

ANALYTICAL REPORT

Job Number: 420-109126-1

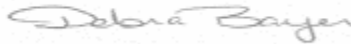
SDG Number: East Rampo CSD 2016-090 Bldg&Grounds

Job Description: Rockland BOCES

For:

Rockland BOCES
65 Parrott Road, B-4
West Nyack, NY 10994

Attention: Seth Armstrong



Debra Bayer

Customer Service Manager

dbayer@envirotestlaboratories.com

08/25/2016

cc: John Gulino

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

Envirotest Laboratories, Inc.

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METHOD SUMMARY

Client: Rockland BOCES

Job Number: 420-109126-1
SDG Number: East Rambo CSD 2016-090

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: Rockland BOCES

Job Number: 420-109126-1
SDG Number: East Ramapo CSD 2016-090

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

SAMPLE SUMMARY

Client: Rockland BOCES

Job Number: 420-109126-1
SDG Number: East Rambo CSD 2016-090

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-109126-1	16-90 ER-B&G-KF-001	Drinking Water	08/19/2016 0458	08/19/2016 1024
420-109126-2	16-90 ER-B&G-SC-002	Drinking Water	08/19/2016 0458	08/19/2016 1024
420-109126-3	16-90 ER-B&G-BF(A)-003	Drinking Water	08/19/2016 0459	08/19/2016 1024
420-109126-4	16-90 ER-B&G-BF(B)-004	Drinking Water	08/19/2016 0500	08/19/2016 1024
420-109126-5	16-90 ER-B&G-BF(C)-005	Drinking Water	08/19/2016 0500	08/19/2016 1024
420-109126-6	16-90 ER-B&G-BF-006	Drinking Water	08/19/2016 0501	08/19/2016 1024

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Client Sample ID: 16-90 ER-B&G-KF-001
Lab Sample ID: 420-109126-1

Date Sampled: 08/19/2016 0458
Date Received: 08/19/2016 1024
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/23/2016 2349	
Prep Method: 200			Date Prepared:	08/21/2016 1700	
Lead	5.44	ug/L	1.00	1.00	1.0

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Client Sample ID: 16-90 ER-B&G-SC-002
Lab Sample ID: 420-109126-2

Date Sampled: 08/19/2016 0458
Date Received: 08/19/2016 1024
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/23/2016 2352	
Prep Method: 200			Date Prepared:	08/21/2016 1700	
Lead	1.38	ug/L	1.00	1.00	1.0

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Client Sample ID: 16-90 ER-B&G-BF(A)-003
Lab Sample ID: 420-109126-3

Date Sampled: 08/19/2016 0459
Date Received: 08/19/2016 1024
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/23/2016 2356	
Prep Method: 200			Date Prepared:	08/21/2016 1700	
Lead	18.8 g	ug/L	1.00	1.00	1.0

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Client Sample ID: 16-90 ER-B&G-BF(B)-004
Lab Sample ID: 420-109126-4

Date Sampled: 08/19/2016 0500
Date Received: 08/19/2016 1024
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/24/2016 1946	
Prep Method: 200			Date Prepared:	08/22/2016 1230	
Lead	8.90	ug/L	1.00	1.00	1.0

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Client Sample ID: 16-90 ER-B&G-BF(C)-005
Lab Sample ID: 420-109126-5

Date Sampled: 08/19/2016 0500
Date Received: 08/19/2016 1024
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/24/2016 0010	
Prep Method: 200			Date Prepared:	08/21/2016 1700	
Lead	7.50	ug/L	1.00	1.00	1.0

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Client Sample ID: 16-90 ER-B&G-BF-006
Lab Sample ID: 420-109126-6

Date Sampled: 08/19/2016 0501
Date Received: 08/19/2016 1024
Client Matrix: Drinking Water

Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev.5.4			Date Analyzed:	08/24/2016 0014	
Prep Method: 200			Date Prepared:	08/21/2016 1700	
Lead	65.5 g	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Client: Rockland BOCES

Job Number:
Sdg Number: East Rambo CSD 2016-090

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

Certification Information

Client: Rockland BOCES

Job Number:

Sdg Number: East Rambo CSD 2016-090

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, Phenolphthalien 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), 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: Rockland BOCES

Job Number:

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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.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Rockland BOCES

Job Number: 420-109126-1
SDG Number: East Rambo CSD 2016-090

Login Number: 109126

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	25.0 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	Method does not require cooling
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	