NELAC NJ11005
EPA NJ01186
PADEP 68-05417
NYDOH NY12046
CTDPH PH-0143

New Jersey Analytical Laboratories
NJAL

380 Scotch Road
Ewing, NJ 08628
609-737-3477 (p)
www.njal.com

CERTIFICATE OF ANALYSIS

Project Name: **105 Grand St** Workorder: **N082334**

Melissa Benford
International Charter School of Trenton
105 Grand St.
Trenton, NJ 08611
Project Name and Number: **105 Grand St**

November 08, 2019

Dear Melissa Benford,

This report relates only to the sample(s) as received by the laboratory. Laboratory reports may not be reproduced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Caution is advised for the utilization of preliminary data included in reports labeled as "Preliminary Report" and should not be used for regulatory purposes. A laboratory signature is provided on final reports only.

If you have any questions in reference to this laboratory report, please contact your NJAL project coordinator or laboratory manager listed at the bottom of this report at (609) 737-3477.

Note: This cover page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Robert Hulit, Project Manager

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NARRATIVE

Lab Work Order # **N082334**
International Charter School of Trenton - Drinking Water Lead & Copper - **10/23/19**
Post Corrective Action Samples.

NJAL received the samples associated with this Chain of Custody in compliance with NJDEP guidelines.

The requested analysis methods and results are detailed in the following data summary report.

Any exception to method procedures are listed in the comments section below,
or see See Data Flags, Notes & Definitions.

Sample collection was performed by the individual indicated on the chain of custody.

Comments:

Samples collected by the Customer 10/23/19.
NJAL Provided all Pre-Cleaned Sample Containers.
Samples received at NJAL on 10/24/19.
Samples preserved on receipt.

NOTE: MCL (Maximum Contaminant Limit) Lead 15.0 ug/L.
MCL ((Maximum Contaminant Limit) Copper 1300 ug/L.

All samples were below the MCLs with the following Exception:
Sample N082334-02 (BK3R Right Faucet) - Lead Exceeded the Limit of 15.0 ug/L

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Lab ID: N082334-01 **Matrix:** Drinking Water **Date Collected:** 10/23/19 07:07

Sample ID: BK3L Left Faucet **Date Received:** 10/24/19 16:00

Total Metals

Analyte	Results	Flag	Units	MDL	RDL	Method	Analyzed	Prepared	Dilution
Lead	7.4		ug/L	0.1	0.5	EPA 200.8	11/04/19 15:07	11/04/19 15:07	1
Copper	115		ug/L	0.993	10.0	EPA 200.8	11/04/19 15:07	11/04/19 15:07	1

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Lab ID: N082334-02 **Matrix:** Drinking Water **Date Collected:** 10/23/19 07:07

Sample ID: BK3L Right Faucet **Date Received:** 10/24/19 16:00

Total Metals

Analyte	Results	Flag	Units	MDL	RDL	Method	Analyzed	Prepared	Dilution
Lead	34.2		ug/L	0.1	0.5	EPA 200.8	11/04/19 15:10	11/04/19 15:10	1
Copper	114		ug/L	0.993	10.0	EPA 200.8	11/04/19 15:10	11/04/19 15:10	1

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Lab ID: N082334-03 **Matrix:** Drinking Water **Date Collected:** 10/23/19 07:08

Sample ID: KC Second Floor Kitchen **Date Received:** 10/24/19 16:00

Total Metals

Analyte	Results	Flag	Units	MDL	RDL	Method	Analyzed	Prepared	Dilution
Lead	3.1		ug/L	0.1	0.5	EPA 200.8	11/04/19 15:13	11/04/19 15:13	1
Copper	92.9		ug/L	0.993	10.0	EPA 200.8	11/04/19 15:13	11/04/19 15:13	1

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Notes and Definitions

U	Compound not detected
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Reporting Detection Limit (RDL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
<	Less than reporting limit
≤	Less than or equal to reporting limit
>	Greater than reporting limit
≥	Greater than or equal to reporting limit
MDL	Method Detection Limit
RDL	Reporting Detection Limit
MCL/AL	Maxium Contaminant Level/Action Level
mg/kg wet	Results reported as wet weight
TTLC	Total Threshold Limit Concentration
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leachate Procedure

All work performed by New Jersey Analytical Laboratories LLC, is subject to our terms and conditions of services viewable at our office and our website: http://www.njal.com/About-NJAL/Terms-and-Conditions.aspx

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Page: 1 of 1 Page

Lab Job #

N082334-03

LABORATORY SERVICES
380 Scotch Rd. Building 2 Suite 1B Ewing, NJ 08628 Phone: 609-737-3477 Fax:609-737-3052 www.NJAL.com or www.InternationalHydronics.com

CHAIN OF CUSTODY

Client Name: International Charter School of Trenton

CONTACT NAME: Melissa Benford Phone: 609-394-3111,

Client Report & Bill to Address: Melissa Benford, International Charter School of Trenton
105 Grand StreetTrenton, NJ 08611
Phone: 609-394-3111 Email: mbenford@gmail.com

Project Name & Address: *International Charter School - 105 Grand St, Trenton NJ*
Proj. Number: NJ-BOE- NJAC: 6A:26 - Lead 200.8 NJAL QUOTE # 18635

PRESERVATIVE | COMMENTS

Lab to preserve samples on receipt.

Collected By: Customer
Signature:
Organization:

Turn-Around Time: STANDARD

NJ-BOE- NJAC: 6A:26 - Lead 200.8

SEQ #	Date	Time	Sample Identification	Grab	1st Draw Y/N	Flushed Y/N	Seconds Flushed	H2SO4	HNO3 Nitric Acid	Caustic NaOH	HCL	Un-Preserved, Cool 4°C	Other	Sterile - Sodium ThioSulfate, 4	~~~~~~ ANALYSIS REQUESTED ~~~~~~	pH Verification
#1	10/23/2019	7:07	BK3L left faucet 1st Draw	X	Y	N						X			NJ-BOE- NJAC: 6A:26 - Lead 200.8 (250 mL P, UnPrev)	pH< 2
#2	10/23/2019	7:07	BK3R right faucet 1st Draw	X	Y	N						X			NJ-BOE- NJAC: 6A:26 - Lead 200.8 (250 mL P, UnPrev)	pH< 2
#3	10/23/2019	7:08	KC Second Floor Kitchen 1st Draw	X	Y	N						X			NJ-BOE- NJAC: 6A:26 - Lead 200.8 (250 mL P, UnPrev)	pH< 2

Cooler Temp 1.2 °C +CF 0.2 °C = 1.4 °C
Received on Ice Y N
Aq. Pest, pH 5-9 Y N N/A
pH Adjustment HNO3 @ 1630 10/24/19
Chlorine Present Y N N/A
VOA Headspace Y N N/A GD

Post Installation of New Faucets

NJAL Pickup Service

Turn Around Time : Results Due By: Date:

Matrix: DW = Drinking Water, WW =Wastewater, SL = Sludge, S=Soil, SW=Surface H2O, GW = Ground H20, WST=Waste

Relinquished by: Date 10/24/19 Time 8:15 Received By:
Samples Collected by Customer: [X]
Samples Collected By NJAL Field Services [ ]

Relinquished by: Date 10/24/19 Time 1600 Received By: 10.24.19 @1600
Samples Delivered to Lab by Customer: [ ]
Samples Delivered to Lab by NJAL Field Services: [X]

Lab Use: Lab Use: Iced: Y / N, Cooler Temp = °C
Initials: @ NJAL