

ANALYTICAL REPORT

Job Number: 420-109682-1 SDG Number: East Ramapo CSD 2016-090 Grandview Job Description: Rockland BOCES

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

Attention: Seth Armstrong

Debra Ba

Debra Bayer Customer Service Manager dbayer@envirotestlaboratories.com 09/08/2016

cc: John Gulino

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.

Page 1 of 11

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



METHOD SUMMARY

Client: Rockland BOCES

Job Number: 420-109682-1 SDG Number: East Ramapo CSD 2016-090 Grandview

Description	Lab Location	Method	Preparation Method
Matrix: Water			
ICPMS Metals by 200.8	EnvTest	EPA 200.8 Rev	v.5.4
200 Series Drinking Water Prep Determination Step	EnvTest		EPA 200
Lab References:			
EnvTest = EnviroTest			
Mathed Deferences			
Method References:			

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Job Number: 420-109682-1 SDG Number: East Ramapo CSD 2016-090 Grandview

EnviroTest Laboratories, Inc.

Client: Rockland BOCES

Method

EPA 200.8 Rev.5.4

Analyst

Sirico, Derek

SAMPLE SUMMARY

Client: Rockland BOCES

Job Number: 420-109682-1 SDG Number: East Ramapo CSD 2016-090 Grandview

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-109682-1	16-90-ER-GND-KS-(A) -017-FL-1	Drinking Water	09/02/2016 0723	09/02/2016 1143
420-109682-2	16-90-ER-GND-KS-(B) -018-FL-1	Drinking Water	09/02/2016 0722	09/02/2016 1143

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

Client Sample ID: Lab Sample ID:	16-90-ER-GND-KS-(A)-017-FL-1 420-109682-1	Date F	Sampled: Received: Matrix:	09/02/2016 0723 09/02/2016 1143 Drinking Water	
Analyte	Result/Qualifier	Unit	RL	RL	Dilution
Method: 200.8 Rev. Prep Method: 200	5.4	Date Ana Date Prep		09/06/2016 1445 09/06/2016 0930	
Lead	6.15	ug/L	1.00	1.00	1.0

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

Client Sample ID: Lab Sample ID:	16-90-ER-GND-KS-(B)-018-FL-1 420-109682-2	Ľ	Date Sampled: Date Received: Client Matrix:	09/02/2016 0722 09/02/2016 1143 Drinking Water	
Analyte	Result/Qual	ifier Unit	RL	RL	Dilution
Method: 200.8 Rev. Prep Method: 200	5.4		e Analyzed: e Prepared:	09/06/2016 1449 09/06/2016 0930	
Lead	3.27	ug/L	1.00	1.00	1.0

DATA REPORTING QUALIFIERS

Lab Section

Qualifier

Description

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, Phenolpthalien 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).

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.

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Laboratories,	ories, li		Lab Name Address & Phone	EnviroTest Laboratories 315 Fullerton Avenue, Newburgh, New York 12550 845-562-0890	aboratorie I Avenue, ^N	s lewburgl	ノ / New /	ork 12	250 845	-562-06	06			
PROJECT REFERENCE East Ramapo CSD 2016-090	CSD 2016-090	PROJECT NO	PROJECT LOCATION Grandview	MATRIX TYPE	-		REQUIE	REQUIRED ANALYSES	ALYSES			PAGE	~	
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CLIENT NAME Rockland BOCES	BOCES	jgulino@rboces.org/ sarmstiong@rboces.org klewando@rboces.org	oces.org/ brboces.org	W (Waste Water) In	D to # latoT		550 mm	itssi9 im022				-JUICK VERBAL		
65 Parrott Road, B-4, West Nyack, NY 10994	t Nyack, NY 10994			(ABTAW)				_			_			
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LOGIN SAMPLE RECEIPT CHECK LIST

Client: Rockland BOCES

Job Number: 420-109682-1 SDG Number: East Ramapo CSD 2016-090 Grandview

Login Number: 109682

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	24.5 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	