

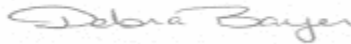
ANALYTICAL REPORT

Job Number: 420-108238-1

Job Description: Sullivan County BOCES

For:
Sullivan County BOCES
6 Weirk Avenue
Liberty, NY 12754

Attention: Jesse Morrill



Designee for
Meredith W Ruthven
Customer Service Manager
mruthven@envirotestlaboratories.com
08/12/2016

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 Inc. 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.

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

METHOD SUMMARY

Client: Sullivan County BOCES

Job Number: 420-108238-1

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

Lab References:

EnvTest = EnviroTest

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: Sullivan County BOCES

Job Number: 420-108238-1

Method	Analyst	Analyst ID
EPA 200.8 Rev.5.4	Sirico, Derek	DS

SAMPLE SUMMARY

Client: Sullivan County BOCES

Job Number: 420-108238-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-108238-1	Kit 2-S1	Drinking Water	08/02/2016 0830	08/02/2016 1543
420-108238-2	Kit 2-S2	Drinking Water	08/02/2016 0830	08/02/2016 1543
420-108238-3	Kit 3-S1	Drinking Water	08/02/2016 0830	08/02/2016 1543
420-108238-4	Kit 3-S2	Drinking Water	08/02/2016 0830	08/02/2016 1543
420-108238-5	Kit 1-S1	Drinking Water	08/02/2016 0830	08/02/2016 1543
420-108238-6	Kit 1-S2	Drinking Water	08/02/2016 0830	08/02/2016 1543

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Job Number: 420-108238-1

Client Sample ID: Kit 2-S1
Lab Sample ID: 420-108238-1

Date Sampled: 08/02/2016 0830
Date Received: 08/02/2016 1543
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/10/2016	2014	
Prep Method: 200			Date Prepared: 08/10/2016	1335	
Pb	2.82	ug/L	1.00	1.00	1.0

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Job Number: 420-108238-1

Client Sample ID: Kit 2-S2
Lab Sample ID: 420-108238-2

Date Sampled: 08/02/2016 0830
Date Received: 08/02/2016 1543
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/10/2016 2028		
Prep Method: 200			Date Prepared: 08/10/2016 1335		
Pb	1.27	ug/L	1.00	1.00	1.0

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Job Number: 420-108238-1

Client Sample ID: Kit 3-S1
Lab Sample ID: 420-108238-3

Date Sampled: 08/02/2016 0830
Date Received: 08/02/2016 1543
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/10/2016 2032		
Prep Method: 200			Date Prepared: 08/10/2016 1335		
Pb	4.35	ug/L	1.00	1.00	1.0

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Job Number: 420-108238-1

Client Sample ID: Kit 3-S2
Lab Sample ID: 420-108238-4

Date Sampled: 08/02/2016 0830
Date Received: 08/02/2016 1543
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/10/2016 2036		
Prep Method: 200			Date Prepared: 08/10/2016 1335		
Pb	1.13	ug/L	1.00	1.00	1.0

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Job Number: 420-108238-1

Client Sample ID: Kit 1-S1
Lab Sample ID: 420-108238-5

Date Sampled: 08/02/2016 0830
Date Received: 08/02/2016 1543
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/11/2016 1624		
Prep Method: 200			Date Prepared: 08/11/2016 1335		
Pb	1.76	ug/L	1.00	1.00	1.0

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Sullivan County BOCES
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Liberty, NY 12754

Job Number: 420-108238-1

Client Sample ID: Kit 1-S2
Lab Sample ID: 420-108238-6

Date Sampled: 08/02/2016 0830
Date Received: 08/02/2016 1543
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed: 08/10/2016 2039		
Prep Method: 200			Date Prepared: 08/10/2016 1335		
Pb	1.08	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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Certification Information

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

Sulfur, Tungsten, Silicon, 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, Phenolphthalein Alkalinity, Solids (Fixed), Solids (Percent), Solids (Percent Moisture), Solids (Percent Volatile), Solids (Volatile Suspended), Temperature, TKN (Soluble), Total Inorganic Carbon, Volatile Acids as Acetic Acid, 2-Aminopyridine, 3-Picoline, 1-Methyl-2-pyrrilidinone, Aziridine, Dimethyl sulfoxide, 1-Chlorohexane, Iron Bacteria, Salmonella, & Sulfur Reducing Bacteria.

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

Cobalt (200.7, 200.8), Tin (200.7), Strontium (200.7), Gold (200.7), Platinum (200.7), Palladium (200.7), Titanium (200.7), Phosphorus (365.3), Nitrate-Nitrite (10-107-4-1C, 353.2), m-Xylene & p-Xylene (502.2, 524), Naphthalene (502.2), o-Xylene (502.2, 524), & Fecal Coliform (9222D).

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

Ammonia (SM 4500NH₃G), Nitrate-Nitrite (353.2, 10-107-4-1C), TKN (351.2), Phosphorus (365.3), Total Cresols (8270), 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).

The following analytes are Part of ELAP scope of accreditation but not for the noted methods:

alpha-Chlordane (608), Endrin Ketone (608), gamma-Chlordane (608), PCB-1262 (608), PCB-1268 (608), 1,2-Diphenylhydrazine (625), 2-MethylNaphthalene (625), 3-Methylphenol (625), 4-Nitroaniline (625), 1,1,1,2-Tetrachloroethane (624,601), 1,1,2-Trichloro-1,2,2-trifluoroethane (601,624), 1,2,3-Trichlorobenzene (624, 601), 1,2,3-Trichloropropane (624), 1,2,4-Trichlorobenzene (601,624), 1,2,4-trimethylbenzene (624), 1,2-Dichloro-3-Chloropropane (601, 624), 1,2-Dichloro-1,1,2-trifluoroethane (601, 624), 1,3,5-Trimethylbenzene (624), 1,3-Dichloropropane (624), 2,2-dichloropropane (601,624), 2-chlorotoluene (601,624), 2-hexanone (624), 4-Chlorotoluene (601,624), 4-Isopropyltoluene (624), Acetonitrile (624), Benzyl Chloride (624, 8021), Bromobenzene (601,624), Carbon disulfide (624), Bromochloromethane (624), Dibromomethane (624), 1,2-Dibromoethane (624), Hexachlorobutadiene (624), Isopropylbenzene (624), 2-Butanone (Methyl Ethyl Ketone) (624), 4-methyl-2-pentanone (624), MTBE (602), m-Xylene & p-Xylene (8021), Naphthalene (602,624), n-Butylbenzene (624), n-Propylbenzene (624), sec-Butylbenzene (624), tert-Butylbenzene (624), trans-1,4-Dichloro-2-butene (624), & Tetrahydrofuran (8260, 624).

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.

**Enviro Test
Laboratories, Inc.**

CHAIN OF CUSTODY

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Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER SC BOWLES
 ADDRESS 6 Albion Ave.
Liberty NY 12754
 CITY/STATE
 ZIP Jesse McNeill (815) 295-4423
 CONTACT PHONE
SC BOWLES - Admin.
 PROJECT LOCATION
 PRJ NUMBER/P.O.#

REPORT TYPE STANDARD ISRA NORMAL
 NJ REG QUICK
 NYASP A B
 OTHER VERBAL

TURNAROUND

REPORT # (Lab Use Only) 108238

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4C +/- 2C.
 SAMPLE TEMP. 24.0 °C # 1
 SAMPLE RECD. ON ICE Y N
 PH CHECK Y N
 CHLORINE RESIDUAL Y N
 NY PUBLIC WATER SUPPLIES

MATRIX: DW=DRINKING WATER S=SOIL O=OIL WW=WASTE WATER
 SL=SLUDGE GW=GROUND WATER

Sample #	DATE	TIME	COMP (Y/N)	GRAB (Y/N)	MATRIX	Client I.D.	Total # of containers	40ml Glass HCL	Liter Glass HCL	250ml Amber H2SO4	Liter Amber Plain	250ml Plastic HNO3	250ml Plastic NaOH	Liter Plastic	Liter Plastic H2SO4	250ml Plastic Sterile	8oz Glass	2oz Glass	250ml Pl. NaOH/ZnAc	ANALYSIS REQUESTED	
kit 2-S1	8/2/16	8:30			DW	kit 2-S1	1													Lead	
kit 2-S2	8/2/16	8:30				kit 2-S2	1														
kit 3-S1	8/2/16	8:30				kit 3-S1	1														
kit 3-S2	8/2/16	8:30				kit 3-S2	1														
kit 1-S1	8/2/16	8:30				kit 1-S1	1														
kit 1-S2	8/2/16	8:30				kit 1-S2	1														

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECT TO THE ENVIROTEST TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

RELINQUISHED BY SC BOWLES COMPANY DATE 8/2/16 TIME 1543

RECEIVED BY AE DATE 8-2-16 TIME 1543

COMMENTS AE 8-2-16

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Sullivan County BOCES

Job Number: 420-108238-1

Login Number: 108238

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.	False	
Cooler Temperature is recorded.	True	24.0 c
Cooler Temp. is within method specified range.(0-6 C PW, 0-8 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	