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

# 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**

Table Of Contents for Q1519

# DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : CHEMTECH

Client : VERINA CONSULTING GROUP, LLC

Project Location :

Project Number : 5183.0001 - Rotor Clip NJ WTD - 2025

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 Cl 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?<br>b)Were these reporting limits met? | ☑ Yes ☐ No<br>☑ Yes ☐ No ☐ N/A |
| 6 | For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP? | ☑ Yes ☐ No |
| 7 | Are project-specific matrix spikes and/or laboratory duplicates included in this data set? | ☑ Yes ☐ No |

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

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# Cover Page

**Order ID :** Q1519

**Project ID :** Rotor Clip NJ WTD - 2025

**Client :** VERINA CONSULTING GROUP, LLC

| Lab Sample Number | Client Sample Number |
|---|---|
| Q1519-01 | WATER TREATMENT DISCHARGE |
| Q1519-02 | WATER TREATMENT DISCHARGE |
| Q1519-03 | WATER TREATMENT DISCHARGEMS |
| Q1519-04 | 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 : APPROVED
*By Nimisha Pandya, QA/QC Supervisor at 1:41 pm, Mar 18, 2025*

Date: 3/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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# 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_____ APPROVED
*By Nimisha Pandya, QA/QC Supervisor at 1:41 pm, Mar 18, 2025*

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# 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_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 1:42 pm, Mar 18, 2025

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922



## 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<br>**"P"** for ICP instrument<br>**"PM"** for ICP when Microwave Digestion is used<br>**"CV"** for Manual Cold Vapor AA<br>**"AV"** for automated Cold Vapor AA<br>**"CA"** for MIDI-Distillation Spectrophotometric<br>**"AS"** for Semi –Automated Spectrophotometric<br>**"C"** for Manual Spectrophotometric<br>**"T"** for Titrimetric<br>**"NR"** for analyte not required to be analyzed |
| **OR** | Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis. |
| **Q** | Indicates the LCS did not meet the control limits requirements |
| H | Sample Analysis Out Of Hold Time |

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## APPENDIX A

## QA REVIEW GENERAL DOCUMENTATION

**Project #:** 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 Castody** | ✓ |
| **Were the samples received within hold time** | ✓ |
| **Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle** | ✓ |
| **ANALYTICAL:** | |
| **Was method requirement followed?** | ✓ |
| **Was client requirement followed?** | ✓ |
| **Does the case narrative summarize all QC failure?** | ✓ |
| **All runlogs and manual integration are reviewed for requirements** | ✓ |
| **All manual calculations and /or hand notations verified** | ✓ |

**QA Review Signature:** SOHIL JODHANI **Date:** 03/17/2025

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

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# 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 |

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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 |
|---|---|---|---|---|---|---|---|---|---|
| **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 |

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# 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 |

# METAL CALIBRATION DATA

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# 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 |

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# 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 |

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# 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 |

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Fax : 908 789 8922



# 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 |

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# Metals
## - 4 -
## 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

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# metals
## - 5a -
## MATRIX SPIKE 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-04MS

**Percent Solids for Sample:** NA **Spiked ID:** Q1522-02MS **Percent Solids for Spike Sample:** NA

| 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 |

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# metals
## - 5a -
## MATRIX SPIKE DUPLICATE 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-04MSD

**Percent Solids for Sample:** NA **Spiked ID:** Q1522-02MSD **Percent Solids for Spike Sample:** NA

| 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 |

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# 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

## - 6 -
## 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 ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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# Metals

## - 6 -

## 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 ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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## Metals



### LABORATORY CONTROL SAMPLE SUMMARY

**Client:** 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 |

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# 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) | C | Serial Dilution Result (S) | C | % Difference | 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**
**- 14 -**
**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

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# Metals
## - 11 -
## 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 |

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# Metals
## - 11 -
## 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 |

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# Metals
## - 11 -
## 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: 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 |

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# Metals
## - 11 -
## 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: 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 |

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# Metals
## - 11 -
## 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** | | | **03/06/25** | | | **03/06/25** |
| | | | Metals Group5 | 6010D | | 03/10/25 | 03/12/25 | |

# METAL PREPARATION & ANALYICAL SUMMARY

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# Metals
## - 13 -
## 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 | |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch 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 |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch 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 |

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Fax : 908 789 8922



**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch 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 |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch 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 |

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Fax : 908 789 8922



**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch 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-031025I | 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-031025I | 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 |

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**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch 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-COMP | SAM | 03/12/25 17:47 | | Kareem | OK |
| 90 | Q1478-07DUP | IDW-AQ-IW-03-COMP | DUP | 03/12/25 17:52 | | Kareem | OK |
| 91 | Q1478-07L | IDW-AQ-IW-03-COMP | SD | 03/12/25 17:56 | | Kareem | OK |
| 92 | Q1478-07MS | IDW-AQ-IW-03-COMP | 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-COMP | 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-COMP | 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 |

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Fax : 908 789 8922



**Instrument ID:** P4

## Daily Analysis Runlog For Sequence/QCBatch 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-COMP | SAM | 03/12/25 18:31 | | Kareem | OK |
| 99 | Q1478-05 | IDW-AQ-IW-02-COMP | 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 |

Alliance TECHNICAL GROUP

**Water Metals Preparation Sheet**

PB167038

**SOP ID :** M3010A-Digestion-17

**SDG No :** N/A

**Matrix :** WATER

**Pippete ID:** ICP A

**Balance ID :** N/A

**Filter paper ID :** N/A

**pH Strip ID :** M6069

**Hood ID :** #3

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

**Start Digest Date:** 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

| Standared 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. | |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

**Water Metals Preparation Sheet**

**PB167038**

| 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

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



# 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

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Fax : 908 789 8922



# 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

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Fax : 908 789 8922



# 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 |

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# 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 |

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



# 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 |

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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.:** | 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 |

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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.:** | 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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 |

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# 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** |

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# 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 |

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# 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 |

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# 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 |

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**Instrument ID:** SPECTROPHOTOMETER-2

## Daily Analysis Runlog For Sequence/QCBatch 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 |

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**Instrument ID:** SPECTROPHOTOMETER-2

## Daily Analysis Runlog For Sequence/QCBatch 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 |

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**Instrument ID:** DO METER

## Daily Analysis Runlog For Sequence/QCBatch 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,WP110386,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 |

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Fax : 908 789 8922

**Instrument ID:** SPECTROPHOTOMETER-1

## Daily Analysis Runlog For Sequence/QCBatch 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 |

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**Instrument ID:** WC SC-3

## Daily Analysis Runlog For Sequence/QCBatch 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 |

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**Instrument ID:** WC SC-3

## Daily Analysis Runlog For Sequence/QCBatch 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 |

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**Instrument ID:** KONELAB

## Daily Analysis Runlog For Sequence/QCBatch 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-MW01I-0310 | SAM | 03/12/25 15:46 | | rubina | OK |

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**Instrument ID:** KONELAB

## Daily Analysis Runlog For Sequence/QCBatch 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 |

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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** | | | **03/06/25 10:55** | | | **03/06/25** |
| | | | Ammonia | SM4500-NH3 | | 03/12/25 | 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 | |

Alliance TECHNICAL GROUP

**Water Ammonia Preparation Sheet**

PB167063

**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

**Pippete 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:** 12

| Standared 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 (WC) | RM (WC) |
| | Preparation Group | Analysis Group |

Alliance TECHNICAL GROUP

## Water Ammonia Preparation Sheet

## PB167063

| 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

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

ALLIANCE PROJECT NO. Q1519
QUOTE NO.
COC Number 2045851

7
7.1

## 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: mvalenzi@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:

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

## ANALYSIS

1: TPH-SGT
2: BOD
3: TSS
4: Cr, Cu, Ni, Zn
5: Chlorine Demand
6: COD
7: Ammonia
8:
9:

| ALLIANCE SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # OF BOTTLES | PRESERVATIVES 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | C | E | E | B | E | C | C | | | ← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER |
| 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 compexed for SGT TPH-SGT Analysis |
| 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: | DATE/TIME: | RECEIVED BY: |
|---|---|---|
| 1. Michael Valenzi | 3/6/25 11:21 | 1. 3-6-25 1321 |
| RELINQUISHED BY SAMPLER: | DATE/TIME: | RECEIVED BY: |
| 2. | | 2. |
| RELINQUISHED BY SAMPLER: | DATE/TIME: 1515 3-6-25 | RECEIVED BY: |
| 3. | | 3. |

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.2 °C
Comments: Flow Rate = 60
pH = 9.8
Temperature = 72.3
Cr, Cu, Ni, Zn = Metals Group 4

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO



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

# Laboratory Certification

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