



Elizabeth A. Rose May 29, 2018

Deputy Chancellor

Division of Operations Dear Families and Staff:

52 Chambers Street
New York, NY 10007

This is a follow up to my **January 30, 2017** water test results notification letter and I am pleased to share we have successfully completed remediation work at **I.S. 158 - Bronx** (Bronx Career and College Preparatory High School, 800 Home Street, Bronx, NY 10456).

212 374 7868 Tel
212 374 5588 Fax

On **January 18, 2017**, every potential source of water for drinking or preparing food at **I.S. 158 - Bronx** was tested for lead. The laboratory results showed elevated levels of lead in **8 of the 167 samples** of water taken and tested from outlets in the building.

In any building where lead test results show even one water outlet above the action level of 15 parts per billion (ppb), the DOE implements its standard response protocol, under which it removes any such outlet from service, flushes all or part of the system to eliminate water sitting in pipes overnight, replaces equipment and re-tests after the equipment is replaced. Fixtures are only put back in service once results of laboratory re-tests are below the action level of 15 ppb.

Each affected fixture at **I.S. 158 - Bronx** was taken out of service on **January 30, 2017**, and the remediation work was completed. On **May 03, 2018**, the remediated fixtures were tested and the final laboratory results indicate that all samples taken and tested were below the action level of 15 ppb.

Out of an abundance of caution, the custodial staff will continue to flush the **I.S. 158 - Bronx** water systems on Monday mornings before school starts in order to eliminate water that has been stagnant in pipes over the weekend and to ensure safe drinking water is available for students and staff.

A more detailed letter related to the testing for lead at **I.S. 158 - Bronx** is attached, and complete test results are posted on the DOE website at <http://schools.nyc.gov/SchoolPortals/12/X479/default.htm>.

Please visit <http://schools.nyc.gov/AboutUs/schools/watersafety.htm> to learn more about the robust protocol we use to ensure the safety of drinking water in each and every school, as well as to look up water test results for each school.

Thank you for your patience and support and we wish you and your students a wonderful semester.

Sincerely yours,

A handwritten signature in black ink that reads 'Elizabeth A. Rose'.

Elizabeth A. Rose



A NOTICE TO PARENTS, GUARDIANS, AND STAFF
I.S. 158 - Bronx
Bronx Career and College Preparatory High School
800 Home Street, Bronx, NY 10456
May 29, 2018

Safe and healthy school environments can foster healthy and successful children. To protect public health, the Public Health Law and New York State Health Department (NYSDOH) regulations require that all public schools and boards of cooperative educational services (BOCES) test lead levels in water from every outlet that is being used, or could potentially be used, for drinking or cooking. If lead is found at any water outlet at levels above 15 parts per billion (ppb), which is equal to 15 micrograms per liter ($\mu\text{g/L}$), the NYSDOH requires that the school take action to reduce the exposure to lead.

What is first draw testing of school drinking water for lead?

The “on-again, off-again” nature of water use at most schools can raise lead levels in school drinking water. Water that remains in pipes overnight, over a weekend, or over vacation periods stays in contact with lead pipes or lead solder and, as a result, could contain higher levels of lead. This is why schools are required to collect a sample after the water has been sitting in the plumbing system for a certain period of time. This “first draw” sample is likely to show higher levels of lead for that outlet than what you would see if you sampled after using the water continuously. However, even if the first draw sample does not reflect what you would see with continuous usage, it is still important because it can identify outlets that have elevated lead levels.

What are the initial first draw testing elevation results?

Samples Collected on 01/18/2017				
Floor	Function / Space	Room	Fixture Type	Sample Results
01	Kitchen	107	Slop Sink 1	52.00 ppb
01	Classroom	118	Cold Water Faucet 2	20.40 ppb
01	Classroom	119	Cold Water Faucet 2	17.40 ppb
02	Bathroom	2Nd Floor	Cold Water Faucet 1	63.80 ppb
02	Bathroom	2Nd Floor	Cold Water Faucet 2	20.70 ppb
04	Classroom	424	Cold Water Faucet 1	21.20 ppb
BS	Locker room	G-112	Cold Water Faucet 1	22.40 ppb
BS	Weight room	G-118	Cold Water Faucet 1	30.00 ppb

What are the post-remediation testing results?

Samples Collected on 05/03/2018					
Floor	Function / Space	Room	Fixture Type	First Draw Sample Results	Second Draw Sample Results
01	Kitchen	107	Slop Sink 1	11.30 ppb	NA*
01	Classroom	118	Cold Water Faucet 2	<1.0 ppb	NA*
01	Classroom	119	Cold Water Faucet 2	<1.0 ppb	NA*
02	Bathroom	2Nd Floor	Cold Water Faucet 1	<1.0 ppb	NA*
02	Bathroom	2Nd Floor	Cold Water Faucet 2	<1.0 ppb	NA*



Samples Collected on 05/03/2018					
Floor	Function / Space	Room	Fixture Type	First Draw Sample Results	Second Draw Sample Results
04	Classroom	424	Cold Water Faucet 1	<1.0 ppb	NA*
BS	Locker room	G-112	Cold Water Faucet 1	3.78 ppb	NA*
BS	Weight room	G-118	Cold Water Faucet 1	5.92 ppb	NA*

*Second draw samples are only analyzed if first draw samples are above 15 ppb.

What is being done in response to the results?

All drinking and cooking water outlets that tested with lead levels above the action level (15 ppb) were removed from service, and remediated.

What are the health effects of lead?

Lead is a metal that can harm children and adults when it gets into their bodies. Lead is a known neurotoxin, particularly harmful to the developing brain and nervous system of children under 6 years old. Lead can harm a young child's growth, behavior, and ability to learn. Lead exposure during pregnancy may contribute to low birth weight and developmental delays in infants. There are many sources of lead exposure in the environment, and it is important to reduce all lead exposures as much as possible. Water testing helps identify and correct possible sources of lead that contribute to exposure from drinking water.

What are the other sources of lead exposure?

Lead is a metal that has been used for centuries for many purposes, resulting in widespread distribution in the environment. Major sources of lead exposure include lead-based paint in older housing, and lead that built up over decades in soil and dust due to historical use of lead in gasoline, paint, and manufacturing. Lead can also be found in a number of consumer products, including certain types of pottery, pewter, brass fixtures, foods, plumbing materials, and cosmetics. Lead seldom occurs naturally in water supplies but drinking water could become a possible source of lead exposure if the building's plumbing contains lead. The primary source of lead exposure for most children with elevated blood-lead levels is lead-based paint.

Should your child be tested for lead?

The risk to an individual child from past exposure to elevated lead in drinking water depends on many factors; for example, a child's age, weight, amount of water consumed, and the amount of lead in the water. Children may also be exposed to other significant sources of lead including paint, soil and dust. Since blood lead testing is the only way to determine a child's blood lead level, parents should discuss their child's health history with their child's physician to determine if blood lead testing is appropriate. Pregnant women or women of childbearing age should also consider discussing this matter with their physician.

Do elevated lead levels in school drinking water pose a serious risk to students and staff?

The risk to students and staff is low for many reasons. The elevated lead levels identified by the recent round of water testing are not likely to represent the levels seen throughout the day. The recent testing was conducted on water that had remained in pipes overnight. The lead concentration drops sharply after the first use of the day as stagnant water is cleared from the pipes and new, fresh water is brought in from the water main – which is virtually lead-free. In addition, for most students and staff, the amount of water consumed from a school water source during a school day is likely to be small when compared to total daily water consumption. Many of the elevated water samples came from fixtures that are not typically used for drinking, including bathrooms, slop sinks, and laboratories. Given all of these factors it is unlikely that these elevations represent conditions that would pose a health risk, however, if a person drinks sufficiently large quantities of water at those high levels over long periods of time, the risk increases. Nonetheless, if you are concerned about exposure to lead, talk to your doctor about having you or your child tested for lead poisoning.



Who is at risk for lead poisoning?

Children under 3 years of age are the most susceptible and vulnerable to the health effects of lead. Lead also poses a risk to the developing fetus. Exposure to lead may interfere with a child's growth and development.

What do we know about rates of lead poisoning in NYC children?

Rates of lead poisoning among NYC children have been falling. In 2015, 5,371 New York City children younger than 6 years of age were identified with blood lead levels of 5 mcg/dL or greater. This represents an 18% decline from 2014 when there were 6,550 children with blood lead levels of 5 mcg/dL or greater, and an 86% decline since 2005 when there were 37,344 children with blood lead levels of 5mcg/dL or greater.

Additional Resources

For more information regarding the testing program or sampling results go to:

<http://schools.nyc.gov/AboutUs/schools/watersafety.htm>

For information about lead in school drinking water, go to:

http://www.health.ny.gov/environmental/water/drinking/lead/lead_testing_of_school_drinking_water.htm

<http://www.p12.nysed.gov/facplan/LeadTestinginSchoolDrinkingWater.html>

For information about NYS Department of Health Lead Poisoning Prevention, go to:

<http://www.health.ny.gov/environmental/lead/>

For more information on blood lead testing and ways to reduce your child's risk of exposure to lead, see "What Your Child's Blood Lead Test Means":

<http://www.health.ny.gov/publications/2526/> (available in ten languages).

Laboratory Report
NYE Report #: 2182962-5019

May 15, 2018

Andreas C. Andreou
Precision Environmental Inc.
36-15A 23rd Street
Long Island City, NY 11106

Project: X158 / 1958-18-9620; 800 Home Street, Bronx, NY; 2182962

Dear Project Manager,

Enclosed is the Laboratory Analytical Report for potable water sample(s) received on May 10, 2018. New York Environmental analyzed the samples on May 10, 2018 for Lead (Pb) by EPA Method 200.9 Rev. 2.2.

If there are any questions regarding the analyses, please feel free to contact us at your convenience. New York Environmental is a NELAP accredited laboratory. Attached reported results meet the requirements of the NELAP standards unless otherwise noted.

Samples' analytical results relate only to the samples tested, in the condition received by the laboratory. This report shall not be reproduced except in its entirety without written approval of the laboratory.

We sincerely thank you for your business, and look forward to being of service for your future environmental testing needs.

Sincerely,



Li Tsang, Laboratory Director

Date Collected:	03 May 2018
Date Received:	10 May 2018
Date Analyzed:	10 May 2018

Analytical Method:	EPA 200.9 Rev. 2.2
Analyte, Matrix:	Lead, Potable Water

Lab ID	CID	Sample Location/Description	RL	Result	Units	Flag
180511M165	1	X158BSBLG-1112.1F-004; Initial	1.00	3.78	µg/L	
180511M166	2	X158BSBLG-1112.1F-004; Flush (30s)	1.00	NA	µg/L	
180511M167	3	X158BSWRG-1118.1F-029; Initial	1.00	5.92	µg/L	
180511M168	4	X158BSWRG-1118.1F-029; Flush (30s)	1.00	NA	µg/L	
180511M169	5	X15801CR000110.1F-046; Initial	1.00	9.16	µg/L	
180511M170	6	X15801CR000110.1F-046; Flush (30s)	1.00	NA	µg/L	
180511M171	7	X15801CR000111.1B-047; Initial	1.00	3.03	µg/L	
180511M172	8	X15801CR000111.1B-047; Flush (30s)	1.00	NA	µg/L	
180511M173	9	X15801CR000111.1F-048; Initial	1.00	2.40	µg/L	
180511M174	10	X15801CR000111.1F-048; Flush (30s)	1.00	NA	µg/L	
180511M175	11	X15801CR000118.2F-055; Initial	1.00	<1.00	µg/L	
180511M176	12	X15801CR000118.2F-055; Flush (30s)	1.00	NA	µg/L	
180511M177	13	X15801CR000119.2F-061; Initial	1.00	<1.00	µg/L	
180511M178	14	X15801CR000119.2F-061; Flush (30s)	1.00	NA	µg/L	
180511M179	15	X15801KI000107.1S-077; Initial	1.00	11.3	µg/L	
180511M180	16	X15801KI000107.1S-077; Flush (30s)	1.00	NA	µg/L	
180511M181	17	X15802CR000224.3F-102; Initial	1.00	2.11	µg/L	
180511M182	18	X15802CR000224.3F-102; Flush (30s)	1.00	NA	µg/L	
180511M183	19	X15802CR000224.4F-103; Initial	1.00	<1.00	µg/L	
180511M184	20	X15802CR000224.4F-103; Flush (30s)	1.00	NA	µg/L	
180511M185	25	X15802GB2NDFLO.1F-113; Initial	1.00	<1.00	µg/L	
180511M186	26	X15802GB2NDFLO.1F-113; Flush (30s)	1.00	NA	µg/L	
180511M187	27	X15802GB2NDFLO.2F-114; Initial	1.00	<1.00	µg/L	
180511M188	28	X15802GB2NDFLO.2F-114; Flush (30s)	1.00	NA	µg/L	
180511M189	29	X15803CR000324.1F-125; Initial	1.00	11.6	µg/L	
180511M190	30	X15803CR000324.1F-125; Flush (30s)	1.00	NA	µg/L	



Date Collected:	03 May 2018
Date Received:	10 May 2018
Date Analyzed:	10 May 2018

Analytical Method:	EPA 200.9 Rev. 2.2
Analyte, Matrix:	Lead, Potable Water

Lab ID	CID	Sample Location/Description	RL	Result	Units	Flag
180511M191	31	X15803CR000324.2F-126; Initial	1.00	5.98	µg/L	
180511M192	32	X15803CR000324.2F-126; Flush (30s)	1.00	NA	µg/L	
180511M193	33	X15803CR000324.3F-127; Initial	1.00	4.13	µg/L	
180511M194	34	X15803CR000324.3F-127; Flush (30s)	1.00	NA	µg/L	
180511M195	35	X15803CR000324.4F-128; Initial	1.00	<1.00	µg/L	
180511M196	36	X15803CR000324.4F-128; Flush (30s)	1.00	NA	µg/L	
180511M197	37	X15803CR000324.5F-129; Initial	1.00	<1.00	µg/L	
180511M198	38	X15803CR000324.5F-129; Flush (30s)	1.00	NA	µg/L	
180511M199	39	X15803CR000343.1B-142; Initial	1.00	2.36	µg/L	
180511M200	40	X15803CR000343.1B-142; Flush (30s)	1.00	NA	µg/L	
180511M201	41	X15803CR000343.1F-143; Initial	1.00	1.70	µg/L	
180511M202	42	X15803CR000343.1F-143; Flush (30s)	1.00	NA	µg/L	
180511M203	43	X15804CR000424.1F-162; Initial	1.00	<1.00	µg/L	
180511M204	44	X15804CR000424.1F-162; Flush (30s)	1.00	NA	µg/L	

Comment:

CID: Client Sample ID

NA: Sample not analyzed per customer request.

93358

POTABLE WATER SAMPLING FOR LEAD CONCENTRATION SAMPLE COLLECTION FORM

180511M165-204

CLIENT INFORMATION
 Name: NEW YORK CITY DEPARTMENT OF EDUCATION
 Address: 44-36 Vernon Boulevard, LIC, NY 11101
 Client Rep: Mr. Mohamed Hermida
 W.O. No.: 00641755-02

CONSULTANT INFORMATION
 Name: Precision Environmental Inc.
 Address: 36-15A 23rd Street, LIC, NY 11106
 Project Manager: Andreas C. Andreou
 Inspector: Andreas C. Andreou
 Project No.: 1958-18-9620

DATE OF SAMPLING: 5-3-18

BLDG ID: X158
BLDG No. /Name: I.S. 158 - BRONX
GEO DIST > 12
BLDG Address: 800 HOME STREET
Bronx NY 10456

NYCDOE Catalog #	Floor	Type	Container/ Sample No.	SAMPLE TYPE		Flow- up	Time of Collection	Lead Conc. (ppb)
				Initial	Follow-up			
X158BSBLG-1112.1F-004	BS	Locker room	G-112	01	✓	0 sec	04:05	3.78
X158BSWRG-1118.1F-029	BS	Weight room	G-118	02	✓	30 sec	04:05:30	—
X15801CR000110.1F-046	01	Classroom	110	03	✓	0 sec	04:08	5.92
X15801CR000111.1B-047	01	Classroom	111	04	✓	30 sec	04:08:30	—
X15801CR000111.1F-048	01	Classroom	111	05	✓	0 sec	04:12	9.16
X15801CR000118.2F-055	01	Classroom	118	06	✓	30 sec	04:12:30	—
X15801CR000119.2F-061	01	Classroom	119	07	✓	0 sec	04:15	3.03
				08	✓	30 sec	04:15:30	—
				09	✓	0 sec	04:17	2.40
				10	✓	30 sec	04:17:30	—
				11	✓	0 sec	04:19	11.00
				12	✓	30 sec	04:19:30	—
				13	✓	0 sec	04:21	11.00
				14	✓	30 sec	04:21:30	—



CHAIN OF CUSTODY

Relinquished By: [Signature] Date: 5-10-18 Time: 1100

Received By: [Signature] Date: 5-10-18 Time: 1100

LABORATORY INFORMATION

Lab Name: NYEA
 Analyzed By: Wat S Cherry
 Date: 5/10/18
 Time: 4:20PM
 Method of Analysis: 200.9

Q.C. By: [Blank]
 Method of shipment/delivery: Hand Delivery

INSTRUCTIONS TO THE LABORATORY
 Turnaround Time: 24 HOUR
 Analyze follow-up sample(s) ONLY when initial sample exceeds 15ppb

Email results ASAP To:
 Email: andreas@precision-enviro.com
 Email: kam@precision-enviro.com

Container Info:
 Container Info: HNO₃
 Preservative: 250 ml
 Size: 250 ml

COMMENTS:
 40

POTABLE WATER SAMPLING FOR LEAD CONCENTRATION SAMPLE COLLECTION FORM

CLIENT INFORMATION

Name: **NEW YORK CITY DEPARTMENT OF EDUCATION**
 Address: **44-36 Vernon Boulevard, LIC, NY 11101**
 Client Rep: **Mr. Mohamed Hemida** W.O. No.: **00641755-02**

CONSULTANT INFORMATION

Name: **Precision Environmental Inc.** DATE OF SAMPLING: **5-3-16**
 Address: **36-15A 23rd Street, LIC, NY 11106**
 Project Manager: **Andreas C. Andreou** Project No.: **1958-18-9620**
 Inspector:

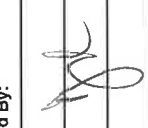
PROJECT INFORMATION

BLDG ID: **X158** BLDG No./Name: **I.S. 158 - BRONX** GEO DIST: **12** BLDG Address: **800 HOME STREET** Bronx NY **10456**

SAMPLE DATA

NYCDOE Catalog #	SAMPLE DESCRIPTION			Container/ Sample No.	SAMPLE TYPE		Time of Collection	Lead Conc. (ppb)
	Floor	Functional Space	Room		Initial	Follow-up		
X15801KI000107.1S-077	01	Kitchen	107	15	✓	0 sec	04:23	11.3
X15802CR000224.3F-102	02	Classroom	224	16	✓	30 sec	04:23:30	—
X15802CR000224.4F-103	02	Classroom	224	17	✓	0 sec	04:26	2.11
X15802CR000228.2F-107	02	Classroom	228	18	✓	30 sec	04:24:30	—
X15802CR000230.1F-108	02	Classroom	230	19	✓	0 sec	04:28	<1.00
X15802GB2NDFLO.1F-113	02	Boys Bathroom	2nd Floor	20	✓	30 sec	04:28:30	—
X15802GB2NDFLO.2F-114	02	Girls Bathroom	2nd Floor	21	✓	0 sec	1:30	—
				22	✓	30 sec		
				23	✓	0 sec		
				24	✓	30 sec		
				25	✓	0 sec	04:36	<1.00
				26	✓	30 sec	04:30:30	—
				27	✓	0 sec	04:32	<1.00
				28	✓	30 sec	04:32:30	—

CHAIN OF CUSTODY

Requisitioned By:  Date: _____ Time: _____
 Received By: _____ Date: _____ Time: _____
 I. _____
 II. _____
 III. _____

LABORATORY INFORMATION

Lab Name: **NMEL** Date: _____ Time: _____
 Analyzed By: **Wai S Weng** S10118
 QC By: _____
 Method of shipment/delivery: _____ Hand Delivery

INSTRUCTIONS TO THE LABORATORY

Turnaround Time: **24 HOUR**
 Analyze follow-up sample(s) **ONLY** when initial sample exceeds **15ppb**
 Email results ASAP To:
 Email: andreas@precision-enviro.com
 Email: kam@precision-enviro.com
 Container Info: Preservative: **HNO₃** Size: **250 ml**
 COMMENTS:

POTABLE WATER SAMPLING FOR LEAD CONCENTRATION SAMPLE COLLECTION FORM

CLIENT INFORMATION

Name: **NEW YORK CITY DEPARTMENT OF EDUCATION**
 Address: **44-36 Vernon Boulevard, LIC, NY 11101**
 Client Rep: **Mr. Mohamed Hermida** W.O. No.: **00641755-02**

CONSULTANT INFORMATION

Name: **Precision Environmental Inc.**
 Address: **36-15A 23rd Street, LIC, NY 11106**
 Project Manager: **Andreas C. Andreou** Project No.: **1958-18-9620**
 Inspector:

DATE OF SAMPLING: **5-3-18**


PROJECT INFORMATION

BLDG ID: **X158** BLDG No./Name: **I.S. 158 - BRONX** GEO DIST: **12** BLDG Address: **800 HOME STREET** **Bronx** **NY** **10456**

SAMPLE DATA

NYCDOE Catalog #	SAMPLE DESCRIPTION		Container/ Sample No.	SAMPLE TYPE		Time of Collection	Lead Conc. (ppb)	
	Floor	Functional Space		Room	Type			Initial
X15803CR000324.1F-125	03	Classroom	324	Cold Water Faucet 1	25 24	29 30	04:35 04:38:30	11.6 —
X15803CR000324.2F-126	03	Classroom	324	Cold Water Faucet 2	7	31	04:37	5.98 —
X15803CR000324.3F-127	03	Classroom	324	Cold Water Faucet 3	8 9 30	32 33 34	04:37:30 04:39 04:39:30	— 4.13 —
X15803CR000324.4F-128	03	Classroom	324	Cold Water Faucet 4	1 2	35 36	04:41 04:41:30	21.00 —
X15803CR000324.5F-129	03	Classroom	324	Cold Water Faucet 5	3 4	37 38	04:43 04:43:30	21.00 —
X15803CR000343.1B-142	03	Classroom	343	Bubbler 1	5 4	39 40	04:45 04:45:30	2.36 —
X15803CR000343.1F-143	03	Classroom	343	Cold Water Faucet 1	7 6	41 42	04:47 04:47:30	1.70 —

CHAIN OF CUSTODY

Relinquished By:  Date: _____ Time: _____
 Received By: _____ Date: _____ Time: _____

LABORATORY INFORMATION

Lab Name: **ONEA** Date: _____ Time: _____ Method of Analysis: _____
 Analyzed By: **Wai S Wang** Date: **5/10/18** Time: **4:20pm** Method of Analysis: **200.9**
 Q.C. By: _____
 Method of shipment/delivery: **Hand Delivery**

INSTRUCTIONS TO THE LABORATORY

Turnaround Time: **24 HOUR**
 Analyze follow-up sample(s) **ONLY** when initial sample exceeds **15ppb**
 Email results ASAP To: Email: andreas@precision-enviro.com Email: kam@precision-enviro.com
 Container Info: **HNO₃** **250 ml**
 COMMENTS:

