

ANALYTICAL REPORT

Job Number: 420-205769-1

SDG Number: High School/ Middle School

Job Description: Rhinebeck Central School District

For:

Rhinebeck Central School District 45 North Park Road Rhinebeck, NY 12572

Attention: Sheldon Tieder

Designee for

Debra Bayer

Customer Service Manager

dbayer@envirotestlaboratories.com

09/08/2021

NYSDOH ELAP does not certify for all parameters. EnviroTest Laboratories does hold certification for all analytes where certification is offered by ELAP unless otherwise specified in the Certification Information section of this report Pursuant to NELAP, this report may not be reproduced, except in full, without written approval of the laboratory. EnviroTest Laboratories LLC certifies that the analytical results contained herein apply only to the samples tested as received by our laboratory. All questions regarding this report should be directed to the EnviroTest Customer Service Representative. All services performed by EnviroTest Laboratories LLC are subject to our Terms and Conditions available at Envirotestlabs/terms.com. As of 12/23/19, EnviroTest Laboratories LLC acquired substantially all of the lab and testing assets of EnviroTest Laboratories Inc, including its name.

EnviroTest Laboratories, LLC. Certifications and Approvals: NYSDOH 10142, NJDEP NY015, CTDOPH PH-0554



METHOD SUMMARY

Client: Rhinebeck Central School District Job Number: 420-205769-1

SDG Number: High School/ Middle School

| Description | Lab Location | Method Preparation Method | |
|---------------------------------------------------|--------------|---------------------------|--|
| Matrix: Water | | | |
| ICPMS Metals by 200.8 | EnvTest | EPA 200.8 Rev.5.4 | |
| 200 Series Drinking Water Prep Determination Step | EnvTest | EPA 200.7/200.8 | |

Lab References:

EnvTest = EnviroTest

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: Rhinebeck Central School District Job Number: 420-205769-1

SDG Number: High School/ Middle School

 Method
 Analyst
 Analyst ID

 EPA 200.8 Rev.5.4
 Luis, Carlos
 CL

SAMPLE SUMMARY

Client: Rhinebeck Central School District Job Number: 420-205769-1

SDG Number: High School/ Middle School

| | | | Date/Time | Date/Time | | | | | |
|---------------|---------------------------------|----------------|-----------------|-----------------|--|--|--|--|--|
| Lab Sample ID | Client Sample ID | Client Matrix | Sampled | Received | | | | | |
| 420-205769-1 | #148 Room 209 Sink 3 Rear Rt | Drinking Water | 09/03/2021 0633 | 09/03/2021 1630 | | | | | |

Sheldon Tieder Job Number: 420-205769-1
Rhinebeck Central School District Sdg Number: High School/ Middle School
45 North Park Road
Rhinebeck, NY 12572

 Client Sample ID:
 #148 Room 209 Sink 3 Rear Rt
 Date Sampled:
 09/03/2021 0633

 Lab Sample ID:
 420-205769-1
 Date Received:
 09/03/2021 1630

 Client Matrix:
 Drinking Water

| Analyte | Result/Qualifier | Unit | RL | RL | Dilution |
|--------------------------|------------------|----------|---------|-----------------|----------|
| Method: 200.8 Rev.5.4 | | Date An | alyzed: | 09/07/2021 2319 | |
| Prep Method: 200.7/200.8 | | Date Pro | epared: | 09/05/2021 1300 | |
| Lead | 2.3 | ua/L | 1.0 | 1.0 | 1.0 |

DATA REPORTING QUALIFIERS

Lab Section Qualifier Description

Certification Information

The following analytes are Not Part of the ELAP scope of accreditation:

Sulfur, Tungsten, Bicarbonate Alkalinity, 7 Day BOD 5210C, 28 Day BOD, Soluble BOD, Carbon Dioxide, Carbonate Alkalinity, CBOD Soluble, Chlorine, Cyanide (WAD), Ferrous Iron, Ferric Iron, Total Nitrogen, Total Organic Nitrogen, Dissolved Oxygen, pH, Solids (Fixed), Solids (Percent), Solids (Percent Moisture), Solids (Percent Volatile), Solids (Volatile Suspended), Temperature, TKN (Soluble), COD (Soluble), Total Inorganic Carbon, 2-Aminopyridine, 3-Picoline, 1-Methyl-2-pyrrilidinone, Aziridine, Dimethyl sulfoxide, 1-Chlorohexane, 1,2,4,5-Tetramethylbenzene, 4-Ethyl toluene, p-Diethylbenzene, Iron Bacteria, Salmonella, Sulfur Reducing Bacteria, & UOD (Ultimate Oxygen Demand).

The following analytes are Not Part of ELAP Potable Water scope of accreditation:

Ammonia (SM 4500NH3G), Biochemical Oxygen Demand (SM 5210B), Chemical Oxygen Demand (EPA 410.4), Dissolved Oxygen (SM 4500 O C), TKN (351.2), Phosphorus (365.3), Nitrate-Nitrite (353.2), Settable Solids (SM 2540F), Total Suspended Solids (SM 2540 C), m-Xylene & p-Xylene (502.2, 524), o-Xylene (502.2, 524), Sulfide (SM4500SD), Acenaphthene (525.2), Acenaphthylene (525.2), Fluoranthene (525.2), Fluorene (525.2), Pyrene (525.2), Benzo[a]anthracene (525.2), Benzo[b]fluoranthene (525.2), Benzo[g,h,i]perylene (525.2), Benzo[k]fluoranthene (525.2), Indeno[1,2,3-cd]pyrene (525.2), & Dibenz(a,h)anthracene (525.2). Pyridine

The following analytes are Not Part of ELAP Solid and Hazardous Waste scope of accreditation:

Ammonia (SM 4500NH3G), TKN (351.2), Phosphorus (365.3), 1,2-Dichloro-1,1,2-trifluoroethane (8260), & Chlorodifluoromethane (8260).

The following analytes are Not Part of ELAP Non Potable Water scope of accreditation:

Dissolved Organic Carbon (5310C), Mecoprop (8151A), MCPA (8151A).

Definitions and Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| %R | Percent Recovery |
| DL, RA, RE | Indicates a Dilution, Reanalysis or Reextraction. |
| EPA | United States Environmental Protection Agency |
| MDL | Method Detection Limit - an estimate of the minimum amount of a substance that an analytical process can reliably detect. A MDL is analyte- and matrix-specific and may be laboratory-dependent. |
| ND | Not detected at the reporting limit (or MDL if shown). |
| QC | Quality Control |
| RL | Reporting Limit - the minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. |
| RPD | Relative Percent Difference - a measure of the relative difference between two points. |

EnviroTest Laboratories, LLC

315 Fullerton Avenue Newburgh, NY 12550 Phone (845) 562-0890 Fax (845) 562-0841

Chain of Custody Record

EnviroTest
Laboratories

| Phone (845) 502-0090 Fax (645) 502-0041 | Sampler: | | | La | b PM: | | | | | | | | rable 1 | | | | | JOB#: |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------------|------------------|---------------------|--------------------------|-----------------------------|--------------|----------|---------------|-------------|------------|---------------------|---------|----------------------------------------------|----------|-----------|-------|-------------------------------------|
| Client Information | | | | | | | | | | | | | | vel li Cat l | | | | 20=11-0 |
| Client Contact: Sheldon Tiedes | Phone: 45-87 | 71-5500 | 2 ×55 | Z9 E | ^{Mail:} St√e | <u>der</u> | <u>O</u> † | 10,v | doe | <u>edec</u> | sal | | (Spe | | | | | 205769 |
| company: Rhindereck Central School | Dist | | | | | | | | Ana | یء lysis | ⊮~લ Req | ues | ted | | | | | Page: Page 1 of 1 |
| | Due Date Requeste | ed: | | | | | | | | | | | | | | | | Preservation Codes: |
| 45 North Park Road City: Time The Road | TAT Requested (da | ays): | | | -11 | 1 | | | | | | | | | | | | A - HCL B - NaOH M - Sodium Sulfite |
| Kninebeck | | | | | | | | | | | | | | | | | | D - Nitric Acid N - None |
| State, Zip: NY 1257Z | | | | | | | | | İ | | | | | | | | | E - H2SO4 P - Other (specify) |
| Phone: 845 - 871-5500 x 5529 | PO #: | | | | | | | | | | | | | | | | | G - NH4CL H - Ascorbic Acid |
| Email: Stredyo Minebeekcsd.org | PWS #: | | | | or N | Q Q | | : | | | | | | | | | S | I - Ice J - DI Water |
| Project Name: | Project #: | | | | | Z Z | | | | | | | | | | | ainer | K - Sodium Thiosulfate |
| Site: | , Additional Contacts: | : | | | - lgl | (Yes | | | | | | | | | | | conta | Other: |
| Site: Rhinebeck High School Middle Sc | 100 | | | Matrix (D) | Sam | sent se | | | | | | | | | | | r of | Upon Receipt Preservation verified: |
| ' | | | Sample | drinking water, | tered | Chlorine Present (Yes or No | امــا | | | | | | | | | ĺ | admir | Y / N |
| | | Sample | Type (C=comp, | W=wate | r, 🗒 | Chlorine | 6 | | | | | | | | | | N N | |
| Sample Identification Client ID (Lab ID) | Sample Date | Time | G=grab) | S=solid O=waste/ | oil, ii d | | | | | | | | | S. O. C. | | | P | |
| | | >< | Preserva | | | Ψ | \downarrow | | | | | | 8. | 25 | | | _ | Special Instructions/Note: |
| #148 Room 2095 ink 3 Rear Right | 9/3/21 | 6:33AY | 6 | D W | _∐ | _ _ | | | | | | | | | _ | | | |
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| | | | | _ | | | | | | | | | | _ | | 4 | | * Rush as per Ran. |
| | | | | | 42 | 0-20 | 7576 | Q_R | 11111111 1 | 1111 | | | | | | | | |
| | | | | #148 | Room 209 | Sink 3 | Rear F | ₹t | | | | | | | | | 15. | |
| | | | | Date: | Sampled: | 9/3/202 | 21 | 42 | 0-177 | 75674 | | | | | | | 9 | |
| Container Code: P=Plastic, A=Amber, V=Vial, G=Glass, B=Bacteria | C=Cube O=Ott | er T=Terrac | ore D=BOD | <u> </u> | | 1 | ı | 1 1 | 1 | 1 | | | Д | | | | | Container Type |
| Container Code: P=Plastic, A=Amber, V=Vial, G=Glass, B=Bacteria Size Code: 1=Liter, 2=250 mL, 3=125 mL, 4=40 mL, 5=Gallon, 6=Ha | | | | | | 1 | | | | | | | | | | | | Container Size |
| Preservation Added Upon Receipt: | | Date: | | | Tim | e: | | | | | | | Samp | le # (s |): | | | |
| Manufacturger/Logr#1 | Inate/Time: / / | <u>. </u> | 1116 | Company | | IRe | ceived I | oy: | | | | | L | - 11 | Date/T | ime: | | Company |
| Relinquished by: | Date/Time: /3/6 | 21 11: | 45 | | | | ceived I | <u> </u> | | | | | | | 9 | <u>-3</u> | -21 | 1/4/le ET- |
| Relinedisted by: | Date/Time: | 21 / | 630 | Company | _ | Re | ceived I | oy: RA | 1K | | | | |] | Jate/ I | ıme: | 9131 | 21 16:30 Company ETL |
| Relinquished by: | Date/Time: | | <u>e</u> | Company | | | ceived I | | •• | | | | | Ī | Date/T | ime: | | Company |
| | | | Custody S | eals Inta | ct: | Δ Co | oler Ter | nperatu | re(s) °(| C/ IR G | JN #: | $\overline{\Delta}$ | 00 | | | | | |
| CE Present: Custody Seal No.: | | | Yes ∆ N | | | | | | \ · / | | _ | U, | 3 | / | | | | 09/08/20 |

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Rhinebeck Central School District Job Number: 420-205769-1

SDG Number: High School/ Middle School

Login Number: 205769

| Question | T/F/NA | Comment |
|----------------------------------------------------------------------------------|--------|---------|
| Samples were collected by ETL employee as per SOP-SAM-1 | NA | |
| The cooler's custody seal, if present, is intact. | NA | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is recorded. | True | 0.1 C |
| Cooler Temp. is within method specified range.(0-4 C PW, 0-6 C NPW, or BAC <10 C | True | |
| If false, was sample received on ice within 6 hours of collection. | NA | |
| Based on above criteria cooler temperature is acceptable. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | NA | |
| If necessary, staff have been informed of any short hold time or quick TAT needs | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |