

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 : Q1519

ATTENTION : Michael Valenzi



Laboratory Certification ID # 20012



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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : VERINA CONSULTING GROUP, LLC
 Project Location : NJ Project Number : 5183.0001
 Laboratory Sample ID(s) : Q1519 Sampling Date(s) : 3/06/2025
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **1664A,6010D,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 : Q1519

Project ID : Rotor Clip NJ WTD - 2025

Client : VERINA CONSULTING GROUP, LLC

Lab Sample Number

Q1519-01
Q1519-02
Q1519-03
Q1519-04

Client Sample Number

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

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

Signature : _____

Date: 3/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

CASE NARRATIVE

VERINA CONSULTING GROUP, LLC

Project Name: Rotor Clip NJ WTD - 2025

Project # N/A

Chemtech Project # Q1519

Test Name: Metals Group5

A. Number of Samples and Date of Receipt:

4 Water samples were received on 03/06/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Ammonia, BOD5, COD, Metals Group5, Oil and Grease, Residual Chlorine and TSS. This data package contains results for Metals Group5.

C. Analytical Techniques:

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

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

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

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

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

Signature_____

CASE NARRATIVE

VERINA CONSULTING GROUP, LLC

Project Name: Rotor Clip NJ WTD - 2025

Project # N/A

Chemtech Project # Q1519

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

A. Number of Samples and Date of Receipt:

4 Water samples were received on 03/06/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Ammonia, BOD5, COD, Metals Group5, Oil and Grease, Residual Chlorine and TSS. This data package contains results for Oil and Grease, Ammonia, Residual Chlorine, COD, BOD5, TSS.

C. Analytical Techniques:

The analysis of Oil and Grease was based on method 1664A, 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 samples except for WATER TREATMENT DISCHARGE of Residual Chlorine due to Sample receive out of holding time.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

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

The Calibration met the requirements.

E. Additional Comments:



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

Signature_____

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 #: Q1519

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: 03/17/2025



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Hit Summary Sheet
SW-846

SDG No.: Q1519 **Order ID:** Q1519
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								
Q1519-01	WATER TREATMENT DISCHA	Water	Chromium	289		0.66	5.00	ug/L
Q1519-01	WATER TREATMENT DISCHA	Water	Copper	13.7		7.07	10.0	ug/L
Q1519-01	WATER TREATMENT DISCHA	Water	Nickel	6.83	J	0.85	20.0	ug/L
Q1519-01	WATER TREATMENT DISCHA	Water	Zinc	60.3		1.75	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	VERINA CONSULTING GROUP, LLC	Date Collected:	03/06/25
Project:	Rotor Clip NJ WTD - 2025	Date Received:	03/06/25
Client Sample ID:	WATER TREATMENT DISCHARGE	SDG No.:	Q1519
Lab Sample ID:	Q1519-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-47-3	Chromium	289		1	0.66	5.00	ug/L	03/10/25 08:55	03/12/25 16:47	SW6010	SW3010
7440-50-8	Copper	13.7		1	7.07	10.0	ug/L	03/10/25 08:55	03/12/25 16:47	SW6010	SW3010
7440-02-0	Nickel	6.83	J	1	0.85	20.0	ug/L	03/10/25 08:55	03/12/25 16:47	SW6010	SW3010
7440-66-6	Zinc	60.3		1	1.75	20.0	ug/L	03/10/25 08:55	03/12/25 16:47	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group5			

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

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



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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q1519
Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q1519 **SAS No.:** Q1519

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Chromium	10.0	+/-10.0	U	10.0	P	03/12/2025	11:01	LB135011
	Copper	20.0	+/-20.0	U	20.0	P	03/12/2025	11:01	LB135011
	Nickel	40.0	+/-40.0	U	40.0	P	03/12/2025	11:01	LB135011
	Zinc	40.0	+/-40.0	U	40.0	P	03/12/2025	11:01	LB135011

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC SDG No.: Q1519
Contract: VERI01 Lab Code: CHEM Case No.: Q1519 SAS No.: Q1519

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Chromium	10.0	+/-10.0	U	10.0	P	03/12/2025	11:34	LB135011
	Copper	20.0	+/-20.0	U	20.0	P	03/12/2025	11:34	LB135011
	Nickel	40.0	+/-40.0	U	40.0	P	03/12/2025	11:34	LB135011
	Zinc	40.0	+/-40.0	U	40.0	P	03/12/2025	11:34	LB135011
CCB02	Chromium	10.0	+/-10.0	U	10.0	P	03/12/2025	12:24	LB135011
	Copper	20.0	+/-20.0	U	20.0	P	03/12/2025	12:24	LB135011
	Nickel	40.0	+/-40.0	U	40.0	P	03/12/2025	12:24	LB135011
	Zinc	40.0	+/-40.0	U	40.0	P	03/12/2025	12:24	LB135011
CCB03	Chromium	10.0	+/-10.0	U	10.0	P	03/12/2025	13:14	LB135011
	Copper	20.0	+/-20.0	U	20.0	P	03/12/2025	13:14	LB135011
	Nickel	40.0	+/-40.0	U	40.0	P	03/12/2025	13:14	LB135011
	Zinc	40.0	+/-40.0	U	40.0	P	03/12/2025	13:14	LB135011
CCB04	Chromium	10.0	+/-10.0	U	10.0	P	03/12/2025	14:28	LB135011
	Copper	20.0	+/-20.0	U	20.0	P	03/12/2025	14:28	LB135011
	Nickel	40.0	+/-40.0	U	40.0	P	03/12/2025	14:28	LB135011
	Zinc	40.0	+/-40.0	U	40.0	P	03/12/2025	14:28	LB135011
CCB05	Chromium	10.0	+/-10.0	U	10.0	P	03/12/2025	15:29	LB135011
	Copper	20.0	+/-20.0	U	20.0	P	03/12/2025	15:29	LB135011
	Nickel	40.0	+/-40.0	U	40.0	P	03/12/2025	15:29	LB135011
	Zinc	40.0	+/-40.0	U	40.0	P	03/12/2025	15:29	LB135011
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	03/12/2025	16:30	LB135011
	Copper	20.0	+/-20.0	U	20.0	P	03/12/2025	16:30	LB135011
	Nickel	40.0	+/-40.0	U	40.0	P	03/12/2025	16:30	LB135011
	Zinc	40.0	+/-40.0	U	40.0	P	03/12/2025	16:30	LB135011
CCB07	Chromium	10.0	+/-10.0	U	10.0	P	03/12/2025	17:30	LB135011
	Copper	20.0	+/-20.0	U	20.0	P	03/12/2025	17:30	LB135011
	Nickel	40.0	+/-40.0	U	40.0	P	03/12/2025	17:30	LB135011
	Zinc	40.0	+/-40.0	U	40.0	P	03/12/2025	17:30	LB135011
CCB08	Chromium	10.0	+/-10.0	U	10.0	P	03/12/2025	18:27	LB135011
	Copper	20.0	+/-20.0	U	20.0	P	03/12/2025	18:27	LB135011
	Nickel	40.0	+/-40.0	U	40.0	P	03/12/2025	18:27	LB135011
	Zinc	40.0	+/-40.0	U	40.0	P	03/12/2025	18:27	LB135011
CCB09	Chromium	10.0	+/-10.0	U	10.0	P	03/12/2025	18:53	LB135011
	Copper	20.0	+/-20.0	U	20.0	P	03/12/2025	18:53	LB135011
	Nickel	40.0	+/-40.0	U	40.0	P	03/12/2025	18:53	LB135011
	Zinc	40.0	+/-40.0	U	40.0	P	03/12/2025	18:53	LB135011

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167038BL	WATER			Batch Number:	PB167038		Prep Date:	03/10/2025	
	Chromium	5.00	<5.00	U	5.00	P	03/12/2025	11:55	LB135011
	Copper	10.0	<10.0	U	10.0	P	03/12/2025	11:55	LB135011
	Nickel	20.0	<20.0	U	20.0	P	03/12/2025	11:55	LB135011
	Zinc	20.0	<20.0	U	20.0	P	03/12/2025	11:55	LB135011

A

B

C

D

E

F

G

H

I

J



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q1519
Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q1519 **SAS No.:** Q1519
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Chromium	541	520	104	90 - 110	P	03/12/2025	10:52	LB135011
	Copper	532	510	104	90 - 110	P	03/12/2025	10:52	LB135011
	Nickel	517	530	98	90 - 110	P	03/12/2025	10:52	LB135011
	Zinc	1050	1000	105	90 - 110	P	03/12/2025	10:52	LB135011

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q1519
Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q1519 **SAS No.:** Q1519
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Chromium	10.6	10.0	106	80 - 120	P	03/12/2025	10:56	LB135011
	Copper	22.9	20.0	114	80 - 120	P	03/12/2025	10:56	LB135011
	Nickel	38.7	40.0	97	80 - 120	P	03/12/2025	10:56	LB135011
	Zinc	42.6	40.0	106	80 - 120	P	03/12/2025	10:56	LB135011

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q1519
Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q1519 **SAS No.:** Q1519
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	Chromium	1050	1000	105	90 - 110	P	03/12/2025	11:29	LB135011
	Copper	1260	1250	101	90 - 110	P	03/12/2025	11:29	LB135011
	Nickel	2450	2500	98	90 - 110	P	03/12/2025	11:29	LB135011
	Zinc	2530	2500	101	90 - 110	P	03/12/2025	11:29	LB135011
CCV02	Chromium	1070	1000	107	90 - 110	P	03/12/2025	12:20	LB135011
	Copper	1280	1250	102	90 - 110	P	03/12/2025	12:20	LB135011
	Nickel	2460	2500	98	90 - 110	P	03/12/2025	12:20	LB135011
	Zinc	2600	2500	104	90 - 110	P	03/12/2025	12:20	LB135011
CCV03	Chromium	1060	1000	106	90 - 110	P	03/12/2025	13:10	LB135011
	Copper	1280	1250	102	90 - 110	P	03/12/2025	13:10	LB135011
	Nickel	2480	2500	99	90 - 110	P	03/12/2025	13:10	LB135011
	Zinc	2600	2500	104	90 - 110	P	03/12/2025	13:10	LB135011
CCV04	Chromium	1060	1000	106	90 - 110	P	03/12/2025	14:24	LB135011
	Copper	1290	1250	103	90 - 110	P	03/12/2025	14:24	LB135011
	Nickel	2490	2500	100	90 - 110	P	03/12/2025	14:24	LB135011
	Zinc	2590	2500	103	90 - 110	P	03/12/2025	14:24	LB135011
CCV05	Chromium	1050	1000	105	90 - 110	P	03/12/2025	15:25	LB135011
	Copper	1260	1250	101	90 - 110	P	03/12/2025	15:25	LB135011
	Nickel	2440	2500	98	90 - 110	P	03/12/2025	15:25	LB135011
	Zinc	2530	2500	101	90 - 110	P	03/12/2025	15:25	LB135011
CCV06	Chromium	1050	1000	105	90 - 110	P	03/12/2025	16:25	LB135011
	Copper	1260	1250	100	90 - 110	P	03/12/2025	16:25	LB135011
	Nickel	2430	2500	97	90 - 110	P	03/12/2025	16:25	LB135011
	Zinc	2530	2500	101	90 - 110	P	03/12/2025	16:25	LB135011
CCV07	Chromium	1050	1000	105	90 - 110	P	03/12/2025	17:25	LB135011
	Copper	1280	1250	102	90 - 110	P	03/12/2025	17:25	LB135011
	Nickel	2450	2500	98	90 - 110	P	03/12/2025	17:25	LB135011
	Zinc	2560	2500	102	90 - 110	P	03/12/2025	17:25	LB135011
CCV08	Chromium	1070	1000	107	90 - 110	P	03/12/2025	18:23	LB135011
	Copper	1270	1250	102	90 - 110	P	03/12/2025	18:23	LB135011
	Nickel	2470	2500	99	90 - 110	P	03/12/2025	18:23	LB135011
	Zinc	2580	2500	103	90 - 110	P	03/12/2025	18:23	LB135011
CCV09	Chromium	1050	1000	105	90 - 110	P	03/12/2025	18:49	LB135011
	Copper	1280	1250	102	90 - 110	P	03/12/2025	18:49	LB135011

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q1519
Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q1519 **SAS No.:** Q1519
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
CCV09	Nickel	2480	2500	99	90 - 110	P	03/12/2025	18:49	LB135011
	Zinc	2560	2500	102	90 - 110	P	03/12/2025	18:49	LB135011



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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q1519
Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q1519 **SAS No.:** Q1519
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Chromium	10.3	10.0	103	40 - 160	P	03/12/2025	11:05	LB135011
	Copper	22.6	20.0	113	40 - 160	P	03/12/2025	11:05	LB135011
	Nickel	38.9	40.0	97	40 - 160	P	03/12/2025	11:05	LB135011
	Zinc	42.3	40.0	106	40 - 160	P	03/12/2025	11:05	LB135011

Metals
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INTERFERENCE CHECK SAMPLE

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q1519
Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q1519 **SAS No.:** Q1519
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Chromium	60.0	52.0	115	42	62	03/12/2025	11:09	LB135011
	Copper	7.26	2.0	363	-18	22	03/12/2025	11:09	LB135011
	Nickel	1.62	2.0	81	-38	42	03/12/2025	11:09	LB135011
	Zinc	6.95			-40	40	03/12/2025	11:09	LB135011
ICSAB01	Chromium	595	542	110	460	624	03/12/2025	11:14	LB135011
	Copper	509	511	100	434	588	03/12/2025	11:14	LB135011
	Nickel	1000	954	105	810	1100	03/12/2025	11:14	LB135011
	Zinc	1080	952	113	809	1095	03/12/2025	11:14	LB135011



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>VERINA CONSULTING GROUP, LLC</u>	level: <u>low</u>	sdg no.: <u>Q1519</u>
contract: <u>VERI01</u>	lab code: <u>CHEM</u>	case no.: <u>Q1519</u> sas no.: <u>Q1519</u>
matrix: <u>Water</u>	sample id: <u>Q1522-02</u>	client id: <u>TW-WTS-04MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1522-02MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Chromium	ug/L	75 - 125	207		5.00	U	200	104		P
Copper	ug/L	75 - 125	149		10.0	U	150	99		P
Nickel	ug/L	75 - 125	251		12.8	J	250	95		P
Zinc	ug/L	75 - 125	119		15.5	J	100	104		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>VERINA CONSULTING GROUP, LLC</u>	level: <u>low</u>	sdg no.: <u>Q1519</u>
contract: <u>VERI01</u>	lab code: <u>CHEM</u>	case no.: <u>Q1519</u> sas no.: <u>Q1519</u>
matrix: <u>Water</u>	sample id: <u>Q1522-02</u>	client id: <u>TW-WTS-04MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1522-02MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Chromium	ug/L	75 - 125	205		5.00	U	200	102		P
Copper	ug/L	75 - 125	149		10.0	U	150	99		P
Nickel	ug/L	75 - 125	250		12.8	J	250	95		P
Zinc	ug/L	75 - 125	120		15.5	J	100	104		P

Metals
- 5b -

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Contract: VERI01

Lab Code: CHEM

Case No.: Q1519

SAS No.: Q1519

Matrix:

Level: LOW

Client ID:

Sample ID:

Spiked ID:

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

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DUPLICATE SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC **Level:** LOW **SDG No.:** Q1519
Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q1519 **SAS No.:** Q1519
Matrix: Water **Sample ID:** Q1522-02 **Client ID:** TW-WTS-04DUP
Percent Solids for Sample: NA **Duplicate ID** Q1522-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Chromium	ug/L	20	5.00	U	5.00	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Nickel	ug/L	20	12.8	J	12.7	J	1		P
Zinc	ug/L	20	15.5	J	18.5	J	18		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.:** Q1519
Contract: VERI01 **Lab Code:** CHEM **Case No.:** Q1519 **SAS No.:** Q1519
Matrix: Water **Sample ID:** Q1522-02MS **Client ID:** TW-WTS-04MSD
Percent Solids for Sample: NA **Duplicate ID** Q1522-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Chromium	ug/L	20	207		205		1		P
Copper	ug/L	20	149		149		0		P
Nickel	ug/L	20	251		250		0		P
Zinc	ug/L	20	119		120		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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LABORATORY CONTROL SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC SDG No.: Q1519
 Contract: VERI01 Lab Code: CHEM Case No.: Q1519 SAS No.: Q1519

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167038BS							
Chromium	ug/L	200	209		104	80 - 120	P
Copper	ug/L	150	152		101	80 - 120	P
Nickel	ug/L	250	235		94	80 - 120	P
Zinc	ug/L	100	105		105	80 - 120	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TW-WTS-04L

Lab Name: Chemtech Consulting Group **Contract:** VERI01
Lab Code: CHEM **Lb No.:** lb135011 **Lab Sample ID :** Q1522-02L **SDG No.:** Q1519
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
Chromium	5.00	U	25.0	U			P
Copper	10.0	U	50.0	U			P
Nickel	12.8	J	13.0	J	2		P
Zinc	15.5	J	17.1	J	10		P

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metals
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ANALYSIS RUN LOG

Client: VERINA CONSULTING GROUP, LLC

Contract: VERI01

Lab code: CHEM

Case no.: Q1519

Sas no.: Q1519

Sdg no.: Q1519

Instrument id number:

Method:

Run number: LB135011

Start date: 03/12/2025

End date: 03/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1027	Cr,Cu,Ni,Zn
S1	S1	1	1031	Cr,Cu,Ni,Zn
S2	S2	1	1035	Cr,Cu,Ni,Zn
S3	S3	1	1039	Cr,Cu,Ni,Zn
S4	S4	1	1044	Cr,Cu,Ni,Zn
S5	S5	1	1048	Cr,Cu,Ni,Zn
ICV01	ICV01	1	1052	Cr,Cu,Ni,Zn
LLICV01	LLICV01	1	1056	Cr,Cu,Ni,Zn
ICB01	ICB01	1	1101	Cr,Cu,Ni,Zn
CRI01	CRI01	1	1105	Cr,Cu,Ni,Zn
ICSA01	ICSA01	1	1109	Cr,Cu,Ni,Zn
ICSAB01	ICSAB01	1	1114	Cr,Cu,Ni,Zn
CCV01	CCV01	1	1129	Cr,Cu,Ni,Zn
CCB01	CCB01	1	1134	Cr,Cu,Ni,Zn
PB167038BL	PB167038BL	1	1155	Cr,Cu,Ni,Zn
PB167038BS	PB167038BS	1	1159	Cr,Cu,Ni,Zn
CCV02	CCV02	1	1220	Cr,Cu,Ni,Zn
CCB02	CCB02	1	1224	Cr,Cu,Ni,Zn
CCV03	CCV03	1	1310	Cr,Cu,Ni,Zn
CCB03	CCB03	1	1314	Cr,Cu,Ni,Zn
CCV04	CCV04	1	1424	Cr,Cu,Ni,Zn
CCB04	CCB04	1	1428	Cr,Cu,Ni,Zn
CCV05	CCV05	1	1525	Cr,Cu,Ni,Zn
CCB05	CCB05	1	1529	Cr,Cu,Ni,Zn
CCV06	CCV06	1	1625	Cr,Cu,Ni,Zn
CCB06	CCB06	1	1630	Cr,Cu,Ni,Zn
Q1519-01	WATER TREATMENT DISCHA	1	1647	Cr,Cu,Ni,Zn
Q1522-02DUP	TW-WTS-04DUP	1	1711	Cr,Cu,Ni,Zn
Q1522-02L	TW-WTS-04L	5	1716	Cr,Cu,Ni,Zn
CCV07	CCV07	1	1725	Cr,Cu,Ni,Zn
CCB07	CCB07	1	1730	Cr,Cu,Ni,Zn
Q1522-02MS	TW-WTS-04MS	1	1735	Cr,Cu,Ni,Zn
Q1522-02MSD	TW-WTS-04MSD	1	1739	Cr,Cu,Ni,Zn
CCV08	CCV08	1	1823	Cr,Cu,Ni,Zn
CCB08	CCB08	1	1827	Cr,Cu,Ni,Zn
CCV09	CCV09	1	1849	Cr,Cu,Ni,Zn
CCB09	CCB09	1	1853	Cr,Cu,Ni,Zn



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Contract: VERI01

Lab Code: CHEM

Case No.: Q1519

SAS No.: Q1519

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
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
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Contract: VERI01

Lab Code: CHEM

Case No.: Q1519

SAS No.: Q1519

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
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
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Contract: VERI01

Lab Code: CHEM

Case No.: Q1519

SAS No.: Q1519

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
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
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
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.: Q1519

Contract: VERI01

Lab Code: CHEM

Case No.: Q1519

SAS No.: Q1519

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
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
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Contract: VERI01

Lab Code: CHEM

Case No.: Q1519

SAS No.: Q1519

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
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
Nickel	231.604	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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LAB CHRONICLE

OrderID:	Q1519	OrderDate:	3/6/2025 2:23:00 PM
Client:	VERINA CONSULTING GROUP, LLC	Project:	Rotor Clip NJ WTD - 2025
Contact:	Michael Valenzi	Location:	F11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1519-01	WATER TREATMENT DISCHARGE	Water	Metals Group5	6010D	03/06/25	03/10/25	03/12/25	03/06/25



METAL PREPARATION & ANALYICAL SUMMARY

Metals
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SAMPLE PREPARATION SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** Q1519
Contract: VERI01 **Lab Code:** CHEM **Method:** _____
Case No.: Q1519 **SAS No.:** Q1519

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167038							
PB167038BL	PB167038BL	MB	WATER	03/10/2025	50.0	25.0	
PB167038BS	PB167038BS	LCS	WATER	03/10/2025	50.0	25.0	
Q1519-01	WATER TREATMENT DISCHARGE	SAM	WATER	03/10/2025	50.0	25.0	
Q1522-02DUP	TW-WTS-04DUP	DUP	WATER	03/10/2025	50.0	25.0	
Q1522-02MS	TW-WTS-04MS	MS	WATER	03/10/2025	50.0	25.0	
Q1522-02MSD	TW-WTS-04MSD	MSD	WATER	03/10/2025	50.0	25.0	

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135011

Review By	kareem	Review On	3/13/2025 10:36:08 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:32:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/12/25 10:27		Kareem	OK
2	S1	S1	CAL2	03/12/25 10:31		Kareem	OK
3	S2	S2	CAL3	03/12/25 10:35		Kareem	OK
4	S3	S3	CAL4	03/12/25 10:39		Kareem	OK
5	S4	S4	CAL5	03/12/25 10:44		Kareem	OK
6	S5	S5	CAL6	03/12/25 10:48		Kareem	OK
7	ICV01	ICV01	ICV	03/12/25 10:52	ICV As,Be,Tl,Zn (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	03/12/25 10:56		Kareem	OK
9	ICB01	ICB01	ICB	03/12/25 11:01		Kareem	OK
10	CRI01	CRI01	CRDL	03/12/25 11:05		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/12/25 11:09		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/12/25 11:14		Kareem	OK
13	ICSADL	ICSADL	ICSA	03/12/25 11:21		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	03/12/25 11:25		Kareem	OK
15	CCV01	CCV01	CCV	03/12/25 11:29		Kareem	OK
16	CCB01	CCB01	CCB	03/12/25 11:34		Kareem	OK
17	PB167037BL	PB167037BL	MB	03/12/25 11:38		Kareem	OK
18	PB167037BS	PB167037BS	LCS	03/12/25 11:42	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135011

Review By	kareem	Review On	3/13/2025 10:36:08 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:32:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

19	PB166981BL	PB166981BL	MB	03/12/25 11:46		Kareem	OK
20	PB166981BS	PB166981BS	LCS	03/12/25 11:51	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
21	PB167038BL	PB167038BL	MB	03/12/25 11:55		Kareem	OK
22	PB167038BS	PB167038BS	LCS	03/12/25 11:59	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
23	PB167024BL	PB167024BL	MB	03/12/25 12:03		Kareem	OK
24	PB167024BS	PB167024BS	LCS	03/12/25 12:07	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
25	PB167100BL	PB167100BL	MB	03/12/25 12:11		Kareem	OK
26	PB167100BS	PB167100BS	LCS	03/12/25 12:16	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
27	CCV02	CCV02	CCV	03/12/25 12:20		Kareem	OK
28	CCB02	CCB02	CCB	03/12/25 12:24		Kareem	OK
29	PB166977BL	PB166977BL	MB	03/12/25 12:28		Kareem	OK
30	PB166977BS	PB166977BS	LCS	03/12/25 12:33	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
31	PB166963BL	PB166963BL	MB	03/12/25 12:37	Ba fail LCS	Kareem	Not Ok
32	PB166963BS	PB166963BS	LCS	03/12/25 12:41	Ba fail LCS	Kareem	Not Ok
33	Q1466-05	CITY WATER	SAM	03/12/25 12:49		Kareem	OK
34	Q1466-05DUP	CITY WATERDUP	DUP	03/12/25 12:53		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135011

Review By	kareem	Review On	3/13/2025 10:36:08 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:32:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

35	Q1466-05L	CITY WATERL	SD	03/12/25 12:58		Kareem	OK
36	Q1466-05MS	CITY WATERMS	MS	03/12/25 13:02	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
37	Q1466-05MSD	CITY WATERMSD	MSD	03/12/25 13:06	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
38	CCV03	CCV03	CCV	03/12/25 13:10		Kareem	OK
39	CCB03	CCB03	CCB	03/12/25 13:14		Kareem	OK
40	Q1466-05A	CITY WATERA	PS	03/12/25 13:18	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
41	Q1507-01	50-MIDDLESEX-AVE	SAM	03/12/25 13:22		Kareem	OK
42	Q1508-01	RBR251372	SAM	03/12/25 13:27		Kareem	OK
43	Q1510-01	FMC-25-0001-0005	SAM	03/12/25 13:31		Kareem	OK
44	PB167098BL	PB167098BL	MB	03/12/25 13:59		Kareem	OK
45	PB167098BS	PB167098BS	LCS	03/12/25 14:03	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
46	PB167099BL	PB167099BL	MB	03/12/25 14:07		Kareem	OK
47	PB167099BS	PB167099BS	LCS	03/12/25 14:12	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
48	Q1515-01	AU-06-030625	SAM	03/12/25 14:16		Kareem	OK
49	Q1515-01DUP	AU-06-030625DUP	DUP	03/12/25 14:20		Kareem	OK
50	CCV04	CCV04	CCV	03/12/25 14:24		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135011

Review By	kareem	Review On	3/13/2025 10:36:08 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:32:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

51	CCB04	CCB04	CCB	03/12/25 14:28		Kareem	OK
52	Q1540-01	OU4-CF-15R-031025	SAM	03/12/25 14:32		Kareem	OK
53	Q1540-01DUP	OU4-CF-15R-031025	DUP	03/12/25 14:37		Kareem	OK
54	Q1540-01L	OU4-CF-15R-031025	SD	03/12/25 14:41		Kareem	OK
55	Q1540-01A	OU4-CF-15R-031025	PS	03/12/25 14:58	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
56	PB167088TB	PB167088TB	MB	03/12/25 15:02		Kareem	OK
57	Q1545-01	BU-02-031125	SAM	03/12/25 15:06		Kareem	OK
58	Q1545-01DUP	BU-02-031125DUP	DUP	03/12/25 15:11		Kareem	OK
59	Q1545-01L	BU-02-031125L	SD	03/12/25 15:15		Kareem	OK
60	CCV05	CCV05	CCV	03/12/25 15:25		Kareem	OK
61	CCB05	CCB05	CCB	03/12/25 15:29		Kareem	OK
62	Q1545-01MS	BU-02-031125MS	MS	03/12/25 15:33	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
63	Q1545-01MSD	BU-02-031125MSD	MSD	03/12/25 15:37	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
64	Q1545-01A	BU-02-031125A	PS	03/12/25 15:41	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
65	Q1547-01	OR-620-JB-COMP-01	SAM	03/12/25 15:45		Kareem	OK
66	Q1547-06	OR-620-JB-COMP-02	SAM	03/12/25 15:49		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135011

Review By	kareem	Review On	3/13/2025 10:36:08 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:32:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

67	Q1549-01	72-11978	SAM	03/12/25 15:54		Kareem	OK
68	Q1515-01L	AU-06-030625L	SD	03/12/25 15:58		Kareem	OK
69	Q1515-01MS	AU-06-030625MS	MS	03/12/25 16:02	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
70	Q1515-01MSD	AU-06-030625MSD	MSD	03/12/25 16:06	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
71	Q1515-01A	AU-06-030625A	PS	03/12/25 16:10	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
72	CCV06	CCV06	CCV	03/12/25 16:25		Kareem	OK
73	CCB06	CCB06	CCB	03/12/25 16:30		Kareem	OK
74	Q1540-01MS	OU4-CF-15R-031025	MS	03/12/25 16:34	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
75	Q1540-01MSD	OU4-CF-15R-031025	MSD	03/12/25 16:38	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
76	Q1516-03	GAS-AUD-25-0026	SAM	03/12/25 16:42		Kareem	OK
77	Q1519-01	WATER TREATMENT	SAM	03/12/25 16:47		Kareem	OK
78	LR1	LR1	HIGH STD	03/12/25 16:53		Kareem	OK
79	LR2	LR2	HIGH STD	03/12/25 16:58		Kareem	OK
80	Q1517-01DL	MOO-25-0062DL	SAM	03/12/25 17:02		Kareem	OK
81	Q1522-02	TW-WTS-04	SAM	03/12/25 17:07		Kareem	OK
82	Q1522-02DUP	TW-WTS-04DUP	DUP	03/12/25 17:11		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135011

Review By	kareem	Review On	3/13/2025 10:36:08 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:32:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

83	Q1522-02L	TW-WTS-04L	SD	03/12/25 17:16		Kareem	OK
84	CCV07	CCV07	CCV	03/12/25 17:25		Kareem	OK
85	CCB07	CCB07	CCB	03/12/25 17:30		Kareem	OK
86	Q1522-02MS	TW-WTS-04MS	MS	03/12/25 17:35	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
87	Q1522-02MSD	TW-WTS-04MSD	MSD	03/12/25 17:39	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
88	Q1522-02A	TW-WTS-04A	PS	03/12/25 17:43	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
89	Q1478-07	IDW-AQ-IW-03-COMF	SAM	03/12/25 17:47		Kareem	OK
90	Q1478-07DUP	IDW-AQ-IW-03-COMF	DUP	03/12/25 17:52		Kareem	OK
91	Q1478-07L	IDW-AQ-IW-03-COMF	SD	03/12/25 17:56		Kareem	OK
92	Q1478-07MS	IDW-AQ-IW-03-COMF	MS	03/12/25 18:00	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
93	Q1478-07MSD	IDW-AQ-IW-03-COMF	MSD	03/12/25 18:05	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
94	Q1478-07A	IDW-AQ-IW-03-COMF	PS	03/12/25 18:09	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
95	Q1478-01	IDW-AQ-MW-19B-CO	SAM	03/12/25 18:13		Kareem	OK
96	CCV08	CCV08	CCV	03/12/25 18:23		Kareem	OK
97	CCB08	CCB08	CCB	03/12/25 18:27		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135011

Review By	kareem	Review On	3/13/2025 10:36:08 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:32:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846		
ICV Standard	MP84643		
CCV Standard	MP84646		
ICSA Standard	MP84644,MP84721		
CRI Standard	MP84846		
LCS Standard			
Chk Standard	MP84649,MP84650		

98	Q1478-03	IDW-AQ-IW-01-COMF	SAM	03/12/25 18:31		Kareem	OK
99	Q1478-05	IDW-AQ-IW-02-COMF	SAM	03/12/25 18:36		Kareem	OK
100	Q1477-01	RW7-SP100-2025022	SAM	03/12/25 18:40		Kareem	OK
101	Q1477-04	RW7-SP303-2025022	SAM	03/12/25 18:44		Kareem	OK
102	CCV09	CCV09	CCV	03/12/25 18:49		Kareem	OK
103	CCB09	CCB09	CCB	03/12/25 18:53		Kareem	OK

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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: 03/10/2025 Time : 08:55 Temp : 96 °C

End Digest Date: 03/10/2025 Time : 12:05 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6003
LFS-1	0.25	M6011
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	M6126
1:1 HCL	5.00	MP84720
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 55 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/10/25 13:05	SPD. met-dig.	SPD. met-dig.
	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
PB167038BL	PBW038	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB167038BS	LCS038	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6011	2
Q1514-07	ENV-105-GW01	<2	50	25	Brown	Brown	Cloudy	Clear	N/A	3
Q1514-08	ENV-103-GW01	<2	50	25	Brown	Brown	Cloudy	Clear	N/A	4
Q1514-09	FB03062025	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q1516-03	GAS-AUD-25-0026	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q1517-01	MOO-25-0062	<2	50	25	Pink	Pink	Clear	Clear	N/A	7
Q1519-01	WATER TREATMENT DISCHARGE	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q1522-02	TW-WTS-04	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
Q1522-02MS	TW-WTS-04MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6011	11
Q1522-02MSD	TW-WTS-04MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6011	12
Q1522-02DUP	TW-WTS-04DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10
Q1525-01	MW10	<2	50	25	Light Brown	Colorless	Cloudy	Clear	N/A	13



SAMPLE DATA

Report of Analysis

Client:	VERINA CONSULTING GROUP, LLC	Date Collected:	03/06/25 10:55
Project:	Rotor Clip NJ WTD - 2025	Date Received:	03/06/25
Client Sample ID:	WATER TREATMENT DISCHARGE	SDG No.:	Q1519
Lab Sample ID:	Q1519-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	0.83		1	0.045	0.10	mg/L	03/12/25 10:05	03/12/25 15:46	SM 4500-NH3 B plus G-11
BOD5	19.8		1	0.17	2.00	mg/L		03/07/25 10:30	SM 5210 B-16
COD	127		1	2.35	10.0	mg/L		03/10/25 14:35	SM 5220 D-11
Residual Chlorine	0.058	HJ	1	0.016	0.10	mg/L		03/06/25 16:27	SM 4500-Cl G-11
TSS	22.1		1	1.00	4.00	mg/L		03/10/25 10:00	SM 2540 D-15

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	Date Collected:	03/06/25 10:50
Project:	Rotor Clip NJ WTD - 2025	Date Received:	03/06/25
Client Sample ID:	WATER TREATMENT DISCHARGE	SDG No.:	Q1519
Lab Sample ID:	Q1519-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	4.60	J	1	0.40	5.00	mg/L		03/07/25 11:40	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



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB134926

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV COD	mg/L	49.329	50	99	95-105	01/22/2025
Sample ID: CCV1 COD	mg/L	50.319	50	101	95-105	03/10/2025
Sample ID: CCV2 COD	mg/L	48.339	50	97	95-105	03/10/2025

Initial and Continuing Calibration Verification

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB134932

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Residual Chlorine	mg/L	0.399	0.4	100	90-110	03/06/2025
Sample ID: CCV1 Residual Chlorine	mg/L	0.409	0.4	102	90-110	03/06/2025
Sample ID: CCV2 Residual Chlorine	mg/L	0.409	0.4	102	90-110	03/06/2025

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Initial and Continuing Calibration Verification

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB135012

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	1	1	100	90-110	03/12/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.95	1	95	90-110	03/12/2025
Sample ID: CCV2 Ammonia as N	mg/L	0.97	1	97	90-110	03/12/2025
Sample ID: CCV3 Ammonia as N	mg/L	0.95	1	95	90-110	03/12/2025

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Initial and Continuing Calibration Blank Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB134926

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB COD	mg/L	< 5.0000	5.0000	U	2.35	10	01/22/2025
Sample ID: CCB1 COD	mg/L	< 5.0000	5.0000	U	2.35	10	03/10/2025
Sample ID: CCB2 COD	mg/L	< 5.0000	5.0000	U	2.35	10	03/10/2025

Initial and Continuing Calibration Blank Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB134932

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.016	0.1	03/06/2025
Sample ID: CCB1 Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.016	0.1	03/06/2025
Sample ID: CCB2 Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.016	0.1	03/06/2025

Initial and Continuing Calibration Blank Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB135012

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	03/12/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	03/12/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	03/12/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	03/12/2025

Preparation Blank Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1519

Project: Rotor Clip NJ WTD - 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB134926BL COD	mg/L	< 5.0000	5.0000	U	2.35	10.0	03/10/2025
Sample ID: LB134930BL BOD5	mg/L	< 0.2000	0.2000	U	0.17	2.0	03/07/2025
Sample ID: LB134932BL Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.016	0.1	03/06/2025
Sample ID: LB134949BL Oil and Grease	mg/L	< 2.5000	2.5000	U	0.4	5.0	03/07/2025
Sample ID: LB134975BL TSS	mg/L	1	2.0000	J	1	4	03/10/2025
Sample ID: PB167063BL Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	03/12/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1513-01
Client ID:	DSN002MS	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	117		74.1		50.0	1	86		03/10/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1513-01
Client ID:	DSN002MSD	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	119		74.1		50.0	1	90		03/10/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1519-01
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
Residual Chlorine	mg/L	71-148	0.39		0.058	J	0.4	1	83		03/06/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1519-01
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
Residual Chlorine	mg/L	71-148	0.40		0.058	J	0.4	1	85		03/06/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1519-02
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
Oil and Grease	mg/L	78-114	24.6		4.60	J	20.0	1	100		03/07/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1519-02
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
Oil and Grease	mg/L	78-114	24.8		4.60	J	20.0	1	101		03/07/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1539-02
Client ID:	TAPFTA-MW01I-031025-00-T2MS	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	1.20		0.23		1	1	97		03/12/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1539-02
Client ID:	TAPFTA-MW01I-031025-00-T2MSD	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	1.20		0.23		1	1	97		03/12/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1494-01
Client ID:	PURGE-WATERDUP	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
BOD5	mg/L	+/-20	5.64		5.80		1	2.8		03/07/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1513-01
Client ID:	DSN002DUP	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
COD	mg/L	+/-20	74.1		73.1		1	1.36		03/10/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1513-01
Client ID:	DSN002MSD	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
COD	mg/L	+/-20	117		119		1	1.69		03/10/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1513-05
Client ID:	DSN003DUP	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	12.4		12.5		1	0.8		03/10/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1519-01
Client ID:	WATER TREATMENT 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	0.058	J	0.058	J	1	0		03/06/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1519-01
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
Residual Chlorine	mg/L	+/-20	0.39		0.40		1	2.54		03/06/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1519-02
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
Oil and Grease	mg/L	+/-18	24.6		24.8		1	0.81		03/07/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1539-02
Client ID:	TAPFTA-MW01I-031025-00-T2DUP	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	0.23		0.23		1	0		03/12/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1539-02
Client ID:	TAPFTA-MW01I-031025-00-T2MSD	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	1.20		1.20		1	0		03/12/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB134926

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134926BS							
COD	mg/L	50	49.3		99	1	90-110	03/10/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB134930

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134930BS							
BOD5	mg/L	198	184		93	1	84.6-115.4	03/07/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB134932

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134932BS							
Residual Chlorine	mg/L	0.4	0.41		102	1	90-110	03/06/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB134949

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134949BS							
Oil and Grease	mg/L	20.0	16.7		84	1	78-114	03/07/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB134975

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134975BS							
TSS	mg/L	550	532		97	1	90-110	03/10/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1519
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB135012

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167063BS							
Ammonia as N	mg/L	1	0.98		98	1	90-110	03/12/2025

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB134926

Review By	Niha	Review On	3/10/2025 2:48:08 PM
Supervise By	Iwona	Supervise On	3/10/2025 2:56:48 PM
SubDirectory	LB134926	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	WP111522,WP111519,WP111517,WP111520,WP111518,WP111516,W3126,WP112204,WP112203		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	01/22/25 13:30		Niha	OK
2	CAL2	CAL2	CAL	01/22/25 13:30		Niha	OK
3	CAL3	CAL3	CAL	01/22/25 13:31		Niha	OK
4	CAL4	CAL4	CAL	01/22/25 13:31		Niha	OK
5	CAL5	CAL5	CAL	01/22/25 13:32		Niha	OK
6	ICV	ICV	ICV	01/22/25 13:32		Niha	OK
7	ICB	ICB	ICB	01/22/25 13:33		Niha	OK
8	CCV1	CCV1	CCV	03/10/25 14:30		Niha	OK
9	CCB1	CCB1	CCB	03/10/25 14:30		Niha	OK
10	LB134926BL	LB134926BL	MB	03/10/25 14:31		Niha	OK
11	LB134926BS	LB134926BS	LCS	03/10/25 14:31		Niha	OK
12	Q1468-06	COD	SAM	03/10/25 14:32		Niha	OK
13	Q1513-01	DSN002	SAM	03/10/25 14:32		Niha	OK
14	Q1513-01DUP	DSN002DUP	DUP	03/10/25 14:33		Niha	OK
15	Q1513-01MS	DSN002MS	MS	03/10/25 14:33	0.5ml WP112201 + 9.5ml Sample	Niha	OK
16	Q1513-01MSD	DSN002MSD	MSD	03/10/25 14:34	0.5ml WP112201 + 9.5ml Sample	Niha	OK
17	Q1513-03	DSN001	SAM	03/10/25 14:34		Niha	OK
18	Q1513-05	DSN003	SAM	03/10/25 14:35		Niha	OK

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB134926

Review By	Niha	Review On	3/10/2025 2:48:08 PM
Supervise By	Iwona	Supervise On	3/10/2025 2:56:48 PM
SubDirectory	LB134926	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	WP111522,WP111519,WP111517,WP111520,WP111518,WP111516,W3126,WP112204,WP112203		

19	Q1519-01	WATER TREATMENT	SAM	03/10/25 14:35		Niha	OK
20	CCV2	CCV2	CCV	03/10/25 14:36		Niha	OK
21	CCB2	CCB2	CCB	03/10/25 14:36		Niha	OK

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB134930

Review By	rubina	Review On	3/12/2025 12:32:19 PM
Supervise By	Iwona	Supervise On	3/12/2025 12:34:10 PM
SubDirectory	LB134930	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	WP112227,W3149,W310386,W3103,W3109,W3105,WP112229,WP112228,WP111323		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB134930BL	LB134930BL	MB	03/07/25 10:30			OK
2	LB134930BS	LB134930BS	LCS	03/07/25 10:30			OK
3	Q1494-01	PURGE-WATER	SAM	03/07/25 10:30			OK
4	Q1494-01DUP	PURGE-WATERDUP	DUP	03/07/25 10:30			OK
5	Q1513-01	DSN002	SAM	03/07/25 10:30			OK
6	Q1513-03	DSN001	SAM	03/07/25 10:30			OK
7	Q1513-05	DSN003	SAM	03/07/25 10:30			OK
8	Q1519-01	WATER TREATMENT	SAM	03/07/25 10:30			OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134932

Review By	Niha	Review On	3/7/2025 8:24:33 AM
Supervise By	Iwona	Supervise On	3/7/2025 9:01:03 AM
SubDirectory	LB134932	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	WP112217,WP112212,WP112213,WP112214,WP112211,WP112215,WP112216,W3147		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	03/06/25 15:50		Niha	OK
2	CAL2	CAL2	CAL	03/06/25 15:53		Niha	OK
3	CAL3	CAL3	CAL	03/06/25 15:56		Niha	OK
4	CAL4	CAL4	CAL	03/06/25 15:59		Niha	OK
5	CAL5	CAL5	CAL	03/06/25 16:02		Niha	OK
6	CAL6	CAL6	CAL	03/06/25 16:05		Niha	OK
7	ICV	ICV	ICV	03/06/25 16:08		Niha	OK
8	ICB	ICB	ICB	03/06/25 16:11		Niha	OK
9	CCV1	CCV1	CCV	03/06/25 16:14		Niha	OK
10	CCB1	CCB1	CCB	03/06/25 16:17		Niha	OK
11	LB134932BL	LB134932BL	MB	03/06/25 16:20		Niha	OK
12	LB134932BS	LB134932BS	LCS	03/06/25 16:23		Niha	OK
13	Q1519-01	WATER TREATMENT	SAM	03/06/25 16:27		Niha	OK
14	Q1519-01DUP	WATER TREATMENT	DUP	03/06/25 16:30		Niha	OK
15	Q1519-01MS	WATER TREATMENT	MS	03/06/25 16:33		Niha	OK
16	Q1519-01MSD	WATER TREATMENT	MSD	03/06/25 16:36		Niha	OK
17	CCV2	CCV2	CCV	03/06/25 16:39		Niha	OK
18	CCB2	CCB2	CCB	03/06/25 16:42		Niha	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB134949

Review By	jignesh	Review On	3/7/2025 2:29:21 PM
Supervise By	Iwona	Supervise On	3/10/2025 9:37:09 AM
SubDirectory	LB134949	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	W3177,M6069,EP2590,WP110826,NA,NA,WP110827,NA,WP110828		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB134949BL	LB134949BL	MB	03/07/25 11:40		jignesh	OK
2	LB134949BS	LB134949BS	LCS	03/07/25 11:40		jignesh	OK
3	Q1495-01	001-WILLETS-PT-BL	SAM	03/07/25 11:40		jignesh	OK
4	Q1495-02	002-35TH-AVE(MAR)	SAM	03/07/25 11:40		jignesh	OK
5	Q1519-02	WATER TREATMENT	SAM	03/07/25 11:40		jignesh	OK
6	Q1519-03	Q1519-02MS	MS	03/07/25 11:40		jignesh	OK
7	Q1519-04	Q1519-02MSD	MSD	03/07/25 11:40		jignesh	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB134975

Review By	jignesh	Review On	3/11/2025 8:50:13 AM
Supervise By	Iwona	Supervise On	3/11/2025 10:13:18 AM
SubDirectory	LB134975	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	LB134975BL	LB134975BL	MB	03/10/25 10:00		jignesh	OK
2	LB134975BS	LB134975BS	LCS	03/10/25 10:00	55 mg w2576 + 100ml w3112	jignesh	OK
3	Q1512-01	TOWERS-1	SAM	03/10/25 10:00		jignesh	OK
4	Q1512-02	TOWERS-2	SAM	03/10/25 10:00		jignesh	OK
5	Q1513-01	DSN002	SAM	03/10/25 10:00		jignesh	OK
6	Q1513-03	DSN001	SAM	03/10/25 10:00		jignesh	OK
7	Q1513-05	DSN003	SAM	03/10/25 10:00		jignesh	OK
8	Q1513-05DUP	DSN003DUP	DUP	03/10/25 10:00		jignesh	OK
9	Q1519-01	WATER TREATMENT	SAM	03/10/25 10:00		jignesh	OK
10	Q1522-01	TW-WTS-03	SAM	03/10/25 10:00		jignesh	OK
11	Q1522-02	TW-WTS-04	SAM	03/10/25 10:00		jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB135012

Review By	rubina	Review On	3/13/2025 1:18:04 PM
Supervise By	Iwona	Supervise On	3/13/2025 1:50:26 PM
SubDirectory	LB135012	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP112278		
ICV Standard	WP112280		
CCV Standard	WP112279		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP111947		
Chk Standard	WP112163,WP111745,WP111385,WP111660		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	03/12/25 14:51		rubina	OK
2	0.1PPM	0.1PPM	CAL2	03/12/25 14:51		rubina	OK
3	0.2PPM	0.2PPM	CAL3	03/12/25 14:51		rubina	OK
4	0.4PPM	0.4PPM	CAL4	03/12/25 14:51		rubina	OK
5	1.0PPM	1.0PPM	CAL5	03/12/25 14:51		rubina	OK
6	1.3PPM	1.3PPM	CAL6	03/12/25 14:51		rubina	OK
7	2.0PPM	2.0PPM	CAL7	03/12/25 14:51		rubina	OK
8	ICV1	ICV1	ICV	03/12/25 15:25		rubina	OK
9	ICB1	ICB1	ICB	03/12/25 15:25		rubina	OK
10	CCV1	CCV1	CCV	03/12/25 15:25		rubina	OK
11	CCB1	CCB1	CCB	03/12/25 15:25		rubina	OK
12	RL	RL	SAM	03/12/25 15:25		rubina	OK
13	PB167063BL	PB167063BL	MB	03/12/25 15:25		rubina	OK
14	PB167063BS	PB167063BS	LCS	03/12/25 15:36		rubina	OK
15	Q1505-11	PT-NUT1-WP	SAM	03/12/25 15:36	High	rubina	Dilution
16	Q1519-01	WATER TREATMENT	SAM	03/12/25 15:46		rubina	OK
17	Q1539-01	TAPIAL3-MW03D-031	SAM	03/12/25 15:46		rubina	OK
18	Q1539-02	TAPFTA-MW011-0310	SAM	03/12/25 15:46		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB135012

Review By	rubina	Review On	3/13/2025 1:18:04 PM
Supervise By	Iwona	Supervise On	3/13/2025 1:50:26 PM
SubDirectory	LB135012	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP112278		
ICV Standard	WP112280		
CCV Standard	WP112279		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP111947		
Chk Standard	WP112163,WP111745,WP111385,WP111660		

19	Q1539-02DUP	TAPFTA-MW01I-0310	DUP	03/12/25 15:46		rubina	OK
20	Q1539-02MS	TAPFTA-MW01I-0310	MS	03/12/25 15:55		rubina	OK
21	Q1539-02MSD	TAPFTA-MW01I-0310	MSD	03/12/25 15:55		rubina	OK
22	CCV2	CCV2	CCV	03/12/25 15:55		rubina	OK
23	CCB2	CCB2	CCB	03/12/25 15:55		rubina	OK
24	Q1505-11DL	PT-NUT1-WPDL	SAM	03/12/25 16:25	Report 2X	rubina	Confirms
25	CCV3	CCV3	CCV	03/12/25 16:25		rubina	OK
26	CCB3	CCB3	CCB	03/12/25 16:29		rubina	OK

LAB CHRONICLE

OrderID:	Q1519	OrderDate:	3/6/2025 2:23:00 PM
Client:	VERINA CONSULTING GROUP, LLC	Project:	Rotor Clip NJ WTD - 2025
Contact:	Michael Valenzi	Location:	F11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1519-01	WATER TREATMENT DISCHARGE	WATER			03/06/25 10:55	03/12/25		03/06/25
			Ammonia	SM4500-NH3			03/12/25 15:46	
			BOD5	SM5210 B			03/07/25 10:30	
			COD	SM5220 D			03/10/25 14:35	
			Residual Chlorine	SM4500 Cl G			03/06/25 16:27	
			TSS	SM2540 D			03/10/25 10:00	
Q1519-02	WATER TREATMENT DISCHARGE	WATER			03/06/25 10:50			03/06/25
			Oil and Grease	1664A			03/07/25 11:40	

SOP ID : MSM4500-NH3 B,G-Ammonia-17

SDG No : N/A

Start Digest Date: 03/12/2025 **Time :** 10:05 **Temp :** 150 °C

Matrix : WATER

End Digest Date: 03/12/2025 **Time :** 11:05 **Temp :** 158 °C

Pipette ID : WC

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: /2

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP111947
MS/MSD SPIKE SOL.	1.0ML	WP111946
PBW	50.0ML	W3112
RL CHECK	N/A	AS PER PB167083
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP111325
NAOH 6N	0.5-2.0ML	WP111318
H2SO4 0.04N	5.0ML	WP110335
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 WP111604,

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/12/2025 11:15	RM CWL	RM CWL
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB167063BL	PBW063	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB167063BS	LCS063	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q1505-11	PT-NUT1-WP	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q1519-01	WATER TREATMENT DISCHARGE	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q1539-01	TAPIAL3-MW03D-031025-00-T1	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q1539-02	TAPFTA-MW01I-031025-00-T2	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q1539-02DUP	TAPFTA-MW01I-031025-00-T2DUP	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q1539-02MS	TAPFTA-MW01I-031025-00-T2MS	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q1539-02MSD	TAPFTA-MW01I-031025-00-T2MSD	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

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

CLIENT PROJECT INFORMATION

PROJECT NAME: ROTOR CLIP
PROJECT NO.: 5183-0001 LOCATION: NJ
PROJECT MANAGER: MICHAEL VALENZI
e-mail: mvaenzi@vcg-llc.com
PHONE: 908-864-4400 FAX: 908-864-4401

CLIENT BILLING INFORMATION

BILL TO: SEE LEFT PO#: 5183-0001
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. TPH-SGT
2. BOD
3. TSS
4. Cr, Cu, Ni, Zn
5. Chloride Demand
6. COD
7. Ammonia
8.
9.

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		C	E	E	B	E	C	C			
1.	Water Treatment Discharge	WW	X		3/6/25	10:55	6		X	X	X	X	X	X			
2.	Water Treatment Discharge	WW		X	3/6/25	10:50	3	X									MS/MSD completed for SG TPH-SGT Analysis
3.																	
4.																	
5.																	
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8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>Much/Val</u>	DATE/TIME: <u>3/6/25 11:21</u>	RECEIVED BY: <u>[Signature]</u> <u>1331</u> <u>3-6-25</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.2</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY:	Comments: <u>Flow Rate = 60</u> <u>pH = 9.8</u> <u>Temperature = 72.3</u> <u>Cr, Cu, Ni, Zn = Metals Group 4</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>3-6-25</u>	RECEIVED BY:	Page <u>1</u> of <u>1</u> CLIENT: ☐ Hand Delivered ☐ Other
			Shipment Complete ☐ YES ☐ NO

Laboratory Certification

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