

Serialized: 04/25/2016 09:49am QC21

JERRY HAAG
LEBANON BOROUGH ELEMENTARY
6 MAPLE STREET

LEBANON, NJ 08833

Regarding:

LEBANON BOROUGH ELEMENTARY
6 MAPLE STREET
LEBANON, NJ 08833

PROJECT ID:

W09341

LABORATORY REPORT NUMBER:

L6179341

A handwritten signature in black ink that reads "Raphael C. Fratti".

Authorized by: Raphael C. Fratti, Laboratory Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. #: 2515238
Delaware Division: State ID's: DE 00011, MD 138
Vineland Division: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Division: State ID's: PA 48-01334, NJ PA001
E. Rutherford Division: State ID: NJ 02015

**LEBANON BOROUGH ELEMENTARY
W09341**

**P.O. No:
Inv. No: 1780858 PI
PWSID:**

JERRY HAAG
LEBANON BOROUGH ELEMENTARY
6 MAPLE STREET
LEBANON, NJ 08833

Regarding:
JERRY HAAG
LEBANON BOROUGH ELEMENTARY
6 MAPLE STREET
LEBANON, NJ 08833

SAMPLE SUMMARY

Lab ID	Collected	Received	Matrix	Client ID
L6179341-1	04/12/16 06:00	04/13/16 18:20	WATER	GRD 1
L6179341-2	04/12/16 06:00	04/13/16 18:20	WATER	GRD 2
L6179341-3	04/12/16 06:00	04/13/16 18:20	WATER	GRD 3
L6179341-4	04/12/16 06:00	04/13/16 18:20	WATER	GRD 4
L6179341-5	04/12/16 06:00	04/13/16 18:20	WATER	GRD 5
L6179341-6	04/12/16 06:00	04/13/16 18:20	WATER	GRD 6
L6179341-7	04/12/16 06:00	04/13/16 18:20	WATER	KINDERGARTEN
L6179341-8	04/12/16 06:00	04/13/16 18:20	WATER	LIBRARY WF
L6179341-9	04/12/16 06:00	04/13/16 18:20	WATER	WATER FOUNTAIN 1ST FL
L6179341-10	04/12/16 06:00	04/13/16 18:20	WATER	NURSE'S

Sample Description:	GRD 1	Samp. Date/Time/Temp:	04/12/16 06:00am NA C
Sample Number:	L6179341-1	Sampled by:	Customer
Matrix:	WATER	Iced (Y/N):	Y
Received Temp:	3.2 C		

METALS

Analytical Method:	EPA 200.8 Rev 5.4	Run Date:	04/22/16 08:55AM	Workgroup:	WG71695
Dilution:	1	Analyst:	GJH	File ID:	4-22-16dw.rep
Units:	mg/l	Instrument:	PE Elan 9000 ICP-MS	Basis:	

Parameter	CAS	Result	MDL*	RL
Copper	7440-50-8	0.0865	0.0000200	0.00200
Lead	7439-92-1	0.00140 B	0.0000100	0.00200

*=This limit was used in the evaluation of the final result.

PIN: 85562

Serial Number: 5458063

Sample Description: GRD 2
Sample Number: L6179341-2
Matrix: WATER
Received Temp: 3.2 C

Samp. Date/Time/Temp: 04/12/16 06:00am NA C
Sampled by: Customer
Iced (Y/N): Y

METALS

Analytical Method: EPA 200.8 Rev 5.4
Dilution: 1
Units: mg/l

Run Date: 04/22/16 09:02AM
Analyst: GJH
Instrument: PE Elan 9000 ICP-MS

Workgroup: WG71695
File ID: 4-22-16dw.rep
Basis:

Parameter	CAS	Result	MDL*	RL
Copper	7440-50-8	0.0266	0.0000200	0.00200
Lead	7439-92-1	0.000540 B	0.0000100	0.00200

*=This limit was used in the evaluation of the final result.

PIN: 85562

Serial Number: 5458063

Sample Description: GRD 3
Sample Number: L6179341-3
Matrix: WATER
Received Temp: 3.2 C

Samp. Date/Time/Temp: 04/12/16 06:00am NA C
Sampled by: Customer
Iced (Y/N): Y

METALS

Analytical Method: EPA 200.8 Rev 5.4
Dilution: 1
Units: mg/l

Run Date: 04/22/16 09:05AM
Analyst: GJH
Instrument: PE Elan 9000 ICP-MS

Workgroup: WG71695
File ID: 4-22-16dw.rep
Basis:

Parameter	CAS	Result	MDL*	RL
Copper	7440-50-8	0.147	0.0000200	0.00200
Lead	7439-92-1	0.00720	0.0000100	0.00200

*=This limit was used in the evaluation of the final result.

PIN: 85562

Serial Number: 5458063

Sample Description: GRD 4
Sample Number: L6179341-4
Matrix: WATER
Received Temp: 3.2 C

Samp. Date/Time/Temp: 04/12/16 06:00am NA C
Sampled by: Customer
Iced (Y/N): Y

METALS

Analytical Method: EPA 200.8 Rev 5.4
Dilution: 1
Units: mg/l

Run Date: 04/22/16 09:18AM
Analyst: GJH
Instrument: PE Elan 9000 ICP-MS

Workgroup: WG71695
File ID: 4-22-16dw.rep
Basis:

Parameter	CAS	Result	MDL*	RL
Copper	7440-50-8	0.0674	0.0000200	0.00200
Lead	7439-92-1	0.00150 B	0.0000100	0.00200

*=This limit was used in the evaluation of the final result.

PIN: 85562

Serial Number: 5458063

Sample Description: GRD 5
Sample Number: L6179341-5
Matrix: WATER
Received Temp: 3.2 C

Samp. Date/Time/Temp: 04/12/16 06:00am NA C
Sampled by: Customer
Iced (Y/N): Y

METALS

Analytical Method: EPA 200.8 Rev 5.4
Dilution: 1
Units: mg/l

Run Date: 04/22/16 09:21AM
Analyst: GJH
Instrument: PE Elan 9000 ICP-MS

Workgroup: WG71695
File ID: 4-22-16dw.rep
Basis:

Parameter	CAS	Result	MDL*	RL
Copper	7440-50-8	0.131	0.0000200	0.00200
Lead	7439-92-1	0.00210	0.0000100	0.00200

*=This limit was used in the evaluation of the final result.

PIN: 85562

Serial Number: 5458063

Sample Description: GRD 6
Sample Number: L6179341-6
Matrix: WATER
Received Temp: 3.2 C

Samp. Date/Time/Temp: 04/12/16 06:00am NA C
Sampled by: Customer
Iced (Y/N): Y

METALS

Analytical Method: EPA 200.8 Rev 5.4
Dilution: 1
Units: mg/l

Run Date: 04/22/16 09:25AM
Analyst: GJH
Instrument: PE Elan 9000 ICP-MS

Workgroup: WG71695
File ID: 4-22-16dw.rep
Basis:

Parameter	CAS	Result	MDL*	RL
Copper	7440-50-8	0.153	0.0000200	0.00200
Lead	7439-92-1	0.00150 B	0.0000100	0.00200

*=This limit was used in the evaluation of the final result.

PIN: 85562

Serial Number: 5458063

Sample Description: KINDERGARTEN
Sample Number: L6179341-7
Matrix: WATER
Received Temp: 3.2 C

Samp. Date/Time/Temp: 04/12/16 06:00am NA C
Sampled by: Customer
Iced (Y/N): Y

METALS

Analytical Method: EPA 200.8 Rev 5.4
Dilution: 1
Units: mg/l

Run Date: 04/22/16 09:27AM
Analyst: GJH
Instrument: PE Elan 9000 ICP-MS

Workgroup: WG71695
File ID: 4-22-16dw.rep
Basis:

Parameter	CAS	Result	MDL*	RL
Copper	7440-50-8	0.0622	0.0000200	0.00200
Lead	7439-92-1	0.000890 B	0.0000100	0.00200

*=This limit was used in the evaluation of the final result.

PIN: 85562

Serial Number: 5458063

Sample Description: LIBRARY WF
Sample Number: L6179341-8
Matrix: WATER
Received Temp: 3.2 C

Samp. Date/Time/Temp: 04/12/16 06:00am NA C
Sampled by: Customer
Iced (Y/N): Y

METALS

Analytical Method: EPA 200.8 Rev 5.4
Dilution: 1
Units: mg/l

Run Date: 04/22/16 09:30AM
Analyst: GJH
Instrument: PE Elan 9000 ICP-MS

Workgroup: WG71695
File ID: 4-22-16dw.rep
Basis:

Parameter	CAS	Result	MDL*	RL
Copper	7440-50-8	0.266	0.0000200	0.00200
Lead	7439-92-1	0.00280	0.0000100	0.00200

*=This limit was used in the evaluation of the final result.

PIN: 85562

Serial Number: 5458063

Sample Description: WATER FOUNTAIN 1ST FL
Sample Number: L6179341-9
Matrix: WATER
Received Temp: 3.2 C
Samp. Date/Time/Temp: 04/12/16 06:00am NA C
Sampled by: Customer
Iced (Y/N): Y

METALS

Analytical Method: EPA 200.8 Rev 5.4
Dilution: 1
Units: mg/l
Run Date: 04/22/16 09:33AM
Analyst: GJH
Instrument: PE Elan 9000 ICP-MS
Workgroup: WG71695
File ID: 4-22-16dw.rep
Basis:

Parameter	CAS	Result	MDL*	RL
Copper	7440-50-8	0.161	0.0000200	0.00200
Lead	7439-92-1	0.00160 B	0.0000100	0.00200

*=This limit was used in the evaluation of the final result.

PIN: 85562

Serial Number: 5458063

Sample Description: NURSE'S
Sample Number: L6179341-10
Matrix: WATER
Received Temp: 3.2 C

Samp. Date/Time/Temp: 04/12/16 06:00am NA C
Sampled by: Customer
Iced (Y/N): Y

METALS

Analytical Method: EPA 200.8 Rev 5.4
Dilution: 1
Units: mg/l

Run Date: 04/22/16 09:36AM
Analyst: GJH
Instrument: PE Elan 9000 ICP-MS

Workgroup: WG71695
File ID: 4-22-16dw.rep
Basis:

Parameter	CAS	Result	MDL*	RL
Copper	7440-50-8	0.270	0.0000200	0.00200
Lead	7439-92-1	0.0110	0.0000100	0.00200



*=This limit was used in the evaluation of the final result.

PIN: 85562

Serial Number: 5458063

DEFINITIONS

Eurofins OC, Inc. (EOC)

The following terms or abbreviations are used in this report:

MPN	Most probable number	PL	Customer-specific limit
CFU	Colony forming unit	DF	Dilution Factor (For Microbiology, DF = volume of sample tested)
POS	Positive / Present	QUAL	Qualifier (Q)
NEG	Negative / Absent	NTU	Nephelometric turbidity units
PRES	Presumptive	RL	Laboratory reporting limit or Limit of Quantitation (LOQ)
MF	Membrane Filtration	MCL	EPA recommended "Maximum Contaminant Level"
TNTC	Too numerous to count	MDL	Method Detection Limit
DRY	The result was reported on a dry weight basis.	ND	Analyte concentration not detected greater than the RL / MDL

TIC	Tentatively Identified Compounds (Library Search Compounds); concentrations are estimated values only.
ppm (mg/l)	Parts per million: equivalent to 1 milligram per kilogram (mg/Kg) for solids or one milligram per liter (mg/L) for aqueous samples.
ppb (ug/L)	Parts per billion: equivalent to 1 microgram per kilogram (ug/Kg) for solids or one microgram per liter (ug/L) for aqueous samples.
<	Less than: In conjunction with a numerical value, indicates a concentration less than RL / MDL.
>	Greater than: In conjunction with a numerical value, indicates a concentration greater than RL / MDL.

Data Qualifiers (EPA CLP Convention)

J	Estimated value \geq MDL but < RL.	E	Metals: Estimated value due to presence of interference
B	Analyte was detected in the method blank	E	Organics: Concentration exceeds calibration range.
U	Analyte not detected above RL or MDL, when MDL reported.	E	Microbiology: estimated CFU count
N	Presumptive evidence of compound in library search	M	Metals: Duplicate precision for an element outside control limit
P1 or P	Column precision criteria not met, report lower value	N	Metals: Spike recovery for an element outside control limits
P2	Column precision criteria not met, report higher value	C	Result confirmed by reanalysis
		Q	Defined in report or case narrative or data package
T	Temperature receipt exceedance, refer to Sample Comments/ Results Qualifiers section.	V	Analyte concentration >100% between columns; reporting limit elevated

Warranties, Terms, and Conditions

- Unless otherwise specified in the Parameter field, analyses (excluding "Field Parameters") were performed at the EQC Southampton facility (1205 Industrial Boulevard, Southampton, PA 18966). Pharmaceutical testing is performed the EQC facility in Horsham (702 Electronic Drive, Horsham, PA 19044).
- The test results meet all TNI or other applicable regulatory agency requirements, including holding times and preservation, unless otherwise indicated.
- The report shall not be reproduced, except in full, without the written consent of the laboratory.
- All samples are collected as "grab" samples unless otherwise identified.
- The reported results relate only to the sample as tested. EQC is not responsible for sample integrity unless sampling has been performed by a member of our staff.
- EQC is not responsible for sampling and/or testing omissions. Note that regulatory authorities may assess substantial fines for testing omissions. Please track your sample collection schedules and results on a regular basis (e.g. weekly, monthly, or quarterly) to ensure compliance. EQC's internet program "LIVE ACCESS" will provide you with real-time access to collection dates and testing results. Please contact Customer Service for further information.
- The following personnel or their deputies have approved the results of the tests performed by EQC: Nicki Smith (Environmental Chemistry), Amanda Berd (Pharmaceutical), Sue Abbott (EQC Delaware).

EOC Accreditations

Southampton	EPA ID: PA00018	Eurofins, Lancaster: Lab IDs: PA 36-00037
	NELAP IDs: PA 09-00131; NJ PA166; NY 11223	NJ: PA011
	State IDs: CT PH-0768; DE PA-018; MD 206	NY: 10670
	FDA Reg #: 2515238	MD: 100
Delaware	State IDs: DE 00011; MD 138	Reading State ID: PA 06-03543
Wind Gap	State IDs: PA 48-01334; NJ PA001	Vineland State ID: NJ 06005
East Rutherford	State ID: NJ 02015	



QC

1205 Industrial Blvd. Phone: 215-355-3900

Southampton, PA 18966-0514 Fax: 215-355-7231

Client/Acct. No. Lebanon Borough School
Address 6 Maple St

City/State/Zip Lebanon Borough, NJ

Phone/Fax 908-236-2448 08833

Client Contact: Jerry Haag

CHAIN OF CUSTODY

Page 1 of 1

Bill to/Report to (if different) Lebanon Borough School
6 Maple St Lebanon, NJ 08833

Sampling Site Address (if different) Include State

P.O. No. PWSID #:

Quote # Q29283 TBUR

e-mail: JHAAG@lebanon-school.org

Lab LIMS No: L6179341

LAB USE ONLY:

___ Ascorbic/HCL Vials # ___ HCL Vials
___ Na₂S₂O₃ _____
___ Na OH/Zn acetate pH _____
10 NHO₃ pH 4.2 500 µL MYR
___ H₂SO₄ pH _____
___ NaOH pH _____
___ Unpreserved
___ HCl # ___ NH₄Cl # ___ MeOH
___ DI Water

MATRIX CODES

- DW: DRINKING WATER
- GW: GROUND WATER
- WW: WASTEWATER
- SO: SOIL
- SL: SLUDGE
- OIL: OIL
- SOL: NON SOIL SOLID
- MI: MISCELLANEOUS
- X: OTHER

PROJECT	Collection		Number of Containers																	
	Date	Military Time	G	R	A	B	C	O	M	P	Matrix Code	Total	H	V	N	N	Z	U	B	
FIELD ID													2	1	3	3	4	1	1	
GRD 1	4/12/16	0600									DW	1								1
GRD 2	4/12/16	0600									DW									
GRD 3	4/12/16	0600									DW									
GRD 4	4/12/16	0600									DW									
GRD 5	4/12/16	0600									DW									
GRD 6	4/12/16	0600									DW									
Kneel	4/12/16	0600									DW									
Library WF	4/12/16	0600									DW									
Water Fountain 1 st FL	4/12/16	0600									DW									
Nurses	4/12/16	0600									DW									

ANALYSIS REQUESTED

Lead / copper

Field pH, Temp (°C), DO, Cl₂, Cond. etc:

SAMPLED BY: (Name/Company)

Jerry Haag
Lebanon Borough School

TAT: STANDARD (10 DAY)

or DUE DATE: _____

Report Format: Standard NJ-RDD SRP-RDD

Standard + QC Forms EDD

Please call for pricing and availability for rush (<10 day) turnaround and for all but standard reporting format.

Field Parameters Analyzed By:

Initials

Date/Time:

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, I.E. 8AM IS 0800, 4 PM IS 1600)

RELINQUISHED BY SAMPLER	DATE	TIME	RECEIVED BY	DATE	TIME	DELIVERY: <input type="checkbox"/> EOC COURIER <input type="checkbox"/> CLIENT <input type="checkbox"/> UPS <input type="checkbox"/> FEDEX <input type="checkbox"/> OTHER	Custody Seal Number
1. <u>Jerry Haag</u>	<u>4/13/16</u>	<u>1500</u>	1. <u>Jon C Nally</u>	<u>4/13/16</u>	<u>1500</u>		
2. <u>Jon C Nally</u>	<u>4/13/16</u>	<u>1820</u>	2. <u>[Signature]</u>	<u>4/13/16</u>	<u>1820</u>	Rec'd Temp.: <u>3.2</u> Initials: <u>JN</u> Ice <input checked="" type="checkbox"/> N Location: <u>5H</u>	
3.			3.			COMMENTS:	
4.			4.				
5.			5.				

Hazardous: yes / no