LB138198
CCV05	Cadmium	2460	2500	98	90 - 110	P	12/11/2025	15:50	LB138198
	Chromium	968	1000	97	90 - 110	P	12/11/2025	15:50	LB138198
	Copper	1260	1250	100	90 - 110	P	12/11/2025	15:50	LB138198
	Lead	4930	5000	99	90 - 110	P	12/11/2025	15:50	LB138198
	Nickel	2460	2500	98	90 - 110	P	12/11/2025	15:50	LB138198
	Silver	1240	1250	99	90 - 110	P	12/11/2025	15:50	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC

Contract: VERI01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3785

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Zinc	2490	2500	100	90 - 110	P	12/11/2025	15:50	LB138198
CCV06	Cadmium	2430	2500	97	90 - 110	P	12/11/2025	16:40	LB138198
	Chromium	1020	1000	102	90 - 110	P	12/11/2025	16:40	LB138198
	Copper	1260	1250	100	90 - 110	P	12/11/2025	16:40	LB138198
	Lead	4880	5000	98	90 - 110	P	12/11/2025	16:40	LB138198
	Nickel	2450	2500	98	90 - 110	P	12/11/2025	16:40	LB138198
	Silver	1260	1250	101	90 - 110	P	12/11/2025	16:40	LB138198
	Zinc	2510	2500	100	90 - 110	P	12/11/2025	16:40	LB138198
CCV07	Cadmium	2360	2500	94	90 - 110	P	12/11/2025	17:53	LB138198
	Chromium	969	1000	97	90 - 110	P	12/11/2025	17:53	LB138198
	Copper	1200	1250	96	90 - 110	P	12/11/2025	17:53	LB138198
	Lead	4680	5000	94	90 - 110	P	12/11/2025	17:53	LB138198
	Nickel	2330	2500	93	90 - 110	P	12/11/2025	17:53	LB138198
	Silver	1180	1250	95	90 - 110	P	12/11/2025	17:53	LB138198
	Zinc	2430	2500	97	90 - 110	P	12/11/2025	17:53	LB138198
CCV08	Cadmium	2350	2500	94	90 - 110	P	12/11/2025	18:48	LB138198
	Chromium	946	1000	95	90 - 110	P	12/11/2025	18:48	LB138198
	Copper	1190	1250	95	90 - 110	P	12/11/2025	18:48	LB138198
	Lead	5040	5000	101	90 - 110	P	12/11/2025	18:48	LB138198
	Nickel	2590	2500	104	90 - 110	P	12/11/2025	18:48	LB138198
	Silver	1180	1250	94	90 - 110	P	12/11/2025	18:48	LB138198
	Zinc	2410	2500	96	90 - 110	P	12/11/2025	18:48	LB138198
CCV09	Cadmium	2290	2500	92	90 - 110	P	12/11/2025	19:41	LB138198
	Chromium	951	1000	95	90 - 110	P	12/11/2025	19:41	LB138198
	Copper	1150	1250	92	90 - 110	P	12/11/2025	19:41	LB138198
	Lead	4930	5000	98	90 - 110	P	12/11/2025	19:41	LB138198
	Nickel	2530	2500	101	90 - 110	P	12/11/2025	19:41	LB138198
	Silver	1140	1250	91	90 - 110	P	12/11/2025	19:41	LB138198
	Zinc	2350	2500	94	90 - 110	P	12/11/2025	19:41	LB138198
CCV10	Cadmium	2350	2500	94	90 - 110	P	12/11/2025	20:33	LB138198
	Chromium	931	1000	93	90 - 110	P	12/11/2025	20:33	LB138198
	Copper	1180	1250	94	90 - 110	P	12/11/2025	20:33	LB138198
	Lead	5010	5000	100	90 - 110	P	12/11/2025	20:33	LB138198
	Nickel	2580	2500	103	90 - 110	P	12/11/2025	20:33	LB138198

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC
Contract: VERI01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3785
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Silver	1170	1250	94	90 - 110	P	12/11/2025	20:33	LB138198
	Zinc	2410	2500	96	90 - 110	P	12/11/2025	20:33	LB138198
CCV11	Cadmium	2270	2500	91	90 - 110	P	12/11/2025	20:55	LB138198
	Chromium	913	1000	91	90 - 110	P	12/11/2025	20:55	LB138198
	Copper	1140	1250	91	90 - 110	P	12/11/2025	20:55	LB138198
	Lead	4830	5000	96	90 - 110	P	12/11/2025	20:55	LB138198
	Nickel	2500	2500	100	90 - 110	P	12/11/2025	20:55	LB138198
	Silver	1130	1250	91	90 - 110	P	12/11/2025	20:55	LB138198
	Zinc	2330	2500	93	90 - 110	P	12/11/2025	20:55	LB138198

Metals

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CRDL STANDARD FOR AA & ICP

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

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
CR101	Cadmium	5.84	6.0	97	65 - 135	P	12/09/2025	12:28	LB138174
	Chromium	10.4	10.0	104	65 - 135	P	12/09/2025	12:28	LB138174
	Copper	21.5	20.0	107	65 - 135	P	12/09/2025	12:28	LB138174
	Lead	12.0	12.0	100	65 - 135	P	12/09/2025	12:28	LB138174
	Nickel	39.7	40.0	99	65 - 135	P	12/09/2025	12:28	LB138174
	Silver	10.0	10.0	100	65 - 135	P	12/09/2025	12:28	LB138174
	Zinc	41.9	40.0	105	65 - 135	P	12/09/2025	12:28	LB138174
CR101	Cadmium	5.86	6.0	98	65 - 135	P	12/11/2025	11:50	LB138198
	Chromium	10.3	10.0	103	65 - 135	P	12/11/2025	11:50	LB138198
	Copper	21.8	20.0	109	65 - 135	P	12/11/2025	11:50	LB138198
	Lead	13.7	12.0	114	65 - 135	P	12/11/2025	11:50	LB138198
	Nickel	41.1	40.0	103	65 - 135	P	12/11/2025	11:50	LB138198
	Silver	11.3	10.0	113	65 - 135	P	12/11/2025	11:50	LB138198
	Zinc	43.9	40.0	110	65 - 135	P	12/11/2025	11:50	LB138198

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>VERINA CONSULTING GROUP, LLC</u>	SDG No.: <u>Q3785</u>
Contract: <u>VERI01</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	Cadmium	4.58	1.0	458	-5	7	12/09/2025	12:32	LB138174
	Chromium	45.9	52.0	88	42	62	12/09/2025	12:32	LB138174
	Copper	-2.36	2.0	118	-18	22	12/09/2025	12:32	LB138174
	Lead	3.51			-12	12	12/09/2025	12:32	LB138174
	Nickel	6.00	2.0	300	-38	42	12/09/2025	12:32	LB138174
	Silver	-1.30			-10	10	12/09/2025	12:32	LB138174
	Zinc	5.79			-40	40	12/09/2025	12:32	LB138174
ICSAB01	Cadmium	979	972	101	826	1120	12/09/2025	12:37	LB138174
	Chromium	545	542	101	460	624	12/09/2025	12:37	LB138174
	Copper	464	511	91	434	588	12/09/2025	12:37	LB138174
	Lead	53.9	49.0	110	37	61	12/09/2025	12:37	LB138174
	Nickel	965	954	101	810	1100	12/09/2025	12:37	LB138174
	Silver	180	201	90	170	232	12/09/2025	12:37	LB138174
	Zinc	1040	952	109	809	1095	12/09/2025	12:37	LB138174
ICSA01	Cadmium	3.39	1.0	339	-5	7	12/11/2025	11:54	LB138198
	Chromium	52.4	52.0	101	42	62	12/11/2025	11:54	LB138198
	Copper	2.84	2.0	142	-18	22	12/11/2025	11:54	LB138198
	Lead	7.82			-12	12	12/11/2025	11:54	LB138198
	Nickel	6.93	2.0	346	-38	42	12/11/2025	11:54	LB138198
	Silver	7.73			-10	10	12/11/2025	11:54	LB138198
	Zinc	5.57			-40	40	12/11/2025	11:54	LB138198
ICSAB01	Cadmium	946	972	97	826	1120	12/11/2025	11:59	LB138198
	Chromium	535	542	99	460	624	12/11/2025	11:59	LB138198
	Copper	458	511	90	434	588	12/11/2025	11:59	LB138198
	Lead	58.0	49.0	118	37	61	12/11/2025	11:59	LB138198
	Nickel	944	954	99	810	1100	12/11/2025	11:59	LB138198
	Silver	180	201	90	170	232	12/11/2025	11:59	LB138198
	Zinc	987	952	104	809	1095	12/11/2025	11:59	LB138198



METAL QC DATA

metals
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MATRIX SPIKE SUMMARY

client: VERINA CONSULTING GROUP, LLC **level:** low **sdg no.:** Q3785
contract: VERI01 **lab code:** ACE
matrix: Water **sample id:** Q3765-05 **client id:** MC0KG1MS
Percent Solids for Sample: NA **Spiked ID:** Q3765-06 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	88 - 113	405		363		100	41	N	P
Chromium	ug/L	90 - 113	197		6.20		200	96		P
Copper	ug/L	86 - 114	238		101		150	91		P
Lead	ug/L	86 - 113	6310		9120		500	-563		P
Nickel	ug/L	88 - 113	245		23.3		250	89		P
Silver	ug/L	84 - 115	9.14		5.00	U	37.5	24	N	P
Zinc	ug/L	87 - 115	516		421		100	94		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: VERINA CONSULTING GROUP, LLC **level:** low **sdg no.:** Q3785
contract: VERI01 **lab code:** ACE
matrix: Water **sample id:** Q3765-05 **client id:** MC0KG1MSD
Percent Solids for Sample: NA **Spiked ID:** Q3765-07 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	88 - 113	387		363		100	24	N	P
Chromium	ug/L	90 - 113	221		6.20		200	107		P
Copper	ug/L	86 - 114	230		101		150	86		P
Lead	ug/L	86 - 113	6040		9120		500	-616		P
Nickel	ug/L	88 - 113	250		23.3		250	91		P
Silver	ug/L	84 - 115	10.1		5.00	U	37.5	27	N	P
Zinc	ug/L	87 - 115	488		421		100	67		P

Metals
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POST DIGEST SPIKE SUMMARY

Client: <u>VERINA CONSULTING GROUP, LLC</u>	SDG No.: <u>Q3785</u>	
Contract: <u>VERI01</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Water</u>	Level: <u>LOW</u>	Client ID: <u>MC0KG1A</u>
Sample ID: <u>Q3765-05</u>	Spiked ID: <u>Q3765-05A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	88 - 113	449		363		100	86	N	P
Silver	ug/L	84 - 115	32.4		5.00	U	37.5	86		P

A

B

C

D

E

F

G

H

I

J

Metals

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DUPLICATE SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC **Level:** LOW **SDG No.:** Q3785
Contract: VERI01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3765-05 **Client ID:** MC0KG1DUP
Percent Solids for Sample: NA **Duplicate ID** Q3765-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	363		369		2		P
Chromium	ug/L	20	6.20		6.08		2		P
Copper	ug/L	20	101		102		1		P
Lead	ug/L	20	9120		9260		2		P
Nickel	ug/L	20	23.3		24.0		3		P
Silver	ug/L	20	5.00	U	5.00	U			P
Zinc	ug/L	20	421		415		1		P

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

Metals

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DUPLICATE SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC **Level:** LOW **SDG No.:** Q3785
Contract: VERI01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3765-06 **Client ID:** MC0KG1MSD
Percent Solids for Sample: NA **Duplicate ID** Q3765-07 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	405		387		5		P
Chromium	ug/L	20	197		221		11		P
Copper	ug/L	20	238		230		3		P
Lead	ug/L	20	6310		6040		4		P
Nickel	ug/L	20	245		250		2		P
Silver	ug/L	20	9.14		10.1		10		P
Zinc	ug/L	20	516		488		6		P

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

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170841BS							
Cadmium	ug/L	100	102		102	88 - 113	P
Chromium	ug/L	200	201		100	90 - 113	P
Copper	ug/L	150	160		107	86 - 114	P
Lead	ug/L	500	501		100	86 - 113	P
Nickel	ug/L	250	256		102	88 - 113	P
Silver	ug/L	37.5	37.7		100	84 - 115	P
Zinc	ug/L	100	109		109	87 - 115	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

MC0KG1L

Lab Name: Alliance **Contract:** VERI01
Lab Code: ACE **Lb No.:** lb138174 **Lab Sample ID :** Q3765-05L **SDG No.:** Q3785
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence		Q	M
Cadmium	363		379		5			P
Chromium	6.20		5.68	J	9			P
Copper	101		103		1			P
Lead	9120		9380		3			P
Nickel	23.3		24.9	J	7			P
Silver	5.00	U	25.0	U				P
Zinc	421		417		1			P

metals
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ANALYSIS RUN LOG

Client: VERINA CONSULTING GROUP, LLC

Contract: VERI01

Lab code: ACE

Sdg no.: Q3785

Instrument id number:

Method:

Run number: LB138174

Start date: 12/09/2025

End date: 12/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1138	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S1	S1	1	1143	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S2	S2	1	1147	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S3	S3	1	1151	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S4	S4	1	1155	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S5	S5	1	1159	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICV01	ICV01	1	1215	Ag,Cd,Cr,Cu,Ni,Pb,Zn
LLICV01	LLICV01	1	1219	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICB01	ICB01	1	1224	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CRI01	CRI01	1	1228	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSA01	ICSA01	1	1232	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSAB01	ICSAB01	1	1237	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV01	CCV01	1	1249	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB01	CCB01	1	1253	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV02	CCV02	1	1341	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB02	CCB02	1	1345	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV03	CCV03	1	1509	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB03	CCB03	1	1513	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV04	CCV04	1	1600	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB04	CCB04	1	1604	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV05	CCV05	1	1650	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB05	CCB05	1	1654	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV06	CCV06	1	1741	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB06	CCB06	1	1745	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV07	CCV07	1	1831	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB07	CCB07	1	1836	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q3765-05DUP	MC0KG1DUP	1	1844	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q3765-05L	MC0KG1L	5	1848	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q3765-06	MC0KG1MS	1	1852	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q3765-07	MC0KG1MSD	1	1856	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q3765-05A	MC0KG1A	1	1901	Ag,Cd
CCV08	CCV08	1	1930	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB08	CCB08	1	1934	Ag,Cd,Cr,Cu,Ni,Pb,Zn
Q3785-04	WATER-TREATMENT DISCH	1	1956	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV09	CCV09	1	2037	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB09	CCB09	1	2041	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV10	CCV10	1	2127	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB10	CCB10	1	2131	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV11	CCV11	1	2217	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB11	CCB11	1	2222	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV12	CCV12	1	2320	Ag,Cd,Cr,Cu,Ni,Pb,Zn

metals
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ANALYSIS RUN LOG

Client: VERINA CONSULTING GROUP, LLC

Contract: VERI01

Lab code: ACE

Sdg no.: Q3785

Instrument id number: _____

Method: _____

Run number: LB138174

Start date: 12/09/2025

End date: 12/09/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB12	CCB12	1	2325	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV13	CCV13	1	2341	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB13	CCB13	1	2345	Ag,Cd,Cr,Cu,Ni,Pb,Zn

metals
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ANALYSIS RUN LOG

Client: VERINA CONSULTING GROUP, LLC

Contract: VERI01

Lab code: ACE

Sdg no.: Q3785

Instrument id number:

Method:

Run number: LB138198

Start date: 12/11/2025

End date: 12/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1104	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S1	S1	1	1109	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S2	S2	1	1113	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S3	S3	1	1117	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S4	S4	1	1121	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S5	S5	1	1126	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICV01	ICV01	1	1130	Ag,Cd,Cr,Cu,Ni,Pb,Zn
LLICV01	LLICV01	1	1141	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICB01	ICB01	1	1146	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CRI01	CRI01	1	1150	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSA01	ICSA01	1	1154	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSAB01	ICSAB01	1	1159	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV01	CCV01	1	1214	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB01	CCB01	1	1218	Ag,Cd,Cr,Cu,Ni,Pb,Zn
PB170841BL	PB170841BL	1	1231	Ag,Cd,Cr,Cu,Ni,Pb,Zn
PB170841BS	PB170841BS	1	1235	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV02	CCV02	1	1304	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB02	CCB02	1	1308	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV03	CCV03	1	1355	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB03	CCB03	1	1359	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV04	CCV04	1	1459	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB04	CCB04	1	1504	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV05	CCV05	1	1550	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB05	CCB05	1	1554	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV06	CCV06	1	1640	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB06	CCB06	1	1644	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV07	CCV07	1	1753	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB07	CCB07	1	1757	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV08	CCV08	1	1848	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB08	CCB08	1	1852	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV09	CCV09	1	1941	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB09	CCB09	1	1945	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV10	CCV10	1	2033	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB10	CCB10	1	2037	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV11	CCV11	1	2055	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB11	CCB11	1	2059	Ag,Cd,Cr,Cu,Ni,Pb,Zn



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

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
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Contract: VERI01

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q3785	OrderDate:	12/4/2025 2:56:00 PM
Client:	VERINA CONSULTING GROUP, LLC	Project:	Rotor Clip NJ WTD - 2025
Contact:	Michael Valenzi	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3785-04	WATER-TREATMENT DISCHARGE	Water	Metals Group5	6010D	12/04/25	12/05/25	12/09/25	12/04/25



METAL PREPARATION & ANALYICAL SUMMARY

Metals
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SAMPLE PREPARATION SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q3785
Contract: VERI01 **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: PB170841							
PB170841BL	PB170841BL	MB	WATER	12/05/2025	50.0	25.0	
PB170841BS	PB170841BS	LCS	WATER	12/05/2025	50.0	25.0	
Q3765-05DUP	MC0KG1DUP	DUP	WATER	12/05/2025	50.0	25.0	
Q3765-06	MC0KG1MS	MS	WATER	12/05/2025	50.0	25.0	
Q3765-07	MC0KG1MSD	MSD	WATER	12/05/2025	50.0	25.0	
Q3785-04	WATER-TREATMENT DISCHARGE	SAM	WATER	12/05/2025	50.0	25.0	

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138174

Review By	jaswal	Review On	12/10/2025 1:30:05 PM
Supervise By	mohan	Supervise On	12/11/2025 9:29:41 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/09/25 11:38		Jaswal	OK
2	S1	S1	CAL2	12/09/25 11:43		Jaswal	OK
3	S2	S2	CAL3	12/09/25 11:47		Jaswal	OK
4	S3	S3	CAL4	12/09/25 11:51		Jaswal	OK
5	S4	S4	CAL5	12/09/25 11:55		Jaswal	OK
6	S5	S5	CAL6	12/09/25 11:59		Jaswal	OK
7	ICV01	ICV01	ICV	12/09/25 12:15		Jaswal	OK
8	LLICV01	LLICV01	LLICV	12/09/25 12:19		Jaswal	OK
9	ICB01	ICB01	ICB	12/09/25 12:24		Jaswal	OK
10	CRI01	CRI01	CRDL	12/09/25 12:28		Jaswal	OK
11	ICSA01	ICSA01	ICSA	12/09/25 12:32		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	12/09/25 12:37		Jaswal	OK
13	ICSADL	ICSADL	ICSA	12/09/25 12:41		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	12/09/25 12:45		Jaswal	OK
15	CCV01	CCV01	CCV	12/09/25 12:49		Jaswal	OK
16	CCB01	CCB01	CCB	12/09/25 12:53		Jaswal	OK
17	PB170843BL	PB170843BL	MB	12/09/25 12:58		Jaswal	OK
18	PB170843BS	PB170843BS	LCS	12/09/25 13:02		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138174

Review By	jaswal	Review On	12/10/2025 1:30:05 PM
Supervise By	mohan	Supervise On	12/11/2025 9:29:41 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

19	Q3781-01	OK-1242025-1	SAM	12/09/25 13:06		Jaswal	OK
20	Q3782-01	RT857	SAM	12/09/25 13:10		Jaswal	OK
21	Q3782-02	RT3449	SAM	12/09/25 13:15		Jaswal	OK
22	Q3782-03	RBR251673	SAM	12/09/25 13:19		Jaswal	OK
23	Q3782-03DUP	RBR251673DUP	DUP	12/09/25 13:23	Ca high	Jaswal	Dilution
24	Q3782-03L	RBR251673L	SD	12/09/25 13:28		Jaswal	OK
25	Q3782-03MS	RBR251673MS	MS	12/09/25 13:32	Ca high	Jaswal	Dilution
26	Q3782-03MSD	RBR251673MSD	MSD	12/09/25 13:36	Ca high	Jaswal	Dilution
27	CCV02	CCV02	CCV	12/09/25 13:41		Jaswal	OK
28	CCB02	CCB02	CCB	12/09/25 13:45		Jaswal	OK
29	LR-1	LR-1	HIGH STD	12/09/25 14:16		Jaswal	OK
30	LR-2	LR-2	HIGH STD	12/09/25 14:21		Jaswal	OK
31	LR-3	LR-3	HIGH STD	12/09/25 14:26		Jaswal	OK
32	Q3782-03A	RBR251673A	PS	12/09/25 14:39	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
33	Q3779-01	OILY STONE DRUM	SAM	12/09/25 14:43		Jaswal	OK
34	Q3780-01	PLASTIC SHEETING	SAM	12/09/25 14:48		Jaswal	OK
35	PB170827BL	PB170827BL	MB	12/09/25 14:52		Jaswal	OK
36	PB170827BS	PB170827BS	LCS	12/09/25 14:56		Jaswal	OK
37	Q3764-01	MC0KD3	SAM	12/09/25 15:00		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138174

Review By	jaswal	Review On	12/10/2025 1:30:05 PM
Supervise By	mohan	Supervise On	12/11/2025 9:29:41 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

38	Q3764-02	MC0KD4	SAM	12/09/25 15:04		Jaswal	OK
39	CCV03	CCV03	CCV	12/09/25 15:09		Jaswal	OK
40	CCB03	CCB03	CCB	12/09/25 15:13		Jaswal	OK
41	Q3764-03	MC0KD5	SAM	12/09/25 15:17		Jaswal	OK
42	Q3764-04	MC0KD6	SAM	12/09/25 15:22		Jaswal	OK
43	Q3764-05	MC0KD8	SAM	12/09/25 15:26		Jaswal	OK
44	Q3764-06	MC0KD9	SAM	12/09/25 15:30		Jaswal	OK
45	Q3764-07	MC0KE0	SAM	12/09/25 15:34		Jaswal	OK
46	Q3764-08	MC0KE1	SAM	12/09/25 15:39		Jaswal	OK
47	Q3764-09	MC0KE2	SAM	12/09/25 15:43		Jaswal	OK
48	Q3764-10	MC0KE4	SAM	12/09/25 15:47		Jaswal	OK
49	Q3764-10DUP	MC0KE4DUP	DUP	12/09/25 15:51		Jaswal	OK
50	Q3764-10L	MC0KE4L	SD	12/09/25 15:56		Jaswal	OK
51	CCV04	CCV04	CCV	12/09/25 16:00		Jaswal	OK
52	CCB04	CCB04	CCB	12/09/25 16:04		Jaswal	OK
53	Q3764-11	MC0KE4MS	MS	12/09/25 16:08		Jaswal	OK
54	Q3764-12	MC0KE4MSD	MSD	12/09/25 16:12		Jaswal	OK
55	Q3764-10A	MC0KE4A	PS	12/09/25 16:16	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
56	Q3764-13	MC0KF2	SAM	12/09/25 16:21		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138174

Review By	jaswal	Review On	12/10/2025 1:30:05 PM
Supervise By	mohan	Supervise On	12/11/2025 9:29:41 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

57	Q3764-14	MC0KF4	SAM	12/09/25 16:25		Jaswal	OK
58	PB170820BL	PB170820BL	MB	12/09/25 16:29		Jaswal	OK
59	PB170820BS	PB170820BS	LCS	12/09/25 16:33		Jaswal	OK
60	Q3763-01	MC0KC9	SAM	12/09/25 16:37		Jaswal	OK
61	Q3763-02	MC0KD0	SAM	12/09/25 16:42		Jaswal	OK
62	Q3763-03	MC0KD1	SAM	12/09/25 16:46		Jaswal	OK
63	CCV05	CCV05	CCV	12/09/25 16:50		Jaswal	OK
64	CCB05	CCB05	CCB	12/09/25 16:54		Jaswal	OK
65	Q3763-04	MC0KD2	SAM	12/09/25 16:59		Jaswal	OK
66	Q3763-05	MC0KD7	SAM	12/09/25 17:03		Jaswal	OK
67	Q3763-06	MC0KE5	SAM	12/09/25 17:07		Jaswal	OK
68	Q3763-07	MC0KE6	SAM	12/09/25 17:11		Jaswal	OK
69	Q3763-08	MC0KE7	SAM	12/09/25 17:16		Jaswal	OK
70	Q3763-09	MC0KE8	SAM	12/09/25 17:20		Jaswal	OK
71	Q3763-10	MC0KE9	SAM	12/09/25 17:24		Jaswal	OK
72	Q3763-11	MC0KF1	SAM	12/09/25 17:28		Jaswal	OK
73	Q3763-11DUP	MC0KF1DUP	DUP	12/09/25 17:33		Jaswal	OK
74	Q3763-11L	MC0KF1L	SD	12/09/25 17:37		Jaswal	OK
75	CCV06	CCV06	CCV	12/09/25 17:41		Jaswal	OK
76	CCB06	CCB06	CCB	12/09/25 17:45		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138174

Review By	jaswal	Review On	12/10/2025 1:30:05 PM
Supervise By	mohan	Supervise On	12/11/2025 9:29:41 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

77	Q3763-12	MC0KF1MS	MS	12/09/25 17:50		Jaswal	OK
78	Q3763-13	MC0KF1MSD	MSD	12/09/25 17:54		Jaswal	OK
79	Q3763-11A	MC0KF1A	PS	12/09/25 17:58	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
80	Q3763-14	MC0KF3	SAM	12/09/25 18:02		Jaswal	OK
81	Q3765-01	MC0KF5	SAM	12/09/25 18:14		Jaswal	OK
82	Q3765-02	MC0KF7	SAM	12/09/25 18:19		Jaswal	OK
83	Q3765-03	MC0KF9	SAM	12/09/25 18:23		Jaswal	OK
84	Q3765-04	MC0KG0	SAM	12/09/25 18:27		Jaswal	OK
85	CCV07	CCV07	CCV	12/09/25 18:31		Jaswal	OK
86	CCB07	CCB07	CCB	12/09/25 18:36		Jaswal	OK
87	Q3765-05	MC0KG1	SAM	12/09/25 18:40		Jaswal	OK
88	Q3765-05DUP	MC0KG1DUP	DUP	12/09/25 18:44		Jaswal	OK
89	Q3765-05L	MC0KG1L	SD	12/09/25 18:48		Jaswal	OK
90	Q3765-06	MC0KG1MS	MS	12/09/25 18:52		Jaswal	OK
91	Q3765-07	MC0KG1MSD	MSD	12/09/25 18:56		Jaswal	OK
92	Q3765-05A	MC0KG1A	PS	12/09/25 19:01	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
93	Q3765-08	MC0KG2	SAM	12/09/25 19:05		Jaswal	OK
94	Q3765-09	MC0KG3	SAM	12/09/25 19:09		Jaswal	OK
95	Q3765-10	MC0KG4	SAM	12/09/25 19:13		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138174

Review By	jaswal	Review On	12/10/2025 1:30:05 PM
Supervise By	mohan	Supervise On	12/11/2025 9:29:41 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

96	Q3765-11	MC0KG5	SAM	12/09/25 19:17		Jaswal	OK
97	CCV08	CCV08	CCV	12/09/25 19:30		Jaswal	OK
98	CCB08	CCB08	CCB	12/09/25 19:34		Jaswal	OK
99	Q3765-12	MC0KG6	SAM	12/09/25 19:38		Jaswal	OK
100	Q3765-13	MC0KG7	SAM	12/09/25 19:43		Jaswal	OK
101	Q3765-14	MC0KG8	SAM	12/09/25 19:47		Jaswal	OK
102	Q3776-01	IDW-RAD-20251203	SAM	12/09/25 19:51		Jaswal	OK
103	Q3785-04	WATER-TREATMENT	SAM	12/09/25 19:56		Jaswal	OK
104	PB170842BL	PB170842BL	MB	12/09/25 20:00		Jaswal	OK
105	PB170842BS	PB170842BS	LCS	12/09/25 20:04		Jaswal	OK
106	Q3766-01	MC0KG9	SAM	12/09/25 20:08		Jaswal	OK
107	Q3766-02	MC0KH0	SAM	12/09/25 20:12		Jaswal	OK
108	Q3766-03	MC0KH1	SAM	12/09/25 20:17		Jaswal	OK
109	CCV09	CCV09	CCV	12/09/25 20:37		Jaswal	OK
110	CCB09	CCB09	CCB	12/09/25 20:41		Jaswal	OK
111	Q3766-04	MC0KH2	SAM	12/09/25 20:45		Jaswal	OK
112	Q3766-05	MC0KH3	SAM	12/09/25 20:49		Jaswal	OK
113	Q3766-06	MC0KH4	SAM	12/09/25 20:54		Jaswal	OK
114	Q3766-07	MC0KH5	SAM	12/09/25 20:58		Jaswal	OK
115	Q3766-08	MC0KH6	SAM	12/09/25 21:02		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138174

Review By	jaswal	Review On	12/10/2025 1:30:05 PM
Supervise By	mohan	Supervise On	12/11/2025 9:29:41 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

116	Q3766-09	MC0KH7	SAM	12/09/25 21:06		Jaswal	OK
117	Q3766-09DUP	MC0KH7DUP	DUP	12/09/25 21:11		Jaswal	OK
118	Q3766-09L	MC0KH7L	SD	12/09/25 21:15		Jaswal	OK
119	Q3766-10	MC0KH7MS	MS	12/09/25 21:19		Jaswal	OK
120	Q3766-11	MC0KH7MSD	MSD	12/09/25 21:23		Jaswal	OK
121	CCV10	CCV10	CCV	12/09/25 21:27		Jaswal	OK
122	CCB10	CCB10	CCB	12/09/25 21:31		Jaswal	OK
123	Q3766-09A	MC0KH7A	PS	12/09/25 21:36	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
124	Q3766-12	MC0KH8	SAM	12/09/25 21:40		Jaswal	OK
125	Q3766-13	MC0KH9	SAM	12/09/25 21:44		Jaswal	OK
126	Q3766-14	MC0KJ0	SAM	12/09/25 21:48		Jaswal	OK
127	PB170856BL	PB170856BL	MB	12/09/25 21:53		Jaswal	OK
128	PB170856BS	PB170856BS	LCS	12/09/25 21:57		Jaswal	OK
129	Q3790-01	304 FURMAN SOIL	SAM	12/09/25 22:01		Jaswal	OK
130	Q3795-01	72-11966	SAM	12/09/25 22:05		Jaswal	OK
131	Q3795-01DUP	72-11966DUP	DUP	12/09/25 22:09		Jaswal	OK
132	Q3795-01L	72-11966L	SD	12/09/25 22:13		Jaswal	OK
133	CCV11	CCV11	CCV	12/09/25 22:17		Jaswal	OK
134	CCB11	CCB11	CCB	12/09/25 22:22		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138174

Review By	jaswal	Review On	12/10/2025 1:30:05 PM
Supervise By	mohan	Supervise On	12/11/2025 9:29:41 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

135	Q3795-01MS	72-11966MS	MS	12/09/25 22:26		Jaswal	OK
136	Q3795-01MSD	72-11966MSD	MSD	12/09/25 22:30		Jaswal	OK
137	Q3795-01A	72-11966A	PS	12/09/25 22:34	0.1ML M6008,M6017-10ML SAMPLE	Jaswal	OK
138	Q3795-05	RBR 200059	SAM	12/09/25 22:38		Jaswal	OK
139	Q3800-01	ETGI-288	SAM	12/09/25 22:42		Jaswal	OK
140	Q3800-02	COMP#1	SAM	12/09/25 22:47		Jaswal	OK
141	Q3800-03	COMP#2	SAM	12/09/25 22:51		Jaswal	OK
142	Q3801-01	SOIL#1	SAM	12/09/25 22:55		Jaswal	OK
143	Q3801-06	SOIL#2	SAM	12/09/25 23:00		Jaswal	OK
144	Q3806-01	TR-01-12-5-2025	SAM	12/09/25 23:04		Jaswal	OK
145	CCV12	CCV12	CCV	12/09/25 23:20		Jaswal	OK
146	CCB12	CCB12	CCB	12/09/25 23:25		Jaswal	OK
147	Q3806-03	TR-01-12-5-2025	SAM	12/09/25 23:29		Jaswal	OK
148	Q3806-04	TR-05-12-5-2025	SAM	12/09/25 23:33		Jaswal	OK
149	Q3806-06	TR-05-12-5-2025	SAM	12/09/25 23:37		Jaswal	OK
150	CCV13	CCV13	CCV	12/09/25 23:41		Jaswal	OK
151	CCB13	CCB13	CCB	12/09/25 23:45		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138198

Review By	jaswal	Review On	12/13/2025 12:33:05 AM
Supervise By	mohan	Supervise On	12/15/2025 11:31:05 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/11/25 11:04		Jaswal	OK
2	S1	S1	CAL2	12/11/25 11:09		Jaswal	OK
3	S2	S2	CAL3	12/11/25 11:13		Jaswal	OK
4	S3	S3	CAL4	12/11/25 11:17		Jaswal	OK
5	S4	S4	CAL5	12/11/25 11:21		Jaswal	OK
6	S5	S5	CAL6	12/11/25 11:26		Jaswal	OK
7	ICV01	ICV01	ICV	12/11/25 11:30		Jaswal	OK
8	LLICV01	LLICV01	LLICV	12/11/25 11:41		Jaswal	OK
9	ICB01	ICB01	ICB	12/11/25 11:46		Jaswal	OK
10	CRI01	CRI01	CRDL	12/11/25 11:50		Jaswal	OK
11	ICSA01	ICSA01	ICSA	12/11/25 11:54		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	12/11/25 11:59		Jaswal	OK
13	ICSADL	ICSADL	ICSA	12/11/25 12:05		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	12/11/25 12:09		Jaswal	OK
15	CCV01	CCV01	CCV	12/11/25 12:14		Jaswal	OK
16	CCB01	CCB01	CCB	12/11/25 12:18		Jaswal	OK
17	Q3780-02	PLASTIC SHEETING	SAM	12/11/25 12:22		Jaswal	OK
18	Q3792-01	FRAC TANK#251193	SAM	12/11/25 12:27		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138198

Review By	jaswal	Review On	12/13/2025 12:33:05 AM
Supervise By	mohan	Supervise On	12/15/2025 11:31:05 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

19	PB170841BL	PB170841BL	MB	12/11/25 12:31		Jaswal	OK
20	PB170841BS	PB170841BS	LCS	12/11/25 12:35		Jaswal	OK
21	Q3796-03	Outfall 003	SAM	12/11/25 12:39		Jaswal	OK
22	Q3796-03DUP	Outfall 003DUP	DUP	12/11/25 12:43		Jaswal	OK
23	Q3796-03L	Outfall 003L	SD	12/11/25 12:48		Jaswal	OK
24	Q3796-03MS	Outfall 003MS	MS	12/11/25 12:52		Jaswal	OK
25	Q3796-03MSD	Outfall 003MSD	MSD	12/11/25 12:56		Jaswal	OK
26	Q3796-03A	Outfall 003A	PS	12/11/25 13:00		Jaswal	OK
27	CCV02	CCV02	CCV	12/11/25 13:04		Jaswal	OK
28	CCB02	CCB02	CCB	12/11/25 13:08		Jaswal	OK
29	Q3796-01	Outfall 001	SAM	12/11/25 13:12		Jaswal	OK
30	Q3796-02	Outfall 002	SAM	12/11/25 13:17		Jaswal	OK
31	PB170849BL	PB170849BL	MB	12/11/25 13:21		Jaswal	OK
32	PB170849BS	PB170849BS	LCS	12/11/25 13:25		Jaswal	OK
33	PB170889BL	PB170889BL	MB	12/11/25 13:30		Jaswal	OK
34	PB170889BS	PB170889BS	LCS	12/11/25 13:34		Jaswal	OK
35	Q3814-01	TP-5	SAM	12/11/25 13:38		Jaswal	OK
36	Q3814-03	TP-6	SAM	12/11/25 13:42		Jaswal	OK
37	Q3814-05	TP-7	SAM	12/11/25 13:46		Jaswal	OK
38	Q3814-07	TP-8	SAM	12/11/25 13:51		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138198

Review By	jaswal	Review On	12/13/2025 12:33:05 AM
Supervise By	mohan	Supervise On	12/15/2025 11:31:05 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

39	CCV03	CCV03	CCV	12/11/25 13:55		Jaswal	OK
40	CCB03	CCB03	CCB	12/11/25 13:59		Jaswal	OK
41	Q3814-09	TP-9	SAM	12/11/25 14:03		Jaswal	OK
42	Q3814-11	TP-12	SAM	12/11/25 14:07		Jaswal	OK
43	Q3814-13	TP-10	SAM	12/11/25 14:11	Mn is high, need dilution	Jaswal	Dilution
44	Q3814-15	TP-4	SAM	12/11/25 14:16		Jaswal	OK
45	Q3782-03	RBR251673	SAM	12/11/25 14:20		Jaswal	OK
46	Q3782-03L	RBR251673L	SD	12/11/25 14:29	Ca is high, need dilution	Jaswal	Dilution
47	Q3782-03A	RBR251673A	PS	12/11/25 14:37	Ca is high, need dilution	Jaswal	Dilution
48	Q3782-03MS	RBR251673MS	MS	12/11/25 14:46	Ca is high, need dilution	Jaswal	Dilution
49	Q3782-03DUP	RBR251673DUP	DUP	12/11/25 14:50	Ca is high, need dilution	Jaswal	Dilution
50	Q3782-03MSD	RBR251673MSD	MSD	12/11/25 14:55	Ca is high, need dilution	Jaswal	Dilution
51	CCV04	CCV04	CCV	12/11/25 14:59		Jaswal	OK
52	CCB04	CCB04	CCB	12/11/25 15:04		Jaswal	OK
53	Q3826-09	TP-1	SAM	12/11/25 15:08		Jaswal	OK
54	Q3826-11	TP-2	SAM	12/11/25 15:12		Jaswal	OK
55	Q3826-13	TP-3	SAM	12/11/25 15:16		Jaswal	OK
56	LR-1	LR-1	HIGH STD	12/11/25 15:20		Jaswal	OK
57	LR-2	LR-2	HIGH STD	12/11/25 15:25		Jaswal	OK
58	LR-3	LR-3	HIGH STD	12/11/25 15:29		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138198

Review By	jaswal	Review On	12/13/2025 12:33:05 AM
Supervise By	mohan	Supervise On	12/15/2025 11:31:05 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

59	Q3827-01	RT4262	SAM	12/11/25 15:34		Jaswal	OK
60	Q3827-01DUP	RT4262DUP	DUP	12/11/25 15:38		Jaswal	OK
61	Q3827-01L	RT4262L	SD	12/11/25 15:42		Jaswal	OK
62	Q3827-01MS	RT4262MS	MS	12/11/25 15:46		Jaswal	OK
63	CCV05	CCV05	CCV	12/11/25 15:50		Jaswal	OK
64	CCB05	CCB05	CCB	12/11/25 15:54		Jaswal	OK
65	Q3827-01MSD	RT4262MSD	MSD	12/11/25 15:59		Jaswal	OK
66	Q3827-01A	RT4262A	PS	12/11/25 16:03		Jaswal	OK
67	Q3815-01	RE	SAM	12/11/25 16:07		Jaswal	OK
68	Q3821-01	TP-A-B	SAM	12/11/25 16:11		Jaswal	OK
69	Q3826-01	TP-13	SAM	12/11/25 16:15		Jaswal	OK
70	Q3826-03	TP-14	SAM	12/11/25 16:19		Jaswal	OK
71	Q3826-05	TP-15	SAM	12/11/25 16:23		Jaswal	OK
72	Q3826-07	TP-11	SAM	12/11/25 16:27		Jaswal	OK
73	Q3829-01	FED-FOOTING	SAM	12/11/25 16:31	Ca is high, need dilution	Jaswal	Dilution
74	Q3831-01	PL-01-12102025	SAM	12/11/25 16:36		Jaswal	OK
75	CCV06	CCV06	CCV	12/11/25 16:40		Jaswal	OK
76	CCB06	CCB06	CCB	12/11/25 16:44		Jaswal	OK
77	Q3782-03DL	RBR251673DL	SAM	12/11/25 16:48	Not use	Jaswal	Not Ok
78	Q3782-03DUPDL	RBR251673DUPDL	DUP	12/11/25 16:53	5X For Ca	Jaswal	Confirms

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138198

Review By	jaswal	Review On	12/13/2025 12:33:05 AM
Supervise By	mohan	Supervise On	12/15/2025 11:31:05 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

79	Q3782-03LDL	RBR251673LDL	SD	12/11/25 16:57	25X For Ca	Jaswal	Confirms
80	Q3782-03MSDL	RBR251673MSDL	MS	12/11/25 17:01	5X For Ca	Jaswal	Confirms
81	Q3782-03MSDDL	RBR251673MSDDL	MSD	12/11/25 17:06	5X For Ca	Jaswal	Confirms
82	Q3782-03ADL	RBR251673ADL	PS	12/11/25 17:10	5X For Ca	Jaswal	Confirms
83	PB170888BL	PB170888BL	MB	12/11/25 17:14		Jaswal	OK
84	PB170888BS	PB170888BS	LCS	12/11/25 17:23		Jaswal	OK
85	Q3811-01	Outfall 001	SAM	12/11/25 17:27		Jaswal	OK
86	Q3811-02	Outfall 002	SAM	12/11/25 17:32		Jaswal	OK
87	CCV07	CCV07	CCV	12/11/25 17:53		Jaswal	OK
88	CCB07	CCB07	CCB	12/11/25 17:57		Jaswal	OK
89	Q3811-03	Outfall 003	SAM	12/11/25 18:02		Jaswal	OK
90	Q3811-03DUP	Outfall 003DUP	DUP	12/11/25 18:06		Jaswal	OK
91	Q3811-03L	Outfall 003L	SD	12/11/25 18:10		Jaswal	OK
92	Q3811-03MS	Outfall 003MS	MS	12/11/25 18:14		Jaswal	OK
93	Q3811-03MSD	Outfall 003MSD	MSD	12/11/25 18:18		Jaswal	OK
94	Q3811-03A	Outfall 003A	PS	12/11/25 18:22		Jaswal	OK
95	PB170906BL	PB170906BL	MB	12/11/25 18:26		Jaswal	OK
96	PB170906BS	PB170906BS	LCS	12/11/25 18:31		Jaswal	OK
97	Q3735-04	BU-3-112625	SAM	12/11/25 18:39		Jaswal	OK
98	PB170874TB	PB170874TB	MB	12/11/25 18:44		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138198

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Supervise By	mohan	Supervise On	12/15/2025 11:31:05 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

99	CCV08	CCV08	CCV	12/11/25 18:48		Jaswal	OK
100	CCB08	CCB08	CCB	12/11/25 18:52		Jaswal	OK
101	Q3814-02	TP-5	SAM	12/11/25 18:57		Jaswal	OK
102	Q3814-04	TP-6	SAM	12/11/25 19:01		Jaswal	OK
103	Q3814-06	TP-7	SAM	12/11/25 19:06		Jaswal	OK
104	Q3814-08	TP-8	SAM	12/11/25 19:10		Jaswal	OK
105	Q3814-10	TP-9	SAM	12/11/25 19:14		Jaswal	OK
106	Q3814-12	TP-12	SAM	12/11/25 19:19		Jaswal	OK
107	Q3814-14	TP-10	SAM	12/11/25 19:23		Jaswal	OK
108	Q3814-16	TP-4	SAM	12/11/25 19:28		Jaswal	OK
109	Q3815-02	RE	SAM	12/11/25 19:32		Jaswal	OK
110	Q3821-10	TP-A-B	SAM	12/11/25 19:36		Jaswal	OK
111	CCV09	CCV09	CCV	12/11/25 19:41		Jaswal	OK
112	CCB09	CCB09	CCB	12/11/25 19:45		Jaswal	OK
113	Q3826-02	TP-13	SAM	12/11/25 19:49		Jaswal	OK
114	Q3826-04	TP-14	SAM	12/11/25 19:54		Jaswal	OK
115	Q3826-06	TP-15	SAM	12/11/25 19:58		Jaswal	OK
116	Q3826-08	TP-11	SAM	12/11/25 20:03		Jaswal	OK
117	Q3826-14	TP-3	SAM	12/11/25 20:07		Jaswal	OK
118	Q3826-14DUP	TP-3DUP	DUP	12/11/25 20:11		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB138198

Review By	jaswal	Review On	12/13/2025 12:33:05 AM
Supervise By	mohan	Supervise On	12/15/2025 11:31:05 AM
STD. NAME	STD REF.#		
ICAL Standard	MP88101,MP88123,MP88121,MP88120,MP88119,MP88118		
ICV Standard	MP88124,MP88123		
CCV Standard	MP88127		
ICSA Standard	MP88125,MP88126		
CRI Standard	MP88123		
LCS Standard			
Chk Standard	MP88128,MP88129,MP88130,MP88131,MP88132		

119	Q3826-14L	TP-3L	SD	12/11/25 20:16		Jaswal	OK
120	Q3826-14MS	TP-3MS	MS	12/11/25 20:20		Jaswal	OK
121	Q3826-14MSD	TP-3MSD	MSD	12/11/25 20:24		Jaswal	OK
122	Q3826-14A	TP-3A	PS	12/11/25 20:29		Jaswal	OK
123	CCV10	CCV10	CCV	12/11/25 20:33		Jaswal	OK
124	CCB10	CCB10	CCB	12/11/25 20:37		Jaswal	OK
125	Q3826-10	TP-1	SAM	12/11/25 20:41		Jaswal	OK
126	Q3826-12	TP-2	SAM	12/11/25 20:46		Jaswal	OK
127	Q3829-01DL	FED-FOOTINGDL	SAM	12/11/25 20:50	2X for Ca	Jaswal	Confirms
128	CCV11	CCV11	CCV	12/11/25 20:55		Jaswal	OK
129	CCB11	CCB11	CCB	12/11/25 20:59		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 BLOCK #1 2. N/A

Start Digest Date: 12/05/2025 Time : 10:40 Temp : 96 °C

End Digest Date: 12/05/2025 Time : 13:40 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *S/Sgt.*

Supervisor Signature: *Jep*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	M6201
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	M6187
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
12/05/25 14:40	<i>S/Sgt metdig</i>	<i>Jep Metlab</i>
	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
PB170841BL	PBW841	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB170841BS	LCS841	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	2
Q3765-01	MC0KF5	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q3765-02	MC0KF7	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3765-03	MC0KF9	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q3765-04	MC0KG0	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q3765-05	MC0KG1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q3765-05DUP	MC0KG1DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q3765-06	MC0KG1MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	9
Q3765-07	MC0KG1MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	10
Q3765-08	MC0KG2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	11
Q3765-09	MC0KG3	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	12
Q3765-10	MC0KG4	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	13
Q3765-11	MC0KG5	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	14
Q3765-12	MC0KG6	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	15
Q3765-13	MC0KG7	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	16
Q3765-14	MC0KG8	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	17
Q3776-01	IDW-RAD-20251203	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	18
Q3785-04	WATER-TREATMEN DISCHARGE	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	19



SAMPLE DATA

Report of Analysis

Client: VERINA CONSULTING GROUP, LLC
Project: Rotor Clip NJ WTD - 2025
Client Sample ID: WATER-TREATMENT DISCHARGE
Lab Sample ID: Q3785-01

Date Collected: 12/04/25 11:00
Date Received: 12/04/25
SDG No.: Q3785
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.00096	U	1	0.00096	0.0050	mg/L	12/08/25 08:50	12/08/25 12:55	9012B
Oil and Grease	3.30	J	1	0.29	5.00	mg/L		12/08/25 12:37	1664A

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: VERINA CONSULTING GROUP, LLC
Project: Rotor Clip NJ WTD - 2025
Client Sample ID: WATER-TREATMENT DISCHARGE
Lab Sample ID: Q3785-04

Date Collected: 12/04/25 11:05
Date Received: 12/04/25
SDG No.: Q3785
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	0.037	J	1	0.030	0.10	mg/L	12/04/25 15:25	12/05/25 11:40	SM 4500-NH3 B plus G-21
BOD5	0.20	U	1	0.20	2.00	mg/L		12/05/25 17:00	SM 5210 B-16
COD	1.50	U	1	1.50	10.0	mg/L		12/05/25 12:50	SM 5220 D-11
Residual Chlorine	0.65	H	1	0.023	0.10	mg/L		12/04/25 17:32	SM 4500-Cl G-11
TSS	1.00	U	1	1.00	4.00	mg/L		12/04/25 16:00	SM 2540 D-20

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: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB138119

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Residual Chlorine	mg/L	0.386	0.4	96	90-110	12/04/2025
Sample ID: CCV1 Residual Chlorine	mg/L	0.397	0.4	99	90-110	12/04/2025
Sample ID: CCV2 Residual Chlorine	mg/L	0.386	0.4	96	90-110	12/04/2025

Initial and Continuing Calibration Verification

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB138124

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV COD	mg/L	50.173	50	100	95-105	09/08/2025
Sample ID: CCV1 COD	mg/L	48.150	50	96	95-105	12/05/2025
Sample ID: CCV2 COD	mg/L	48.150	50	96	95-105	12/05/2025
Sample ID: CCV3 COD	mg/L	49.161	50	98	95-105	12/05/2025

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Initial and Continuing Calibration Verification

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB138125

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	1	1	100	90-110	12/05/2025
Sample ID: CCV1 Ammonia as N	mg/L	1	1	100	90-110	12/05/2025
Sample ID: CCV2 Ammonia as N	mg/L	1	1	100	90-110	12/05/2025
Sample ID: CCV3 Ammonia as N	mg/L	1	1	100	90-110	12/05/2025
Sample ID: CCV4 Ammonia as N	mg/L	1	1	100	90-110	12/05/2025

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Initial and Continuing Calibration Verification

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB138153

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Cyanide	mg/L	0.098	0.099	99	90-110	12/08/2025
Sample ID: CCV1 Cyanide	mg/L	0.25	0.25	100	90-110	12/08/2025
Sample ID: CCV2 Cyanide	mg/L	0.25	0.25	100	90-110	12/08/2025
Sample ID: CCV3 Cyanide	mg/L	0.26	0.25	104	90-110	12/08/2025

Initial and Continuing Calibration Blank Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB138119

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	12/04/2025
Sample ID: CCB1 Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	12/04/2025
Sample ID: CCB2 Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	12/04/2025

Initial and Continuing Calibration Blank Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB138124

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB COD	mg/L	< 5.0000	5.0000	U	1.50	10	09/08/2025
Sample ID: CCB1 COD	mg/L	< 5.0000	5.0000	U	1.50	10	12/05/2025
Sample ID: CCB2 COD	mg/L	< 5.0000	5.0000	U	1.50	10	12/05/2025
Sample ID: CCB3 COD	mg/L	< 5.0000	5.0000	U	1.50	10	12/05/2025

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Initial and Continuing Calibration Blank Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB138125

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	12/05/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	12/05/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	12/05/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	12/05/2025
Sample ID: CCB4 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	12/05/2025

Initial and Continuing Calibration Blank Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB138153

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	12/08/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	12/08/2025
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	12/08/2025
Sample ID: CCB3 Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	12/08/2025

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Preparation Blank Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Project: Rotor Clip NJ WTD - 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB138118BL TSS	mg/L	1	2.0000	J	1	4	12/04/2025
Sample ID: LB138119BL Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	12/04/2025
Sample ID: LB138124BL COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	12/05/2025
Sample ID: LB138133BL BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	12/05/2025
Sample ID: LB138150BL Oil and Grease	mg/L	< 2.5000	2.5000	U	0.29	5.0	12/08/2025
Sample ID: PB170830BL Ammonia as N	mg/L	< 0.0500	0.0500	U	0.03	0.1	12/05/2025
Sample ID: PB170853BL Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	12/08/2025

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q3785

Project: Rotor Clip NJ WTD - 2025

Sample ID: Q3760-01

Client ID: 001 Willets Pt Blvd (Dec)MS

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
Ammonia as N	mg/L	75-125	3.90	OR	2.90	OR	1	1	100		12/05/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3760-01
Client ID:	001 Willets Pt Blvd (Dec)MSD	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
Ammonia as N	mg/L	75-125	4.00	OR	2.90	OR	1	1	110		12/05/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3772-01
Client ID:	EFFLUENTMS	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
Oil and Grease	mg/L	78-114	31.1		10.2		20.0	1	105		12/08/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3772-01
Client ID:	EFFLUENTMSD	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
Oil and Grease	mg/L	78-114	30.9		10.2		20.0	1	104		12/08/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3785-01
Client ID:	WATER-TREATMENT DISCHARGEMS	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
Cyanide	mg/L	75-125	0.039		0.00096	U	0.04	1	98		12/08/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3785-01
Client ID:	WATER-TREATMENT DISCHARGEMSD	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
Cyanide	mg/L	75-125	0.039		0.00096	U	0.04	1	98		12/08/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3785-01
Client ID:	WATER-TREATMEN DISCHARGEMS	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
Oil and Grease	mg/L	78-114	23.8		3.30	J	20.0	1	103		12/08/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3785-01
Client ID:	WATER-TREATMEN DISCHARGEMSD	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
Oil and Grease	mg/L	78-114	24.1		3.30	J	20.0	1	104		12/08/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3785-04
Client ID:	WATER-TREATMENT DISCHARGEMS	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
COD	mg/L	75-125	48.2		1.50	U	50.0	1	96		12/05/2025
Residual Chlorine	mg/L	71-148	1.01		0.65		0.4	1	91		12/04/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3785-04
Client ID:	WATER-TREATMENT DISCHARGEMSD	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
COD	mg/L	75-125	47.1		1.50	U	50.0	1	94		12/05/2025
Residual Chlorine	mg/L	71-148	1.02		0.65		0.4	1	93		12/04/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3793-01
Client ID:	Q3793-01MS	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
Oil and Grease	mg/L	78-114	397		377		20.0	1	103		12/08/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3793-01
Client ID:	Q3793-01MSD	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
Oil and Grease	mg/L	78-114	398		377		20.0	1	107		12/08/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3760-01
Client ID:	001 Willets Pt Blvd (Dec)DUP	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
Ammonia as N	mg/L	+/-20	2.90	OR	2.90	OR	1	0		12/05/2025
Ammonia as N	mg/L	+/-20	2.70	D	2.70	D	2	0		12/05/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3760-01
Client ID:	001 Willets Pt Blvd (Dec)MSD	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
Ammonia as N	mg/L	+/-20	3.90	OR	4.00	OR	1	3		12/05/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3760-02
Client ID:	002 35th Ave (Dec)DUP	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
TSS	mg/L	+/-5	131		133		1	1.51		12/04/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3772-01
Client ID:	EFFLUENTMSD	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
Oil and Grease	mg/L	+/-18	31.1		30.9		1	0.65		12/08/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3785-01
Client ID:	WATER-TREATMENT DISCHARGE	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
Cyanide	mg/L	+/-20	0.00096	U	0.00096	U	1	0		12/08/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3785-01
Client ID:	WATER-TREATMENT DISCHARGEMSD	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
Cyanide	mg/L	+/-20	0.039		0.039		1	0		12/08/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3785-01
Client ID:	WATER-TREATMEN DISCHARGEMSD	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
Oil and Grease	mg/L	+/-18	23.8		24.1		1	1.25		12/08/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3785-04
Client ID:	WATER-TREATMEN DISCHARGEDUP	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
Residual Chlorine	mg/L	+/-20	0.65		0.64		1	1.56		12/04/2025
COD	mg/L	+/-20	1.50	U	1.50	U	1	0		12/05/2025
BOD5	mg/L	+/-20	0.20	U	0.20	U	1	0		12/05/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3785-04
Client ID:	WATER-TREATMENT DISCHARGEMSD	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
Residual Chlorine	mg/L	+/-20	1.01		1.02		1	0.99		12/04/2025
COD	mg/L	+/-20	48.2		47.1		1	2.31		12/05/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q3793-01
Client ID:	Q3793-01MSD	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
Oil and Grease	mg/L	+/-18	397		398		1	0.2		12/08/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB138118

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138118BS							
TSS	mg/L	550	556		101	1	90-110	12/04/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB138119

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138119BS							
Residual Chlorine	mg/L	0.4	0.42		105	1	90-110	12/04/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB138124

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138124BS							
COD	mg/L	50	50.2		100	1	90-110	12/05/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB138133

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138133BS							
BOD5	mg/L	198	190		96	1	84.6-115.4	12/05/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB138150

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB138150BS							
Oil and Grease	mg/L	20.0	16.7		84	1	78-114	12/08/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB138125

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170830BS							
Ammonia as N	mg/L	1	1.00		100	1	90-110	12/05/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q3785
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB138153

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170853BS							
Cyanide	mg/L	0.1	0.097		97	1	85-115	12/08/2025

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB138118

Review By	jignesh	Review On	12/5/2025 8:55:44 AM
Supervise By	Iwona	Supervise On	12/5/2025 9:59:39 AM
SubDirectory	LB138118	Test	TSS
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB138118BL	LB138118BL	MB	12/04/25 16:00		jignesh	OK
2	LB138118BS	LB138118BS	LCS	12/04/25 16:00	55 mg w3186 + 100 ml w3112	jignesh	OK
3	Q3760-01	001 Willets Pt Blvd (D	SAM	12/04/25 16:00		jignesh	OK
4	Q3760-02	002 35th Ave (Dec)	SAM	12/04/25 16:00		jignesh	OK
5	Q3760-02DUP	002 35th Ave (Dec)DU	DUP	12/04/25 16:00		jignesh	OK
6	Q3771-02	Comp	SAM	12/04/25 16:00		jignesh	OK
7	Q3772-01	EFFLUENT	SAM	12/04/25 16:00		jignesh	OK
8	Q3772-04	AERATION	SAM	12/04/25 16:00		jignesh	OK
9	Q3773-01	TOWER#1	SAM	12/04/25 16:00		jignesh	OK
10	Q3774-01	DSN002	SAM	12/04/25 16:00		jignesh	OK
11	Q3774-03	DSN001	SAM	12/04/25 16:00		jignesh	OK
12	Q3774-05	DSN003	SAM	12/04/25 16:00		jignesh	OK
13	Q3777-01	SW-1	SAM	12/04/25 16:00		jignesh	OK
14	Q3778-01	SW-2	SAM	12/04/25 16:00		jignesh	OK
15	Q3785-04	WATER-TREATMENT	SAM	12/04/25 16:00		jignesh	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138119

Review By	rubina	Review On	12/5/2025 2:09:34 PM
Supervise By	Iwona	Supervise On	12/5/2025 2:11:03 PM
SubDirectory	LB138119	Test	Residual Chlorine
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115951,WP115950,WP115945,WP115946,WP115947,WP115944,WP115948,WP115949,W3147		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	12/04/25 16:50		rubina	OK
2	CAL2	CAL2	CAL	12/04/25 16:53		rubina	OK
3	CAL3	CAL3	CAL	12/04/25 16:56		rubina	OK
4	CAL4	CAL4	CAL	12/04/25 17:00		rubina	OK
5	CAL5	CAL5	CAL	12/04/25 17:03		rubina	OK
6	CAL6	CAL6	CAL	12/04/25 17:06		rubina	OK
7	ICV	ICV	ICV	12/04/25 17:09		rubina	OK
8	ICB	ICB	ICB	12/04/25 17:13		rubina	OK
9	CCV1	CCV1	CCV	12/04/25 17:16		rubina	OK
10	CCB1	CCB1	CCB	12/04/25 17:20		rubina	OK
11	LB138119BL	LB138119BL	MB	12/04/25 17:23		rubina	OK
12	LB138119BS	LB138119BS	LCS	12/04/25 17:26		rubina	OK
13	Q3530-09	MDL-WATER-03-QT4	SAM	12/04/25 17:29		rubina	OK
14	Q3785-04	WATER-TREATMENT	SAM	12/04/25 17:32		rubina	OK
15	Q3785-04DUP	WATER-TREATMENT	DUP	12/04/25 17:35		rubina	OK
16	Q3785-04MS	WATER-TREATMENT	MS	12/04/25 17:38		rubina	OK
17	Q3785-04MSD	WATER-TREATMENT	MSD	12/04/25 17:42		rubina	OK
18	CCV2	CCV2	CCV	12/04/25 17:45		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB138119

Review By	rubina	Review On	12/5/2025 2:09:34 PM
Supervise By	Iwona	Supervise On	12/5/2025 2:11:03 PM
SubDirectory	LB138119	Test	Residual Chlorine
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115951,WP115950,WP115945,WP115946,WP115947,WP115944,WP115948,WP115949,W3147		

19	CCB2	CCB2	CCB	12/04/25 17:49		rubina	OK
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Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB138124

Review By	Iwona	Review On	12/5/2025 1:06:59 PM
Supervise By	Sohil	Supervise On	12/5/2025 1:27:32 PM
SubDirectory	LB138124	Test	COD
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,WP115958,WP115959,WP115960,V		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	09/08/25 13:30		Iwona	OK
2	CAL2	CAL2	CAL	09/08/25 13:30		Iwona	OK
3	CAL3	CAL3	CAL	09/08/25 13:31		Iwona	OK
4	CAL4	CAL4	CAL	09/08/25 13:31		Iwona	OK
5	CAL5	CAL5	CAL	09/08/25 13:32		Iwona	OK
6	CAL6	CAL6	CAL	09/08/25 13:32		Iwona	OK
7	ICV	ICV	ICV	09/08/25 13:33		Iwona	OK
8	ICB	ICB	ICB	09/08/25 13:33		Iwona	OK
9	CCV1	CCV1	CCV	12/05/25 12:45		Iwona	OK
10	CCB1	CCB1	CCB	12/05/25 12:45		Iwona	OK
11	RL Check	RL Check	RL	12/05/25 12:46		Iwona	OK
12	LB138124BL	LB138124BL	MB	12/05/25 12:46		Iwona	OK
13	LB138124BS	LB138124BS	LCS	12/05/25 12:47		Iwona	OK
14	Q3729-01	1	SAM	12/05/25 12:47		Iwona	OK
15	Q3774-01	DSN002	SAM	12/05/25 12:48		Iwona	OK
16	Q3774-03	DSN001	SAM	12/05/25 12:48		Iwona	OK
17	Q3774-04	DSN001	SAM	12/05/25 12:49		Iwona	OK
18	Q3774-05	DSN003	SAM	12/05/25 12:49		Iwona	OK

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB138124

Review By	Iwona	Review On	12/5/2025 1:06:59 PM
Supervise By	Sohil	Supervise On	12/5/2025 1:27:32 PM
SubDirectory	LB138124	Test	COD
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP114659,WP114658,WP114656,WP114655,WP114654,WP114661,WP114657,WP115958,WP115959,WP115960,V		

19	Q3785-04	WATER-TREATMENT	SAM	12/05/25 12:50		Iwona	OK
20	Q3785-04DUP	WATER-TREATMENT	DUP	12/05/25 12:50		Iwona	OK
21	Q3785-04MS	WATER-TREATMENT	MS	12/05/25 12:51		Iwona	OK
22	CCV2	CCV2	CCV	12/05/25 12:51		Iwona	OK
23	CCB2	CCB2	CCB	12/05/25 12:52		Iwona	OK
24	Q3785-04MSD	WATER-TREATMENT	MSD	12/05/25 12:52		Iwona	OK
25	CCV3	CCV3	CCV	12/05/25 12:53		Iwona	OK
26	CCB3	CCB3	CCB	12/05/25 12:53		Iwona	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB138125

Review By	rubina	Review On	12/5/2025 4:26:35 PM
Supervise By	Iwona	Supervise On	12/5/2025 4:31:22 PM
SubDirectory	LB138125	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP115961		
ICV Standard	WP115963		
CCV Standard	WP115962		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115589		
Chk Standard	WP115821,WP114133,WP113929,WP114132		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	12/05/25 10:29		rubina	OK
2	0.1PPM	0.1PPM	CAL2	12/05/25 10:29		rubina	OK
3	0.2PPM	0.2PPM	CAL3	12/05/25 10:29		rubina	OK
4	0.4PPM	0.4PPM	CAL4	12/05/25 10:29		rubina	OK
5	1.0PPM	1.0PPM	CAL5	12/05/25 10:29		rubina	OK
6	1.3PPM	1.3PPM	CAL6	12/05/25 10:29		rubina	OK
7	2.0PPM	2.0PPM	CAL7	12/05/25 10:29		rubina	OK
8	ICV1	ICV1	ICV	12/05/25 11:18		rubina	OK
9	ICB1	ICB1	ICB	12/05/25 11:18		rubina	OK
10	CCV1	CCV1	CCV	12/05/25 11:19		rubina	OK
11	CCB1	CCB1	CCB	12/05/25 11:19		rubina	OK
12	RL	RL	LOQ	12/05/25 11:19		rubina	OK
13	PB170830BL	PB170830BL	MB	12/05/25 11:29		rubina	OK
14	PB170830BS	PB170830BS	LCS	12/05/25 11:29		rubina	OK
15	Q3760-01	001 Willets Pt Blvd (D	SAM	12/05/25 11:29	NH3 is high, need dilution.	rubina	Dilution
16	Q3760-01DUP	001 Willets Pt Blvd (D	DUP	12/05/25 11:29	NH3 is high, need dilution.	rubina	Dilution
17	Q3760-01MS	001 Willets Pt Blvd (D	MS	12/05/25 11:29		rubina	OK
18	Q3760-01MSD	001 Willets Pt Blvd (D	MSD	12/05/25 11:29		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB138125

Review By	rubina	Review On	12/5/2025 4:26:35 PM
Supervise By	Iwona	Supervise On	12/5/2025 4:31:22 PM
SubDirectory	LB138125	Test	Ammonia

STD. NAME	STD REF.#
ICAL Standard	WP115961
ICV Standard	WP115963
CCV Standard	WP115962
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP115589
Chk Standard	WP115821,WP114133,WP113929,WP114132

19	Q3760-02	002 35th Ave (Dec)	SAM	12/05/25 11:29	NH3 is high, need dilution.	rubina	Dilution
20	Q3772-01	EFFLUENT	SAM	12/05/25 11:29	NH3 is high, need dilution.	rubina	Dilution
21	Q3772-05	INFLUENT	SAM	12/05/25 11:40	NH3 is high, need dilution.	rubina	Dilution
22	CCV2	CCV2	CCV	12/05/25 11:40		rubina	OK
23	CCB2	CCB2	CCB	12/05/25 11:40		rubina	OK
24	Q3785-04	WATER-TREATMENT	SAM	12/05/25 11:40		rubina	OK
25	CCV3	CCV3	CCV	12/05/25 11:40		rubina	OK
26	CCB3	CCB3	CCB	12/05/25 11:40		rubina	OK
27	Q3760-01DL	001 Willets Pt Blvd (D	SAM	12/05/25 12:10	2X For NH3	rubina	Confirms
28	Q3760-01DUPDL	001 Willets Pt Blvd (D	DUP	12/05/25 12:10	2X For NH3	rubina	Confirms
29	Q3760-02DL	002 35th Ave (Dec)DL	SAM	12/05/25 12:10	2X For NH3	rubina	Confirms
30	Q3772-01DL	EFFLUENTDL	SAM	12/05/25 12:10	10X For NH3	rubina	Confirms
31	Q3772-05DL	INFLUENTDL	SAM	12/05/25 12:10	5X For NH3	rubina	Confirms
32	CCV4	CCV4	CCV	12/05/25 12:17		rubina	OK
33	CCB4	CCB4	CCB	12/05/25 12:17		rubina	OK

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB138133

Review By	rubina	Review On	12/10/2025 3:44:22 PM
Supervise By	Iwona	Supervise On	12/10/2025 4:10:49 PM
SubDirectory	LB138133	Test	BOD5
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP115977,W3149,WP115342,W3103,W3109,W3248,WP115979,WP115978,WP113878		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB138133BL	LB138133BL	MB	12/05/25 17:00		rubina	OK
2	LB138133BS	LB138133BS	LCS	12/05/25 17:00		rubina	OK
3	Q3785-04	WATER-TREATMENT	SAM	12/05/25 17:00		rubina	OK
4	Q3785-04DUP	WATER-TREATMENT	DUP	12/05/25 17:00		rubina	OK
5	Q3793-01	MH-1252025	SAM	12/05/25 17:00		rubina	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB138150

Review By	jignesh	Review On	12/8/2025 12:52:51 PM
Supervise By	Iwona	Supervise On	12/8/2025 1:29:53 PM
SubDirectory	LB138150	Test	Oil and Grease
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3240,M6069,EP2665,WP115016,N/A,N/A,WP115017,N/A,WP115018		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB138150BL	LB138150BL	MB	12/08/25 12:37		jignesh	OK
2	LB138150BS	LB138150BS	LCS	12/08/25 12:37		jignesh	OK
3	Q3760-01	001 Willets Pt Blvd (D	SAM	12/08/25 12:37		jignesh	OK
4	Q3760-02	002 35th Ave (Dec)	SAM	12/08/25 12:37		jignesh	OK
5	Q3772-01	EFFLUENT	SAM	12/08/25 12:37		jignesh	OK
6	Q3772-02	Q3772-01MS	MS	12/08/25 12:37		jignesh	OK
7	Q3772-03	Q3772-01MSD	MSD	12/08/25 12:37		jignesh	OK
8	Q3777-01	SW-1	SAM	12/08/25 12:37		jignesh	OK
9	Q3778-01	SW-2	SAM	12/08/25 12:37		jignesh	OK
10	Q3785-01	WATER-TREATMENT	SAM	12/08/25 12:37		jignesh	OK
11	Q3785-02	Q3785-01MS	MS	12/08/25 12:37		jignesh	OK
12	Q3785-03	Q3785-01MSD	MSD	12/08/25 12:37		jignesh	OK
13	Q3793-01	MH-1252025	SAM	12/08/25 12:37		jignesh	OK
14	Q3793-02	Q3793-01MS	MS	12/08/25 12:37		jignesh	OK
15	Q3793-03	Q3793-01MSD	MSD	12/08/25 12:37		jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB138153

Review By	rubina	Review On	12/8/2025 2:37:51 PM
Supervise By	Iwona	Supervise On	12/8/2025 4:06:20 PM
SubDirectory	LB138153	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115986,WP115987,WP115988,WP115989,WP115990,WP115991,WP115992		
ICV Standard	W3012		
CCV Standard	WP115987		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115976,WP114324,WP115994		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	12/08/25 10:45		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	12/08/25 10:45		rubina	OK
3	10PPBCN	10PPBCN	CAL3	12/08/25 10:45		rubina	OK
4	50PPBCN	50PPBCN	CAL4	12/08/25 10:45		rubina	OK
5	100PPBCN	100PPBCN	CAL5	12/08/25 10:45		rubina	OK
6	250PPBCN	250PPBCN	CAL6	12/08/25 10:45		rubina	OK
7	500PPBCN	500PPBCN	CAL7	12/08/25 10:45		rubina	OK
8	ICV1	ICV1	ICV	12/08/25 12:47		rubina	OK
9	ICB1	ICB1	ICB	12/08/25 12:47		rubina	OK
10	CCV1	CCV1	CCV	12/08/25 12:47		rubina	OK
11	CCB1	CCB1	CCB	12/08/25 12:47		rubina	OK
12	PB170853BL	PB170853BL	MB	12/08/25 12:47		rubina	OK
13	PB170853BS	PB170853BS	LCS	12/08/25 12:47		rubina	OK
14	LOWPB170853	LOWPB170853	SAM	12/08/25 12:55		rubina	OK
15	HIGHPB170853	HIGHPB170853	SAM	12/08/25 12:55		rubina	OK
16	Q3785-01	WATER-TREATMENT	SAM	12/08/25 12:55		rubina	OK
17	Q3785-01DUP	WATER-TREATMENT	DUP	12/08/25 12:55		rubina	OK
18	Q3785-01MS	WATER-TREATMENT	MS	12/08/25 13:02		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB138153

Review By	rubina	Review On	12/8/2025 2:37:51 PM
Supervise By	Iwona	Supervise On	12/8/2025 4:06:20 PM
SubDirectory	LB138153	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP115986,WP115987,WP115988,WP115989,WP115990,WP115991,WP115992		
ICV Standard	W3012		
CCV Standard	WP115987		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP115976,WP114324,WP115994		

19	Q3785-01MSD	WATER-TREATMENT	MSD	12/08/25 13:02		rubina	OK
20	PB170847BL	PB170847BL	MB	12/08/25 13:02		rubina	OK
21	PB170847BS	PB170847BS	LCS	12/08/25 13:03		rubina	OK
22	CCV2	CCV2	CCV	12/08/25 13:03		rubina	OK
23	CCB2	CCB2	CCB	12/08/25 13:03		rubina	OK
24	Q3779-01	OILY STONE DRUM	SAM	12/08/25 13:10		rubina	OK
25	Q3801-01	SOIL#1	SAM	12/08/25 13:10		rubina	OK
26	Q3801-06	SOIL#2	SAM	12/08/25 13:18		rubina	OK
27	Q3806-01	TR-01-12-5-2025	SAM	12/08/25 13:18		rubina	OK
28	Q3806-04	TR-05-12-5-2025	SAM	12/08/25 13:18		rubina	OK
29	Q3781-01	OK-1242025-1	SAM	12/08/25 13:24		rubina	OK
30	Q3781-01DUP	OK-1242025-1DUP	DUP	12/08/25 13:33		rubina	OK
31	Q3781-01MS	OK-1242025-1MS	MS	12/08/25 13:33		rubina	OK
32	Q3781-01MSD	OK-1242025-1MSD	MSD	12/08/25 13:33		rubina	OK
33	CCV3	CCV3	CCV	12/08/25 13:36		rubina	OK
34	CCB3	CCB3	CCB	12/08/25 13:36		rubina	OK

LAB CHRONICLE

OrderID:	Q3785	OrderDate:	12/4/2025 2:56:00 PM
Client:	VERINA CONSULTING GROUP, LLC	Project:	Rotor Clip NJ WTD - 2025
Contact:	Michael Valenzi	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3785-01	WATER-TREATMENT DISCHARGE	WATER			12/04/25 11:00	12/08/25		12/04/25
			Cyanide	9012B			12/08/25 12:55	
			Oil and Grease	1664A			12/08/25 12:37	
Q3785-04	WATER-TREATMENT DISCHARGE	WATER			12/04/25 11:05	12/04/25		12/04/25
			Ammonia	SM4500-NH3			12/05/25 11:40	
			BOD5	SM5210 B			12/05/25 17:00	
			COD	SM5220 D			12/05/25 12:50	
			Residual Chlorine	SM4500 Cl G			12/04/25 17:32	
			TSS	SM2540 D			12/04/25 16:00	

SOP ID : MSM4500-NH3 B,G-Ammonia-18

SDG No : N/A

Start Digest Date: 12/04/2025 Time : 14:00 Temp : 150 °C

Matrix : WATER

End Digest Date: 12/04/2025 Time : 15:00 Temp : 160 °C

Pipette ID : WC

1st batch 12/04/2025 15.25 1542
12/04/2025 16.25 1602

Balance ID : N/A

Hood ID : HOOD#2

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : WC-DIST-BLOCK-1

Filter paper ID : N/A

Prep Technician Signature: *RM*

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: *12*

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP115589
MS/MSD SPIKE SOL.	1.0ML	WP115588
PBW	50.0ML	W3112
RL CHECK	0.1ML	WP115588
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP113886
NAOH 6N	0.5-2.0ML	WP113887
H2SO4 0.04N	5.0ML	WP115336
pH strip-Ammonia	N/A	W3133
KI-starch paper	N/A	W3155
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:

ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT WP114104. Due to bad matrix and client history 1ML was taken as an initial volume for Q3772-01 and Q3772-05.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/4/2025 16:40	<i>RM (WC)</i>	<i>RM (WC)</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170830BL	PBW830	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB170830BS	LCS830	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3760-01DUP	001 WILLETS PT BLVD (DEC)DUP	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3760-01MS	001 WILLETS PT BLVD (DEC)MS	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3760-01MSD	001 WILLETS PT BLVD (DEC)MSD	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3760-01	001 WILLETS PT BLVD (DEC)	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3760-02	002 35TH AVE (DEC)	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3772-01	EFFLUENT	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3772-05	INFLUENT	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3785-04	WATER-TREATMEN DISCHARGE	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 12/08/2025 **Time :** 08:50 **Temp :** 123 °C

Matrix : WATER

End Digest Date: 12/08/2025 **Time :** 10:20 **Temp :** 127 °C

Pipette ID : WC

Balance ID : N/A

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-2

Filter paper ID : N/A

Prep Technician Signature: 
Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 12

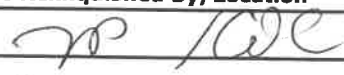
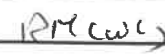
Standardized Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP115851
PBW	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCL2	2.0ML	WP115335
pH Paper 0-14	N/A	W3241
Nitrate/Nitrite Strip	N/A	W3182
Lead Acetate strip	N/A	W3134
Lead Acetate strip	N/A	W3155
0.4N Sulfamic Acid	5.ML	WP115337
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP115851
LOWSTD	LOWSTD	0.1ML	WP115851

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/08/2025 10:30		
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170853BL	PBW853	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB170853BS	LCS853	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3785-01DUP	WATER-TREATMEN DISCHARGEDUP	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q3785-01MS	WATER-TREATMEN DISCHARGEMS	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q3785-01MSD	WATER-TREATMEN DISCHARGEMSD	50	50	>12	Negative	Negative	Positive	N/A	N/A
Q3785-01	WATER-TREATMEN DISCHARGE	50	50	>12	Negative	Negative	Positive	N/A	N/A



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: VERINA CONSULTING GROUP
ADDRESS: 1011 US HIGHWAY 22, SUITE 302
CITY BRIDGEWATER STATE: NJ ZIP: 08807
ATTENTION: MICHAEL VALENZI
PHONE: 908-864-4400 FAX: 908-864-4401

PROJECT NAME: ROTOR CLIP
PROJECT NO.: 5183-0001 LOCATION: NJ
PROJECT MANAGER: MICHAEL VALENZI
e-mail: MVALENZIE VCG-LLC.COM
PHONE: 908-864-4400 FAX: 908-864-4401

BILL TO: SEE LEFT PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 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 ☐ Other
☐ EDD FORMAT

1. Zn, Cu, Ni, Cr, Cd, Pb, Ag
2. TSS
3. BOD
4. COD
5. CHLORINE DEMAND
6. AMMONIA
7. OIL & GREASE
8. TOTAL CHLORINE
9.

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		B	E	E	C	E	C	C	D			
1.	<u>WATER TREATMENT DISCHARGE</u>	<u>WW</u>		<u>X</u>	<u>12/14/25</u>	<u>11:00</u>	<u>4</u>								<u>X</u>	<u>X</u>		
2.	<u>WATER TREATMENT DISCHARGE</u>	<u>WW</u>	<u>X</u>		<u>12/14/25</u>	<u>11:05</u>	<u>6</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>					
3.																		
4.																		
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>MVA</u>	DATE/TIME: <u>12/14/25 11:05</u>	RECEIVED BY: <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.6</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME: <u>-</u>	RECEIVED BY: <u>[Signature]</u>	Comments: <u>PH = 9.2</u> <u>FLOW RATE = 45</u> <u>TEMPERATURE = 58.5</u> <u>METALS GROUP 5 = Zn, Cu, Ni, Cr, Cd, Pb, Ag</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>12-14-25</u>	RECEIVED BY: <u>[Signature]</u>	Page <u>1</u> of <u>1</u> 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