

ANALYTICAL REPORT

Job Number: 420-208469-1 SDG Number: New Paltz High School Job Description: Ulster BOCES

> For: Ulster BOCES 175 Route 32 North New Paltz, NY 12561

Attention: Christy Fischer

10m

Designee for Meredith W Ruthven Customer Service Manager mruthven@envirotestlaboratories.com 10/18/2021

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



METHOD SUMMARY

Client: Ulster BOCES

Job Number: 420-208469-1 SDG Number: New Paltz High 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: Ulster BOCES

Job Number: 420-208469-1 SDG Number: New Paltz High School

Method Analyst EPA 200.8 Rev.5.4

Luis, Carlos

SAMPLE SUMMARY

Client: Ulster BOCES

Job Number: 420-208469-1 SDG Number: New Paltz High School

| | | | Date/Time | Date/Time |
|---------------|-------------------------|----------------|-----------------|-----------------|
| Lab Sample ID | Client Sample ID | Client Matrix | Sampled | Received |
| 420-208469-1 | Room 213 Home EC Sink 1 | Drinking Water | 10/08/2021 0732 | 10/08/2021 1020 |
| 420-208469-2 | Room 213 Home EC Sink 2 | Drinking Water | 10/08/2021 0731 | 10/08/2021 1020 |

Christy Fischer Ulster BOCES 175 Route 32 North New Paltz, NY 12561

| Client Sample ID: Lab Sample ID: | Room 213 Home EC Sink 420-208469-1 | (1 | | Date | Sampled: Received: Matrix: | 10/08/2021 0732 10/08/2021 1020 Drinking Water | |
|-------------------------------------|---------------------------------------|------------|---------|----------------------|----------------------------------|--|----------|
| Analyte | | Result/Qua | alifier | Unit | RL | RL | Dilution |
| | 5.4 /200.8 | | | Date Ana Date Pre | pared: | 10/12/2021 2045 10/12/2021 1016 | |
| Pb | | 29 | g | ug/L | 1.0 | 1.0 | 1.0 |

Christy Fischer Ulster BOCES 175 Route 32 North New Paltz, NY 12561

| Client Sample ID: Lab Sample ID: | Room 213 Home EC Sink 420-208469-2 | < 2 | Date | Sampled: Received: t Matrix: | 10/08/2021 0731 10/08/2021 1020 Drinking Water | |
|-------------------------------------|---------------------------------------|------------------|----------|------------------------------------|--|----------|
| Analyte | | Result/Qualifier | Unit | RL | RL | Dilution |
| Method: 200.8 Rev. | 5.4 | | Date Ana | | 10/15/2021 1551 | |
| Prep Method: 200.7 | /200.8 | | Date Pre | pared: | 10/14/2021 1500 | |
| Pb | | 8.0 | ug/L | 1.0 | 1.0 | 1.0 |

DATA REPORTING QUALIFIERS

Client: Ulster BOCES

Job Number: Sdg Number: New Paltz High School

| Lab Section | Qualifier | Description |
|-------------|-----------|--|
| Metals | | |
| | g | Result fails applicable NYS drinking water standards |

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), Phenanthrene (525.2), Anthracene (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

Client: Ulster BOCES

Job Number:

Sdg Number: New Paltz High School

| 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



| | Sampler: C Fischer Lab PM: | | | | | Deliverable Type: Level I, Level II, | | | | | | ŀ | JOB# | | | | | | |
|---|----------------------------|-------------|----------------------|---------------------------|----------------|--|-----------------|--------|---------|----------|------|---------------|---------------|--------|-----------|---------|----------|---------------------|--|
| Client Information Client Contact: C Fischer | Phone:845 255-1400 X1361 | | | | Mail: | NY | | | | | | NYS ASP Cat B | | | | | | 208469 | |
| Company: New Paltz Central School District C/OUIster BOCES | | | | | | EDD (Spec | | | | | | | | | | | | - | Page: |
| Address: 196 Main Street | Due Date Requested: | | | | | Analysis Requested | | | | | | | Jest | ea | <u> </u> | | | _ | Page 1 of 1 Preservation Codes: |
| City: New Paltz | TAT Requested (days): | | | | -11 | | | | | | | | | | | | | | A - HCL L- EDA B - NaOH L- EDA |
| | | | | | | | | | | | | | | | | | | | C - Zn Acetate N - Sodium Sume |
| State, Zip: NY, 12561 | | | | | | | | | | | | | | | | | | | E - H2SO4 O - MCAA F - MeOH P - Other (specify) |
| Phone: 845-255-1400 X1361 | PO #: | | | | | | | | | | | | | | | | | | G - NH4CL H - Ascorbic Acid |
| Email: cfischer@ulsterboces.org | PWS #: | | | | Yes or No | (oN | 5 | | | | | | | | | | | | I - ice J - DI Water |
| Project Name: Ulster BOCES | Project #: | | | | seX) | 5 3 | 5 | | | | | | | | | | | lue | K - Sodium Thiosulfate |
| Site: New Paltz High School | Additional Contacts | | | h: | mple | Perform MS/MSD (Yes Chineline Desert (Yes | 5 | | | | | | | | | | | conta | Other: |
| cfischer@ulsterboces.org | & ggardner@n | ewpaitz.k12 | .ny.us | Matrix (DW | d Sa | ISM/ | | 0.00 | | | | | | | | | | er of | Upon Receipt Preservation verified: |
| | | | Sample Type | drinking water, | Field Filtered | m MS | Lead (DW 200.8) | | | | | | | | | | | Total Number | Y / N |
| | | Sample | (C=Comp, | W=water, S=solid, | eld F | Perfor | num Pad (| npa | | | | | | | | | | otal | |
| Sample Identification Client ID (Lab ID) | Sample Date | Time | G=grab) Preserva | O=waste/oi ation Code: | | <u>ک</u> | , - | - | | ÷. | | | | | | | | × | Special Instructions/Note: |
| Room 213 Home EC Sink 1 | 10/8/21 | 732 | G | DW | | | 7 | x | | | | | | | | | | | |
| Room 213 Home EC Sink 2 | 10/8/21 | 731 | G | DW | | | | x | 1 | | | | | | | | | | |
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| | | } | | | ╉ | + | | | | | _ | | - | | | | | | |
| 420-208469-B-2 | | | | | | | | - | | | | _ | | | | | | | |
| Room 213 Home EC Sink 2 | | | | | ++ | + | | - | | | | | | | | + | | | |
| Date Sampled: 10/8/2021 420-17 | 06517 | | | | ++ | + | _ | | | | | _ | | | _ | | | | |
| Date Sampled: 10/8/2021 420-17 | 1 | | | | ++ | + | | | | | | | _ | | | _ | | | |
| | | | | | | | _ | _ | | | | | | | _ | | | | |
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| | | | | | | | | | _ | | | | \rightarrow | | + | | 1 | | · · · · · · · · · · · · · · · · · · · |
| Container Code: P=Plastic, A=Amber, V=Vial, G=Glass, B=Bacteria | | | core, D=BOD |) Bottle | | + | + | + | ┿ | \vdash | | _ | - | | +- | + | \vdash | | Container Type P |
| Size Code: 1=Liter, 2=250 mL, 3=125 mL, 4=40 mL, 5=Gallon, 6=Ha Preservation Added Upon Receipt: | If Gallon, 7=Othe | r Date: | | | Tim | ne: | | | | | | | _ | Sample | # (s): | 1 | | | Container Size 2 |
| Manufacturer/Lot # | Date/Time- | | | Company | | | acelus | ad by: | - | ? | | _ | | | | te/Time | - 1 | ~ | Tacal I. Company |
| Relinquished by | Date/Time: | 1020 | | Company WSter (| WES | | eceive | | _ | 1 | 2 | _ | | | | | 10 | 2_ | 8/0) 100 Company ETT |
| Relinquished by: | Date/Time: | | | | | | | Dat | le/Time | | | Company | | | | | | | |
| Relinquished by: | Date/Time: | | | Company | | R | eceive | ed by: | | | | | | | Da | te/Time | | | Company |
| ICE Present: Custody Seal No.: | | | Custody | l eals intact of 10 |) of | A G | opier | Temper | ature(s |) °C/ IF | RGUN | #: | | | r3 | • | () | > | |
| A Yes A No | | | Yes ∆ ^r N | 10 <u>30 T</u> | | <u> Ľ</u> | ÷ | | | | | | | Ò | <u>+5</u> | | X | | |

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Ulster BOCES

Job Number: 420-208469-1 SDG Number: New Paltz High School

Login Number: 208469

| 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 | 23.8C |
| Cooler Temp. is within method specified range.(0-4 C PW, 0-6 C NPW, or BAC <10 C $$ | False | |
| If false, was sample received on ice within 6 hours of collection. | True | |
| 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 | |