

Attendees:

Mike Kubert, Superintendent Buildings & Grounds Foundation (BPS)
Erwin Smieszek, EPA New Jersey Office – Sampling Lead
Sarah Peterson, EPA New Jersey Office – Assistant

Building Photo and Description:



Lincoln Community #5 is a K-8 grade school built in 1919. An addition was added in 1976. To the left is a photo of the front entrance (Prospect Avenue) taken by EPA.

BPS Sampling/Analytical Results/Remediation:

BPS staff had conducted sampling of Lincoln Community School on December 11, 2013. Sampling began in the 1st floor, then 2nd floor, and then the Art room above 2nd floor, where BPS collected 500mL first draw samples for a total of 30 sampled outlets. BPS sampling included bathroom/art room faucets and if 2 or more outlets are next to each other, BPS would sample all outlets. Analytical results were compared to the EPA Lead and Copper Rule (LCR) action limit of 15ppb. Four (4) results exceeded the 15ppb action limit, the Gym Bathroom faucet (42ppb) which was replaced, the bubbler in Room 115 (55ppb), the bubbler in Room 107 (492ppb) which was removed and the Hallway bubbler (736 ppb) outside Room 204.

EPA Objective and Observations:

Although BPS had conducted sampling, analysis and remediation of some outlets within BPS, the approach used did not follow the Region 2 Children's Health Initiative - EPA 3T's Lead in Drinking Water program. The objective of the pre-sampling walk-thru is to locate the cold water (CW) potable outlets and determine if these outlets require repair (see underlined outlets below) by BPS prior to EPA sampling. EPA also noted whether the outlets were remediated (i.e. removed, replaced).

The attached floor diagram displays the approximate locations of the building's water main entry, water meter and potable water outlets. The water main (30th Street) enters the first floor Girl's Locker room where the water meter is located, flows thru the building to the boiler room and continues to the remainder of the building. There is no in-line water filter or central chiller (to pre-chill the water) prior to water distribution. Plumbing diagrams are not available, therefore, EPA/BPS made an educated guess as to the water piping layout and water distribution through-out the building (see floor diagram).

All CW outlets were observed for leaks, drips, spray pattern, color, temperature (warm/cold), tempered water devices, screens, point of use (POU) filters. There are no outside drinking fountains, water features or lawn sprinkler system.

Note: EPA only samples one outlet of a group of outlets (i.e. if faucet and bubbler, bubbler takes precedence).
Note: Bathrooms/Custodial/Science/Art outlets are not sampled and are only noted if repair is required.

1st Floor Girls Locker Room Water Main (enters 30th street) and Meter (Brass)
 Girls Locker Room Chiller.
 Hallway Chiller outside Main Office.
 Pool Chiller. Oasis.
 Boys Locker Room Bubbler. Bubbler leaks continuously.
 Room 103 Bubbler. Shut off.
 Room 102 Bubbler. Drain clogged.
 Room 101 Bubbler and Faucet.
 Room 104 Bubbler. Shut off.
 Room 106 Bubbler.
 Room 111 Faucet.
 Room 110 Bubbler and Faucet. Bubbler turned off.
 Room 112 Bubbler and Faucet. Bubbler low flow.
 Room 114 Bubbler and Faucet. BPS did not sample. Should be sampled.
 Hallway Bubbler across from Room 113. Bubbler low flow.
 Room 115 Two (2) faucets on right side of room. Left faucet no screen.
 Three (3) faucets on left side of room.
 Nurse Faucet (screen on).
 Hallway Chiller. EBCO. Across from Room 122.
 Room 122 Faucet.
 Room 144 Faucet.
 Room ? Faucet. Room 144 is within this Room.
2nd Floor Hallway Chiller outside Girls/Boys Bathroom.
 Room 200 Faucet.
 Room 203 Bubbler and Faucet.
 Room 202 Bubbler (low flow) and Faucet (screen on) irregular spray pattern.
 Room 201 Bubbler (shut off) and Faucet irregular spray pattern.
 Hallway Bubbler turned off. Bubbler replaced by BPS.
 Room 210 Faucet. No cold water, only hot water.
Tower Art Room Above Room 212. Faucet (no screen).

Note: EPA only samples one outlet of a group of outlets (i.e. if faucet and bubbler, bubbler takes precedence).
Note: Bathrooms/Custodial/Science/Art outlets are not sampled and are only noted if repair is required.

1 st Floor	Girls Locker Room	Water Main (enters 30 th street) and Meter (Brass)	
	Girls Locker Room	Chiller.	
	Hallway	Chiller outside Main Office.	
	Pool	Chiller. Oasis.	
	Boys Locker Room	Bubbler. <u>Bubbler leaks continuously.</u>	O-K
	Room 103	Bubbler. <u>Shut off.</u>	O-K
	Room 102	Bubbler. <u>Drain clogged.</u>	O-K
	Room 101	Bubbler and Faucet.	O-K
	Room 104	Bubbler. <u>Shut off.</u>	O-K
	Room 106	Bubbler.	
	Room 111	Faucet.	
	Room 110	Bubbler and Faucet. <u>Bubbler turned off.</u>	O-K
	Room 112	Bubbler and Faucet. <u>Bubbler low flow.</u>	O-K
	Room 114	Bubbler and Faucet. <u>BPS did not sample. Should be sampled.</u>	
	Hallway	Bubbler across from Room 113. <u>Bubbler low flow.</u>	O-K
	Room 115	Two (2) faucets on right side of room. Left faucet no screen.	O-K
		Three (3) faucets on left side of room.	
	Nurse	Faucet (screen on).	
	Hallway	Chiller. EBCO. Across from Room 122.	
	Room 122	Faucet.	
	Room 144	Faucet.	
	Room ?	Faucet. Room 144 is within this Room.	
2 nd Floor	Hallway	Chiller outside Girls/Boys Bathroom.	
	Room 200	Faucet.	
	Room 203	Bubbler and Faucet.	
	Room 202	<u>Bubbler (low flow) and Faucet (screen on) irregular spray pattern.</u>	O-K
	Room 201	<u>Bubbler (shut off) and Faucet irregular spray pattern.</u>	
	Hallway	<u>Bubbler turned off.</u> Bubbler replaced by BPS.	O-K
	Room 210	Faucet. No cold water, only hot water.	O-K
Tower	Art Room	Above Room 212. Faucet (no screen).	O-K

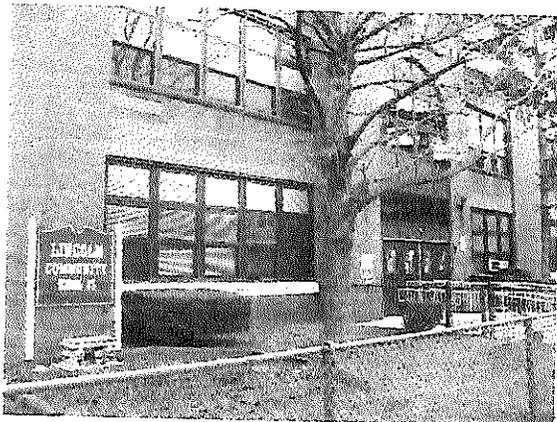
114 REPLACE VACUM B
112 R 20 20 B

MANNY AND BILL

Attendees:

Mike Kubert, BPS Superintendent Buildings & Grounds Foundation
Scott Nolan, BPS BOE Code Compliance Supervisor
Erwin Smieszek, EPA New Jersey Office – Sampling Lead
Thuan Tran, EPA New Jersey Office – Sampler

Building Photo and Description:



Lincoln Community #5 is a K-8 grade school built in 1919. An addition was added in 1976. To the left is a photo of the front entrance (Prospect Avenue) taken by EPA on April 9, 2015.

Pre-Sampling Walk-thru:

On Thursday, April 9, 2015, Erwin Smieszek (Lead) and Sarah Peterson conducted a Lead in Drinking Water pre-sampling walk-thru of #5 Lincoln Community School. See April 30, 2015 modified pre-sampling report for objectives and observations.

Sampling Day Introductions/General Conditions

Prior to the sampling event, it was determined that the BPS would not be flushing the outlets.

On Friday, April 29, 2016, EPA Inspectors Erwin Smieszek (Inspection Lead) and Thuan Tran conducted a Lead in Drinking Water sampling event at the BPS #5 Lincoln Community School. EPA met and presented credentials to BPS Mike Kubert and Scott Nolan. Mr. Kubert and Mr. Nolan accompanied EPA during the sampling event. There were no other personnel in the school during sampling. Mr. Kubert stated that no water was used from the building since 7:30pm April 28, 2016 and the building was locked at 7:30pm on April 28, 2016. The schools after school program ended at approximately 5:30pm on April 28, 2016. There were no do not use water signs posted at the School Door #9 entrance/exit to indicate that water sampling was to be conducted.

Sampling Design/Process and Observations:

The water main is located on the First Floor. Water sampling would begin with the outlet closest to the water main and continue downstream (see Chain of Custody and Floor Diagrams).

A field reagent blank (FRB) was collected in the First Floor Hallway by the Main Office (near sample 1/02) and then water samples were collected. For each outlet sampled, initial and follow-up (30

second) cold-water samples were collected in separate pre-cleaned certified HDPE 250mL wide mouth containers. Sample codes were either written with permanent marker or labels were placed under each (or next to) sampled outlet. Mr. Smieszek provided verbal sampling observations to Mr. Kubert as sampling progressed. Additional sampling information can be found on the attached Floor Diagram and Chain of Custody (COC) form.

	Sample Number	Location	Comments (also see Floor Diagrams/Chain of Custody)
1 st Floor	00	Hallway by Main Office	Field Reagent Blank.
1 st Floor	1/2	Hallway chiller by Main Office	Elkay m/n EHFS A8 1K s/n 150732139 No visible POU filter Compressor on.
1 st Floor	3/4	Boys Locker Room bubbler	No POU filter.
1 st Floor	5/6	Chiller in Pool Area	Elkay m/n EZSF8 1F s/n 150837969 No visible POU filter. Compressor on. Note: April 9, 2015 walk-thru had Oasis chiller.
1 st Floor	7/8	Girls Locker Room bubbler	No POU filter.
1 st Floor	9/10	Classroom 101 bubbler	Bubbler and Faucet. Sampled bubbler. No POU filter.
Note 1: Classrooms 102, 103, 104, 106 bubblers removed after April 9, 2015 pre-sample walk-thru. Note 2: Classrooms 105 and 107 bubblers were removed prior to EPA pre-sample walk thru of April 9, 2015.			
1 st Floor	11/12	Hallway chiller by Classroom 109	Elkay m/n EHFA8 1F s/n 020833291 No visible POU filter Compressor on.
1 st Floor	13/14	Classroom 111 faucet Life Skills	Aerator on. No POU filter. Faucet hose connection leaks when cold water turned on
1 st Floor	15/16	Classroom 110 bubbler farthest from bathroom	Bubbler and Faucet. Sampled bubbler. No POU filter.
1 st Floor	17/18	Classroom 110 bubbler closest to bathroom (formerly classroom 112)	Bubbler and Faucet. Sampled bubbler. No POU filter.
1 st Floor	19/20	Hallway bubbler by Classroom 114	Halsey Taylor m/n HRFS B s/n 110937979 No POU filter.
1 st Floor	21/22	Classroom 114 bubbler	Bubbler and Faucet. Sampled bubbler. No POU filter. BPS did not sample in 2013
1 st Floor	23/24	Classroom 115 faucet	Set of 3 faucets and set of 2 faucets 3 faucets – sampled left – closest to window Screen on. No POU filter. "Not Drinking Water" sign

1st Floor	25/26	Nurse Faucet	Screen on. No POU filter. 2 cases of bottled water observed.
1st Floor	27/28	Classroom 122 faucet. Therapy room for autistic students.	Aerator on. No POU filter. "Not Drinking Water" sign
1st Floor	29/30	Hallway Chiller by Classroom 122	EBCO no m/n or s/n No visible POU filter. Compressor did not turn on during sampling.
1st Floor	31/32	Room 141 faucet Changing room for autistic students	Screen on. No POU filter.
2nd Floor	33/34	Hallway Chiller in front Girls/Boys Bathrooms	Elkay m/n EHFA8 1F s/n 020832761 No visible POU filter. Compressor on.
2nd Floor	35/36	Teacher (Room 200) bathroom faucet	Screen on. No POU filter.
2nd Floor	37/38	Classroom 203 bubbler	Bubbler and Faucet. Sampled bubbler. No POU filter.
2nd Floor	39/40	Classroom 202 bubbler	Bubbler and Faucet. Sampled bubbler. No POU filter.
2nd Floor	41/42	Classroom 201 bubbler	Bubbler and Faucet. Sampled bubbler. No POU filter.
2nd Floor	43/44	Hallway bubbler by Classroom 204	Halsey Taylor m/n HRFSB s/n 131119104 No POU filter.
2nd Floor	45/46	Classroom 210 faucet	Delta single lever. Screen on. No POU filter. - 1st draw warm water and light yellow color - 2nd draw hot water. Cold water valve appears to be turned off. "Not Drinking Water" sign

No sampling deviations were made from the EPA Quality Assurance Project Plan (QAPP). No photos were taken.

Mr. Kubert stated on March 23, 2016 that BPS has for the past few weeks begun a daily flushing routine at all schools. School custodians will flush all outlets (except bathrooms/slop sinks) prior to student arrival for approximately 60 seconds.

Mr. Kubert stated on April 22, 2016 that BPS has been providing bottled water to each school nurse.

Twenty-three (23) potable water outlets, for a total of forty-six (46) (initial and follow-up) plus one (1) Field Reagent Blank were collected. All samples were preserved with nitric acid (HNO3) to a pH < 2 at the EPA Laboratory.

Attachments

- Chain of Custody's (4 pages)
- Building Floor Diagrams (2 pages)

CLIENT INFORMATION

Name: Bayonne Public Schools
 Address: 669 Avenue A, Bayonne, NJ 07002
 Client Rep: Dr. Patricia McGeehan Superintendent of Schools

EPA INFORMATION

Name: US Environmental Protection Agency - Region 2
 Address: 2890 Woodbridge Ave., Edison, NJ 08837
 Proj. Mgr: John Kushwara

PROJECT INFORMATION

BLDG ID:
 BLDG No./Name: #5 Lincoln Community School
 BLDG Address: 208 Prospect Avenue, Bayonne NJ 07002
 Contact Name & Numbers: Mike Kubert 201.858.5582 mkubert@bboed.org
 Yr. Built: 1919 (1) Yr. 1st Add.: 1976 (2) Yr. 2nd Add.: (3) Yr. 1st Mod.: (4) Yr. 2nd Mod.:

INSPECTOR(S): Erwin Smieszek (Lead) & Thuan Tran

SAMPLING DATE: Friday, April 29, 2016

SAMPLE DATA

Sample Description ID (ID must match container label)							Outlet Information				
Sample #	Floor	Functional Space Code	IN/BY	Room Number	Construc. Code	Sample/Outlet Code	Sampled Outlet Location/Coordinates number and Serial number	Model	0 Seconds	30 Seconds	Time of collection (24hr)
00		FRBLANK					Along by Main Office				0407
01		HAB YMAIN 01 B					Along by Main Office				0409
02		HAB YMAIN 02 B					Along by Main Office				
03		RM INBOYS 01 A					Boys Locker Room				0411
04		RM INBOYS 02 A					Boys Locker Room				
05		RM IN POOL 01 B					Poolside				0414
06		RM IN POOL 02 B					Poolside				
07		RM IN GIRL 01 A					Girls Locker Room				0417
08		RM IN GIRL 02 A					Girls Locker Room				
09		CR IN C1 01 A					Restroom				0420
10		CR IN C1 02 A					Restroom				

All containers are pre-cleaned/pre-certified 250mL wide-mouth HDPE bottles.

CHAIN OF CUSTODY

Relinquished By: Erwin J. Smieszek	Received By: [Signature]	Date/Time: 4/29/16 0850
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All samples are Lab Processed by W. Rickard @ 9:15 and 4/29/16.

Method of shipment/delivery: Fed-Ex Hand Delivery US Mail UPS Courier Other

INSTRUCTIONS TO THE LABORATORY

Analyze all samples.
 Follow QAPP instructions
 Lab to preserve with HNO₃ at pH<2
 Other:

Lab: US EPA - Region 2
 2890 Woodbridge Ave.
 Edison, NJ 08837
 Contact: Ness Tiroi

Report Results to:
 Phone (732) 321-6686
 Email: kushwara.john@epa.gov

Comments: Provide Laboratory Data Report (LDR)

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mkubert@bboed.org

INSPECTOR(S): Erwin Smieszek (Lead) & Thuan Tran

SAMPLING DATE: Friday, April 29, 2016

SAMPLE DATA

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Sample #	Floor	Functional Space Code	IN/BY	Room Number	Construc. Code	Sample/Outlet Code	Sampled Outlet Location/Coordinates number and Serial number	Model	0 Seconds	30 Seconds	Time of collection (24hr)
1	01	HABYC	109	1	B	B	Entry into ERFAJIT on 22055291 Nozzle for filter		-	-	0428
12	01	HABYC	109	1	B	B	Nothing inside by floor in 109 could be traced (anyway)		-	-	
13	01	CRINLIFE	1	1	F	F	Classroom 110 - into sink No. 100 filter		-	-	0431
14	01	CRINLIFE	1	2	F	F	Unplugged leads & hose connection to sink		-	-	
15	01	CRIN	110	A	1	A	Faucet/bubbler Classroom 110 farthest from kitchen		-	-	0435
16	01	CRIN	110	A	2	A	in the filter		-	-	
17	01	CRIN	110	B	1	A	Classroom 110 by bathroom Faucet/bubbler		-	-	0438
18	01	CRIN	110	B	2	A	in the filter		-	-	
19	01	HABYC	114	1	A	A	Hobby by the 1205 Bsta 11093797 Hobby bubbler by Classroom 114		-	-	0442
20	01	HABYC	114	1	A	A	in the filter		-	-	
21	01	CRINC	114	1	A	A	Faucet/bubbler Classroom 114 in the filter		-	-	0445
22	01	CRINC	114	1	A	A	in the filter		-	-	

All containers are pre-cleaned/pre-certified 250mL wide-mouth HDPE bottles.

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date/Time:
Erwin J. Smieszek	[Signature]	04/29/16 0850

Method of shipment/delivery: Fed-Ex Hand Delivery US Mail UPS Courier Other

INSTRUCTIONS TO THE LABORATORY

<input checked="" type="checkbox"/> Analyze all samples. <input checked="" type="checkbox"/> Follow QAPP instructions <input checked="" type="checkbox"/> Lab to preserve with HNO ₃ at pH<2 Container:	Lab: US EPA - Region 2 2890 Woodbridge Ave. Edison, NJ 08837 Contact: Ness Tirol	Report Results to: Phone (732) 321-6686 Email: kushwara.john@epa.gov
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Comments: Provide Laboratory Data Report (LDR)

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INSPECTOR(S): Erwin Smieszek (Lead) & Thuan Tran

SAMPLING DATE: Friday, April 29, 2016

SAMPLE DATA

Sample Description ID (ID must match container label)								Outlet Information				
Sample #	Floor	Functional	Space Code	IN/BY	Room Number	Construc. Code	Sample/Outlet Code	Sampled Outlet Location/Coordinates number and Serial number	Model	0 Seconds	30 Seconds	Time of collection (24hr)
23	R1	CRIM	C115	11F				Classroom 115 left faucet K. for filter	Sampled -	-	-	0450
24	R1	CRIM	C115	12F				Screen on graduation table sign		-	-	-
25	R1	MCI	NURS	11F				Box office faucet N. Pa. Lake		-	-	0453
26	R1	MCI	NURS	12F				Screen on assembled under sink		-	-	-
27	R1	CRIM	C122	11F				Therapy Room - Artistic children Screen on faucet H. 2. filter		-	-	0501
28	R1	CRIM	C122	12F				water "not drinking water" sign		-	-	-
29	R1	HABY	C122	11B				EBLCO in display - for 2. filter Substitution of display 120		-	-	0504
30	R1	HABY	C122	12B				filter not operational during sampling		-	-	-
31	R1	RMIN	R141	11F				changing room faucet (downstairs) M. for filter		-	-	0507
32	R1	RMIN	R141	12F				screen on		-	-	-
33	R2	HABY	6BBB	11B				ELLAM min EHLAS of 2/10/2005 2761 contaminated filter and cup 12. filter on public for filter		-	-	0515
34	R2	HABY	6BBB	12B				filter operational (compressor)		-	-	-

All containers are pre-cleaned/pre-certified 250mL wide-mouth HDPE bottles.

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date/Time:
Erwin J. Smieszek		04/29/16 0550

Method of shipment/delivery: Fed-Ex Hand Delivery US Mail UPS Courier Other

INSTRUCTIONS TO THE LABORATORY

<input checked="" type="checkbox"/> Analyze all samples. <input checked="" type="checkbox"/> Follow QAPP instructions <input checked="" type="checkbox"/> Lab to preserve with HNO ₃ at pH<2 Other: _____	Lab: US EPA - Region 2 2890 Woodbridge Ave. Edison, NJ 08837 Contact: Ness Tirol	Report Results to: Phone (732) 321-6686 Email: kushwara.john@epa.gov
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Comments: Provide Laboratory Data Report (LDR)

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SAMPLE DATA

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35	2	BR IN TEAC	1	1	F			Bathroom sink in Teacher Ltr (Rm 200) no rin filter				0520
36	2	BR IN TEAC	1	2	F			screened				
37	2	CR IN C203	1	1	A			Bubbler/faucet classroom 203 bubbler				0528
38	2	CR IN C203	1	2	A			no rin filter				
39	2	CR IN C242	1	1	A			Bubbler/faucet classroom 242 bubbler				0531
40	2	CR IN C242	1	2	A			no rin filter				
41	2	CR IN C206	1	1	A			Bubbler/faucet classroom 206 bubbler				0533
42	2	CR IN C206	1	2	A			no rin filter				
43	2	HABY C204	1	1	A			Hobby Taylor info H.F.S.B. No 131119/04 Hobby bubbler by Classroom 204				0535
44	2	HABY C204	1	2	A			no rin filter				
45	2	CR IN C210	1	1	F			Delta screen on single lever no rin filter no rin filter classroom 210 bubbler				0539
46	2	CR IN C210	1	2	F			no rin filter classroom 210 bubbler				

All containers are pre-cleaned/pre-certified 250mL wide-mouth HDPE bottles.

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date/Time:
Erwin J. Smieszek	[Signature]	04/29/16 0535

Method of shipment/delivery: Fed-Ex Hand Delivery US Mail UPS Courier Other

INSTRUCTIONS TO THE LABORATORY

<input checked="" type="checkbox"/> Analyze all samples. <input checked="" type="checkbox"/> Follow QAPP instructions <input checked="" type="checkbox"/> Lab to preserve with HNO ₃ at pH<2 Other:	Lab: US EPA - Region 2 2890 Woodbridge Ave. Edison, NJ 08837 Contact: Ness Tirol	Report Results to: Phone (732) 321-6686 Email: kushwara.john@epa.gov
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Comments: Provide Laboratory Data Report (LDR)

Table 1. OUTLET/ PLUMBING/ SAMPLE CODE				Table 2. FUNCTIONAL SPACE	
CODE	TYPE OF OUTLET OR PLUMBING	INITIAL SCREENING (1 ST DRAW) SAMPLE	FOLLOW-UP SAMPLES	COD	FUNCTIONAL SPACE
	Service Connection to Distribution Main	1S	1M	KI	Kitchen
A	Bubblers Without Central Chiller	1A	2A	GY	Gymnasium
B	Bubblers with Central Chiller	1B	2B	CF	Cafeteria
-	Central Chiller Unit	-	3B, 4B	TC	Teachers' Cafeteria
C	Water Cooler	1C	2C, 3C, 4C	BC	Boys' Cafeteria
D	Bottled Water Dispensers	1D	2D	GC	Girls' Cafeteria
E	Ice Making Machines	1E	2E	CR	Classroom
F	Water Faucets (Tap)	1F	2F	HA	Hallway
	Interior Plumbing			BR	Bathroom
G	Laterals	-	1G	GB	Girls' Bathroom
H	Headers	-	1H	BB	Boys' Bathroom
I	Loops	-	1I	RM	Room
J	Risers	-	1J	OF	Office
				LB	Laboratory
				LI	Library
				MO	Medical Office
				BO	Boiler Room
				LR	Locker Room
				NM	Natatorium
				WP	Water Meter/Pump Room
				SS	Slop Sink

Table 3. FLOOR CODE	
CODE	FLOOR
SB	Sub Basement
BS	Basement
MZ	Mezzanine
01	1 st Floor
02	2 nd Floor
3	3 rd Floor
04	4 th Floor etc

Table 4. CONSTRUCTION DATE CODE	
CODE	CONSTRUCTION
0	Original Construction
1	1 st Addition
2	2 nd Addition
3	1 st Modernization
4	2 nd Modernization

NOTE: EPA typically samples the highlighted outlets in Table 1.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**Region 2 Laboratory
2890 Woodbridge Avenue
Edison , New Jersey 08837
732-906-6886 Phone
732-906-6165 Fax**

May 12, 2016

John Kushwara
Monitoring & Assessment Branch
DESA/MAB
Edison, NJ 08837

RE: BPS-#5 Lincoln Community School-1604056

Enclosed are the results of analyses for samples received by the laboratory on 04/29/2016. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1603046 and contact the laboratory.

Sincerely,

A handwritten signature in cursive script, appearing to read "John R. Bourbon".

John R. Bourbon
Chief, DESA/LB

←—Please click here to complete the EPA Region 2 Lab Project Survey—→



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1604056

Project Number: 1603046

Project Narrative:

The National Environmental Laboratory Accreditation Conference Institute (NELAP) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAP established and promoted a National Environmental Laboratory Accreditation Program (NELAP) that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAP accredited. The Laboratory tests that are accredited have met all the requirements established under the NELAP Standards.

Condition Comments

None

Comment(s):

The "Sample Analysis Date and Time" is included in the results section for any analyte with a prescribed holding time of 72 hours or less.

Data Qualifier(s):

- U- The analyte was not detected at or above the Reporting Limit.
- J- The identification of the analyte is acceptable; the reported value is an estimate.
- K- The identification of the analyte is acceptable; the reported value may be biased high.
- L- The identification of the analyte is acceptable; the reported value may be biased low.
- NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1604056

Project Number: 1603046

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
00 - LC - FRBLANK	1604056-01	Aqueous	04/29/2016 04:07	04/29/2016 08:50
0101HABYMAIN01B	1604056-02	Aqueous	04/29/2016 04:09	04/29/2016 08:50
0201HABYMAIN02B	1604056-03	Aqueous	04/29/2016 04:09	04/29/2016 08:50
0301RMINBOYS01A	1604056-04	Aqueous	04/29/2016 04:11	04/29/2016 08:50
0401RMINBOYS02A	1604056-05	Aqueous	04/29/2016 04:11	04/29/2016 08:50
0501NMINPOOL01B	1604056-06	Aqueous	04/29/2016 04:14	04/29/2016 08:50
0601NMINPOOL02B	1604056-07	Aqueous	04/29/2016 04:14	04/29/2016 08:50
0701RMINGIRL01A	1604056-08	Aqueous	04/29/2016 04:17	04/29/2016 08:50
0801RMINGIRL02A	1604056-09	Aqueous	04/29/2016 04:17	04/29/2016 08:50
0901CRINC10101A	1604056-10	Aqueous	04/29/2016 04:20	04/29/2016 08:50
1001CRINC10102A	1604056-11	Aqueous	04/29/2016 04:20	04/29/2016 08:50
1101HABYC10911B	1604056-12	Aqueous	04/29/2016 04:28	04/29/2016 08:50
1201HABYC10912B	1604056-13	Aqueous	04/29/2016 04:28	04/29/2016 08:50
1301CRINLIFE11F	1604056-14	Aqueous	04/29/2016 04:31	04/29/2016 08:50
1401CRINLIFE12F	1604056-15	Aqueous	04/29/2016 04:31	04/29/2016 08:50
1501CRIN110A11A	1604056-16	Aqueous	04/29/2016 04:35	04/29/2016 08:50
1601CRIN110A12A	1604056-17	Aqueous	04/29/2016 04:35	04/29/2016 08:50
1701CRIN110B11A	1604056-18	Aqueous	04/29/2016 04:38	04/29/2016 08:50
1801CRIN110B12A	1604056-19	Aqueous	04/29/2016 04:38	04/29/2016 08:50
1901HABYC11411A	1604056-20	Aqueous	04/29/2016 04:42	04/29/2016 08:50
2001HABYC11412A	1604056-21	Aqueous	04/29/2016 04:42	04/29/2016 08:50
2101CRINC11411A	1604056-22	Aqueous	04/29/2016 04:45	04/29/2016 08:50
2201CRINC11412A	1604056-23	Aqueous	04/29/2016 04:45	04/29/2016 08:50
2301CRINC11511F	1604056-24	Aqueous	04/29/2016 04:50	04/29/2016 08:50
2401CRINC11512F	1604056-25	Aqueous	04/29/2016 04:50	04/29/2016 08:50
2501MOINNURS11F	1604056-26	Aqueous	04/29/2016 04:53	04/29/2016 08:50
2601MOINNURS12F	1604056-27	Aqueous	04/29/2016 04:53	04/29/2016 08:50
2701CRINC12211F	1604056-28	Aqueous	04/29/2016 05:01	04/29/2016 08:50
2801CRINC12212F	1604056-29	Aqueous	04/29/2016 05:01	04/29/2016 08:50



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1604056

Project Number: 1603046

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
2901HABYC12211B	1604056-30	Aqueous	04/29/2016 05:04	04/29/2016 08:50
3001HABYC12212B	1604056-31	Aqueous	04/29/2016 05:04	04/29/2016 08:50
3101RMINR14111F	1604056-32	Aqueous	04/29/2016 05:07	04/29/2016 08:50
3201RMINR14112F	1604056-33	Aqueous	04/29/2016 05:07	04/29/2016 08:50
3302HABYG BBB11B	1604056-34	Aqueous	04/29/2016 05:15	04/29/2016 08:50
3402HABYG BBB12B	1604056-35	Aqueous	04/29/2016 05:15	04/29/2016 08:50
3502BRINTEAC11F	1604056-36	Aqueous	04/29/2016 05:20	04/29/2016 08:50
3602BRINTEAC12F	1604056-37	Aqueous	04/29/2016 05:20	04/29/2016 08:50
3702CRINC20311A	1604056-38	Aqueous	04/29/2016 05:28	04/29/2016 08:50
3802CRINC20312A	1604056-39	Aqueous	04/29/2016 05:28	04/29/2016 08:50
3902CRINC20211A	1604056-40	Aqueous	04/29/2016 05:31	04/29/2016 08:50
4002CRINC20212A	1604056-41	Aqueous	04/29/2016 05:31	04/29/2016 08:50
4102CRINC20111A	1604056-42	Aqueous	04/29/2016 05:33	04/29/2016 08:50
4202CRINC20112A	1604056-43	Aqueous	04/29/2016 05:33	04/29/2016 08:50
4302HABYC20411A	1604056-44	Aqueous	04/29/2016 05:35	04/29/2016 08:50
4402HABYC20412A	1604056-45	Aqueous	04/29/2016 05:35	04/29/2016 08:50
4502CRINC21011F	1604056-46	Aqueous	04/29/2016 05:39	04/29/2016 08:50
4602CRINC21012F	1604056-47	Aqueous	04/29/2016 05:39	04/29/2016 08:50



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1604056

Project Number: 1603046

SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Lead	EPA 200.8 SOP C-112 Rev 3.3	NELAP	Aqueous



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1604056

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 00 - LC - FRBLANK		Sample ID: 1604056-01		
Metals ICPMS				
Lead	--	U	1.0	ug/L
Field ID: 0101HABYMAIN01B		Sample ID: 1604056-02		
Metals ICPMS Hallway chiller by Main Office				
Lead	--	U	1.0	ug/L
1st draw				
Field ID: 0201HABYMAIN02B		Sample ID: 1604056-03		
Metals ICPMS Hallway chiller by Main Office				
Lead	--	U	1.0	ug/L
2nd draw				
Field ID: 0301RMINBOYS01A		Sample ID: 1604056-04		
Metals ICPMS Bubbler in boys locker room				
Lead	2.5		1.0	ug/L
1st draw				
Field ID: 0401RMINBOYS02A		Sample ID: 1604056-05		
Metals ICPMS Bubbler in boys locker room				
Lead	1.2		1.0	ug/L
2nd draw				
Field ID: 0501NMINPOOL01B		Sample ID: 1604056-06		
Metals ICPMS Chiller in pool area				
Lead	1.4		1.0	ug/L
1st draw				
Field ID: 0601NMINPOOL02B		Sample ID: 1604056-07		
Metals ICPMS				



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1604056

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 0601NMINPOOL02B				
Sample ID: 1604056-07				
Metals ICPMS	Chiller in pool area			
Lead	2.6		1.0	ug/L
2nd draw				
Field ID: 0701RMINGIRL01A				
Sample ID: 1604056-08				
Metals ICPMS	Bubbler in girls			
Lead	4.0		1.0	ug/L
locker room				
1st draw				
Field ID: 0801RMINGIRL02A				
Sample ID: 1604056-09				
Metals ICPMS	Bubbler in girls			
Lead	2.3		1.0	ug/L
locker room				
2nd draw				
Field ID: 0901CRINC10101A				
Sample ID: 1604056-10				
Metals ICPMS	Faucet/bubbler in			
Lead	1.3		1.0	ug/L
Room 101				
1st draw				
Field ID: 1001CRINC10102A				
Sample ID: 1604056-11				
Metals ICPMS	Faucet/bubbler in			
Lead	--	U	1.0	ug/L
Room 101				
2nd draw				
Field ID: 1101HABYC10911B				
Sample ID: 1604056-12				
Metals ICPMS	Hallway chillers by			
Lead	--	U	1.0	ug/L
Room 109				
1st draw				
Field ID: 1201HABYC10912B				
Sample ID: 1604056-13				
Metals ICPMS	Hallway chiller by			
Lead	--	U	1.0	ug/L
Room 109				
2nd draw				



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1604056

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 1201HABYC10912B				Sample ID: 1604056-13
Metals ICPMS				
Field ID: 1301CRINLIFE11F				Sample ID: 1604056-14
Metals ICPMS	Faucet in Room 111			
Lead	1st draw	--	U	1.0 ug/L
Field ID: 1401CRINLIFE12F				Sample ID: 1604056-15
Metals ICPMS	Faucet in Room 111			
Lead	2nd draw	--	U	1.0 ug/L
Field ID: 1501CRIN110A11A				Sample ID: 1604056-16
Metals ICPMS	Faucet/bubbler in			
Lead	Room 110 1st draw	3.6		1.0 ug/L
Field ID: 1601CRIN110A12A				Sample ID: 1604056-17
Metals ICPMS	Faucet/bubbler in			
Lead	Room 110 2nd draw	--	U	1.0 ug/L
Field ID: 1701CRIN110B11A				Sample ID: 1604056-18
Metals ICPMS	Faucet/bubbler next to			
Lead	lavatory in room 110 1st draw	2.8		1.0 ug/L
Field ID: 1801CRIN110B12A				Sample ID: 1604056-19
Metals ICPMS	Faucet/bubbler next to			
Lead	lavatory in room 110 2nd draw	--	U	1.0 ug/L



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

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Project: BPS-#5 Lincoln Community School-1604056

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 1901HABYC11411A		Sample ID: 1604056-20		
Metals ICPMS	Hallway bubbler by Room 114			
Lead	1st draw	1.3	1.0	ug/L
Field ID: 2001HABYC11412A		Sample ID: 1604056-21		
Metals ICPMS	Hallway bubbler by Room 114			
Lead	2nd draw	--	U	1.0 ug/L
Field ID: 2101CRINC11411A		Sample ID: 1604056-22		
Metals ICPMS	Faucet/bubbler in Room 114			
Lead	1st draw	22	1.0	ug/L
Field ID: 2201CRINC11412A		Sample ID: 1604056-23		
Metals ICPMS	Faucet/bubbler in Room 114			
Lead	2nd draw	1.9	1.0	ug/L
Field ID: 2301CRINC11511F		Sample ID: 1604056-24		
Metals ICPMS	Left faucet on sink next to window in Room 115			
Lead	1st draw	24	1.0	ug/L
Field ID: 2401CRINC11512F		Sample ID: 1604056-25		
Metals ICPMS	Left faucet on sink next to window in Room 115			
Lead	2nd draw	4.8	1.0	ug/L
Field ID: 2501MOINNURS11F		Sample ID: 1604056-26		
Metals ICPMS				
Lead		--	U	1.0 ug/L



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1604056

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 2501MOINNURS11F Sample ID: 1604056-26				
Metals ICPMS				
Faucet in Nurses Office				
1st draw				
Field ID: 2601MOINNURS12F Sample ID: 1604056-27				
Metals ICPMS				
Faucet in Nurses Office				
2nd draw				
Lead	--	U	1.0	ug/L
Field ID: 2701CRINC12211F Sample ID: 1604056-28				
Metals ICPMS				
Faucet in Room 122				
1st draw				
Lead	--	U	1.0	ug/L
Field ID: 2801CRINC12212F Sample ID: 1604056-29				
Metals ICPMS				
Faucet in Room 122				
2nd draw				
Lead	--	U	1.0	ug/L
Field ID: 2901HABYC12211B Sample ID: 1604056-30				
Metals ICPMS				
Hallway chiller by				
Room 122				
1st draw				
Lead	--	U	1.0	ug/L
Field ID: 3001HABYC12212B Sample ID: 1604056-31				
Metals ICPMS				
Hallway chiller by				
Room 122				
2nd draw				
Lead	--	U	1.0	ug/L
Field ID: 3101RMINR14111F Sample ID: 1604056-32				
Metals ICPMS				
Faucet in changing room				
141				
1st draw				
Lead	2.2		1.0	ug/L



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1604056

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: 3201RMINR14112F		Sample ID: 1604056-33		
Metals ICPMS	Faucet in changing room			
	141			
Lead	2nd draw	---	U	1.0 ug/L
Field ID: 3302HABYG BBB11B		Sample ID: 1604056-34		
Metals ICPMS	Chiller between boys and girls lavatories			
Lead	1st draw	---	U	1.0 ug/L
Field ID: 3402HABYG BBB12B		Sample ID: 1604056-35		
Metals ICPMS	Chiller between boys and girls lavatories			
Lead	2nd draw	---	U	1.0 ug/L
Field ID: 3502BRINTEAC11F		Sample ID: 1604056-36		
Metals ICPMS	Faucet in Teachers lavatory Room 200			
Lead	1st draw	2.3	1.0	ug/L
Field ID: 3602BRINTEAC12F		Sample ID: 1604056-37		
Metals ICPMS	Faucet in Teachers lavatory Room 200			
Lead	2nd draw	---	U	1.0 ug/L
Field ID: 3702CRINC20311A		Sample ID: 1604056-38		
Metals ICPMS	Faucet/bubbler in Room 203			
Lead	1st draw	2.0	1.0	ug/L
Field ID: 3802CRINC20312A		Sample ID: 1604056-39		
Metals ICPMS	Faucet/bubbler in Room 203			
	2nd draw			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1604056

Project Number: 1603046

Analyte		Result	Qualifier	Reporting Limit	Units
Field ID: 3802CRINC20312A		Sample ID: 1604056-39			
Metals ICPMS	Faucet/bubbler in Room 202				
Lead	1st draw	--	U	1.0	ug/L
Field ID: 3902CRINC20211A		Sample ID: 1604056-40			
Metals ICPMS	Faucet/bubbler in Room 202				
Lead	2nd draw	3.5		1.0	ug/L
Field ID: 4002CRINC20212A		Sample ID: 1604056-41			
Metals ICPMS	Faucet/bubbler in room 201				
Lead	1st floor	--	U	1.0	ug/L
Field ID: 4102CRINC20111A		Sample ID: 1604056-42			
Metals ICPMS	Faucet/bubbler in Room 201				
Lead	2nd draw	15		1.0	ug/L
Field ID: 4202CRINC20112A		Sample ID: 1604056-43			
Metals ICPMS	Hallway bubbler by room 201				
Lead	1st draw	--	U	1.0	ug/L
Field ID: 4302HABYC20411A		Sample ID: 1604056-44			
Metals ICPMS	Hallway bubbler by room 204				
Lead	2nd draw	1.2		1.0	ug/L
Field ID: 4402HABYC20412A		Sample ID: 1604056-45			

Metals ICPMS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1604056

Project Number: 1603046

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: 4402HABYC20412A

Sample ID: 1604056-45

Metals ICPMS

Lead	---	U	1.0	ug/L
------	-----	---	-----	------

Field ID: 4502CRINC21011F

Sample ID: 1604056-46

Metals ICPMS Faucet in Room 210
1st draw

Lead	18		1.0	ug/L
------	----	--	-----	------

Field ID: 4602CRINC21012F

Sample ID: 1604056-47

Metals ICPMS Faucet in Room 210
2nd draw

Lead	---	U	1.0	ug/L
------	-----	---	-----	------

USEPA 3Ts program: BPS - Analytical Results for #4 Mary J. Donohoe; #2 Philip G. Vroom; #5 Lincoln Community Schools

2 messages

Kushwara, John <kushwara.john@epa.gov>

Fri, May 13, 2016 at 10:37 AM

To: Michael Kubert <mkubert@bboed.org>, "Tellman, Karen" <ktellman@bboed.org>, "Palagian, Evangelia" <Palagian.Evangelia@epa.gov>

Cc: "Kraft, Nicole" <Kraft.Nicole@epa.gov>, "McKenna, Douglas" <McKenna.Douglas@epa.gov>, "Tran, Thuan" <Tran.Thuan@epa.gov>, "Williamson, Anahita" <Williamson.Anahita@epa.gov>, "SMIESZEK, Erwin" <Smieszek.Erwin@epa.gov>

Good morning Mike/Karen/Evanglia,

I am providing this report in Erwin's absence. The below table displays the Bayonne Public Schools (BPS) #5 Lincoln Community School and #2 Philip Vroom School analytical results which are above the 3T's Action Limit of greater than 20ug/L (ppb) for sampling conducted on April 28, 29 2016. Please note that #5 Lincoln Community School had outlets just below the 3T's Action Limit and those results are also provided below. BPS should contact Evangelia Palagian (212.637.4246 or Palagian.evangelia@epa.gov) concerning the next steps regarding these potable water outlets. The remaining analytical results for the above schools and for #4 Mary Donohoe School were below the 3T's Action Limit.

#5 Lincoln School	Results	
Sample IDs	ug/L (ppb)	Comments
2101CRINC11411A	22	First Floor Classroom 114. Bubbler, First Draw (initial). See field sampling report for more information
2301CRINC11511F	24	First Floor Classroom 115, Faucet, First Draw (initial). See field sampling report for more information.

#5 Lincoln School	Results	
Sample IDs	ug/L (ppb)	Comments
4102CRINC20111A	15	Second Floor Classroom 201, Bubbler, First Draw (initial). See field sampling report for more information.
4502CRINC21011F	18	Second Floor Classroom 210, Faucet, First Draw (initial). See field sampling report for more information.

#5/Lincoln

Testing Date - 4/29/2016

23 potable water outlets tested

3 deficiencies

1st deficiency – Sink in room 114

Results 22ppb

Remediation – Sink was shut down. Replaced bubbler and sink remains shut off until retesting can be done. Bottled water sent to the building for the room

2nd deficiency – Sink in room 115

Results 24ppb

Remediation – Sink was shut down. Replaced faucets and sink remains shut down until retesting can be done. Bottled water sent to the building for the room.

3rd deficiency – Sink in room 210 (old home economics room)

Results 18ppb/below EPA level

Remediation – Sink was shut down on the first day. Sink has since been permanently removed.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**Region 2 Laboratory
2890 Woodbridge Avenue
Edison, New Jersey 08837
732-906-6886 Phone
732-906-6165 Fax**

June 30, 2016

John Kushwara
Monitoring & Assessment Branch
DESA/MAB
Edison, NJ 08837

RE: BPS-#5 Lincoln Community School-1606041

Enclosed are the results of analyses for samples received by the laboratory on 06/16/2016. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1606038 and contact the laboratory.

Sincerely,

A handwritten signature in cursive script that reads "John R. Bourbon".

John R. Bourbon
Chief, DESA/LB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1606041

Project Number: 1606038

Project Narrative:

The National Environmental Laboratory Accreditation Conference Institute (NELAP) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAP established and promoted a National Environmental Laboratory Accreditation Program (NELAP) that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAP accredited. The Laboratory tests that are accredited have met all the requirements established under the NELAP Standards.

Condition Comments

None

Comment(s):

The "Sample Analysis Date and Time" is included in the results section for any analyte with a prescribed holding time of 72 hours or less.

Data Qualifier(s):

- U- The analyte was not detected at or above the Reporting Limit.
- J- The identification of the analyte is acceptable; the reported value is an estimate.
- K- The identification of the analyte is acceptable; the reported value may be biased high.
- L- The identification of the analyte is acceptable; the reported value may be biased low.
- NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1606041

Project Number: 1606038

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
00 - LC-FRBLANK	1606041-01	Aqueous	06/16/2016 04:40	06/16/2016 08:30
2101CRINC11411A	1606041-02	Aqueous	06/16/2016 04:43	06/16/2016 08:30
2201CRINC11412A	1606041-03	Aqueous	06/16/2016 04:43	06/16/2016 08:30
2301CRINC11511F	1606041-04	Aqueous	06/16/2016 04:45	06/16/2016 08:30
2401CRINC11512F	1606041-05	Aqueous	06/16/2016 04:45	06/16/2016 08:30



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1606041

Project Number: 1606038

SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Lead	EPA 200.8 SOP C-112 Rev 3.4	NELAP	Aqueous



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1606041

Project Number: 1606038

Analyte	Result	Qualifier	Reporting Limit	Units	Date and Time of Analysis*
Field ID: 00 - LC-FRBLANK			Sample ID: 1606041-01		
Metals ICPMS Lead	---	U	1.0	ug/L	
Field ID: 2101CRINC11411A			Sample ID: 1606041-02		
Metals ICPMS Lead	2.3		1.0	ug/L	
		Faucet/bubbler in Room 114 1st draw			
Field ID: 2201CRINC11412A			Sample ID: 1606041-03		
Metals ICPMS Lead	---	U	1.0	ug/L	
		Faucet/bubbler in Room 114 2nd draw			
Field ID: 2301CRINC11511F			Sample ID: 1606041-04		
Metals ICPMS Lead	23		1.0	ug/L	
		Left faucet on sink next to window in Room 115 1st draw			
Field ID: 2401CRINC11512F			Sample ID: 1606041-05		
Metals ICPMS Lead	3.2		1.0	ug/L	
		Left faucet on sink next to window in Room 115 2nd draw			

From: Tellman, Karen [mailto:ktellman@bboed.org]
Sent: Thursday, July 21, 2016 1:41 PM
To: Palagian, Evangelia <Palagian.Evangelia@epa.gov>; Michael Kubert <mkubert@bboed.org>
Subject: Re-testing

On behalf of Mike Kubert

Good afternoon,

The Bayonne Board of Education has remediated the deficiencies at the following locations:

#2 School - Room 108

#12 School - Room 1

#6 School - Art Room Basement

#5 School - Room 15 (sink)

All new areas have been remedied with new copper lines and Aqua-Pure filters, model 3MFF100.

As a result of remediation we are ready to schedule re-testing with the EPA at your convenience. Please advise.

Karen Tellman

Bayonne Board of Education

Repair and Transportation Department

Sent: Monday, August 29, 2016 1:20 PM

To: SMIESZEK, Erwin <Smieszek.Erwin@epa.gov>

Subject: Re: 3Ts Lead in Drinking Water - Bayonne Public Schools - retest September 1st

Erwin

Were set up for retesting on September 1st

Starting at 5AM at Horace Mann School.

All water sources were checked for leaks.

Building staff were told not to enter before 6AM

Thank you Mike

On Mon, Aug 29, 2016 at 10:32 AM, SMIESZEK, Erwin <Smieszek.Erwin@epa.gov> wrote:

Hi Mike,

Please confirm that you are in receipt of this email.

From our conversation on Monday, August 22, 2016, we will meet at #6 Horace Mann School at 5am. We will then continue sampling at the remaining three (3) schools. Please note that we will also be checking the locations where outlets have been removed. Sampling should be completed by 6am.

#2 Vroom – 1st Floor Classroom 108 bubbler

#5 Lincoln – 1st Floor Classroom 115 faucet

#6 Horace – Basement Floor Art Room faucet

#12 Bailey – First Floor Classroom 1 faucet. Check Second Floor Hallway bubbler by Classroom 17.

As previously mentioned, please make sure that the outlets in the building do not have leaks and that Section 4 of the 3Ts guidance is met, which recommends the water sit in the pipe unused for at least 8 hours but no more than 18 hours before a sample is taken.

Thank you, Erwin

Erwin Smieszek

Environmental/Chemical Engineer

2890 Woodbridge Avenue, Bldg 209, Edison NJ 08837

ph 732.321.6718 / fax - 732.321.6616 / smieszek.erwin@epa.gov

U.S. Environmental Protection Agency - Region 2

From: Palagian, Evangelia

Sent: Wednesday, August 17, 2016 12:13 PM

To: Tellman, Karen <ktellman@bboed.org>; Michael Kubert <mkubert@bboed.org>

Cc: SMIESZEK, Erwin <Smieszek.Erwin@epa.gov>; McKenna, Douglas <McKenna.Douglas@epa.gov>; Kraft, Nicole <Kraft.Nicole@epa.gov>



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 2 Laboratory
2890 Woodbridge Avenue
Edison, New Jersey 08837
732-906-6886 Phone
732-906-6165 Fax

October 04, 2016

John Kushwara
Monitoring & Assessment Branch
DESA/MAB
Edison, NJ 08837

RE: BPS-#5 Lincoln Community School-1609020

Enclosed are the results of analyses for samples received by the laboratory on 09/01/2016. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1609008 and contact the laboratory.

Sincerely,

A handwritten signature in cursive script, appearing to read "John R. Bourbon".

John R. Bourbon
Chief, DESA/LB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1609020

Project Number: 1609008

Project Narrative:

The National Environmental Laboratory Accreditation Conference Institute (TNI) is a voluntary environmental laboratory accreditation association of State and Federal agencies. TNI established and promoted a National Environmental Laboratory Accreditation Program (NELAP) that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAP accredited. The Laboratory tests that are accredited have met all the requirements established under the TNI Standards.

Condition Comments

None

Comment(s):

The "Sample Analysis Date and Time" is included in the results section for any analyte with a prescribed holding time of 72 hours or less.

Data Qualifier(s):

- U- The analyte was not detected at or above the Reporting Limit.
- J- The identification of the analyte is acceptable; the reported value is an estimate.
- K- The identification of the analyte is acceptable; the reported value may be biased high.
- L- The identification of the analyte is acceptable; the reported value may be biased low.
- NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1609020

Project Number: 1609008

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
00-LC-FRBLANK	1609020-01	Aqueous	09/01/2016 05:28	09/01/2016 09:00
2301CRINC11511F	1609020-02	Aqueous	09/01/2016 05:29	09/01/2016 09:00
2401CRINC11512F	1609020-03	Aqueous	09/01/2016 05:29	09/01/2016 09:00



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1609020

Project Number: 1609008

SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Lead	EPA 200.8 SOP C-112 Rev 3.4	NELAP	Aqueous



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Final Report

Project: BPS-#5 Lincoln Community School-1609020

Project Number: 1609008

Analyte	Result	Qualifier	Reporting Limit	Units	Date and Time of Analysis*
Field ID: 00-LC-FRBLANK			Sample ID: 1609020-01		
Metals ICPMS Lead	---	U	1.0	ug/L	
Field ID: 2301CRINCI1511F			Sample ID: 1609020-02		
Metals ICPMS Lead	Left faucet on sink next to window in Room 115 1st draw	---	U	1.0	ug/L
Field ID: 2401CRINCI1512F			Sample ID: 1609020-03		
Metals ICPMS Lead	Left faucet on sink next to window in Room 115 2nd draw	---	U	1.0	ug/L

