



**Department of  
Education**

*Carmen Fariña, Chancellor*

**Elizabeth A. Rose** February 16, 2017

Deputy Chancellor

Division of Operations Dear Families and Staff:

**52 Chambers Street  
New York, NY 10007**

**212 374 7868** Tel

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This is a follow up to my December 19 letter outlining the additional measures the New York City Department of Education (DOE) is taking to ensure that the water in New York City schools is safe for students and staff.

On **January 31, 2017**, every potential source of water for drinking or preparing food at **Cleveland Af No. 2 - Queens** (Grover Cleveland High School, 18-08 Willoughby Avenue Queens, NY 11385) was tested for lead. The laboratory results showed elevated levels of lead in **5 of the 18 samples** of water taken and tested from outlets in the building. A more detailed letter related to the testing for lead at Cleveland Af No. 2 - Queens is attached and complete test results are posted on the DOE website.

In any building where lead test results show even one water outlet above the action level of 15 parts per billion, the DOE will implement its standard response protocol, which includes removing any drinking or cooking water fixture outlet from service, flushing all or part of the system to eliminate water sitting in pipes overnight, replacing equipment and re-testing after the equipment is replaced.

Each affected drinking or cooking water fixture at Cleveland Af No. 2 - Queens will remain out of service until it is remediated and future testing shows that the water does not have an elevated level of lead. The custodial staff will also continue to flush the Cleveland Af No. 2 - Queens 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.

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 their child's school.

We will keep you updated on the remediation work at Cleveland Af No. 2 - Queens, and thank you for your patience and support.

Sincerely yours,

Elizabeth A. Rose



**A NOTICE TO PARENTS, GUARDIANS, AND STAFF**  
**Cleveland Af No. 2 - Queens**  
**Grover Cleveland High School**  
**18-08 Willoughby Avenue Queens, NY 11385**  
**LEAD TESTING OF SCHOOL DRINKING WATER**  
*February 16, 2017*

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 (µg/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 results of the first draw testing?**

Samples Collected on 01/31/2017				
Floor	Function / Space	Room	Fixture Type	Sample Results
01	ADULT BATHROOM	000000	COLD WATER FAUCET 2	29 ppb
01	BOYS BATHROOM	000000	SLOP SINK 1	24 ppb
01	FLD HSE GIRLS LCKR RM	000000	COLD WATER FAUCET 1	38 ppb
01	FLD HSE GIRLS LCKR RM	000000	SLOP SINK 1	23 ppb
01	OFFICE	000000	COLD WATER FAUCET 1	24 ppb

**What is being done in response to the results?**

Outlets that tested with lead levels above the action level (15 ppb) at Cleveland Af No. 2 - Queens have been taken out of service and will be replaced. Each of the affected fixtures will remain out of service until remediation work is completed and future testing provides results below the action level.

**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



**Department of  
Education**

*Carmen Fariña, Chancellor*

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.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).

February 15, 2017

Robbin Petrella  
Dvirka And Bartilucci  
330 Crossways Park Drive  
Woodbury, NY 11797-2015

Project Location: Q488-18-08 Willoughby Ave., Queens, NY  
Client Job Number:  
Project Number: 3834-D2-Q488  
Laboratory Work Order Number: 17B0130

Enclosed are results of analyses for samples received by the laboratory on January 31, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit", with a horizontal line extending to the right from the end of the signature.

Aaron L. Benoit  
Project Manager

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39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Dvirka And Bartilucci  
 330 Crossways Park Drive  
 Woodbury, NY 11797-2015  
 ATTN: Robbin Petrella

REPORT DATE: 2/15/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 3834-D2-Q488

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 17B0130

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Q488-18-08 Willoughby Ave., Queens, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
1CQ48801BB000000.3F-007	17B0130-01	Drinking Water	01FL BOYS BATH FAUCET 3	EPA 200.8	
1CQ48801BB000000.1S-008	17B0130-02	Drinking Water	01FL BOYS BATH SINK 1	EPA 200.8	
1CQ48801FB000000.1B-009	17B0130-03	Drinking Water	01FL FLD BOYS LKR BUBBLER 1	EPA 200.8	
1CQ48801FB000000.1F-010	17B0130-04	Drinking Water	01FL FLD BOYS LKR FAUCET 1	EPA 200.8	
1CQ48801FB000000.1S-011	17B0130-05	Drinking Water	01FL FLD BOYS LKR SINK 1	EPA 200.8	
1CQ48801FG000000.1B-012	17B0130-06	Drinking Water	01FL FLD GIRLS LKR BUBBLER 1	EPA 200.8	
1CQ48801BR000000.1F-001	17B0130-07	Drinking Water	01FL ADULT BATH FAUCET 1	EPA 200.8	
1CQ48801BR000000.2F-002	17B0130-08	Drinking Water	01FL ADULT BATH FAUCET 2	EPA 200.8	
1CQ48801AF000000.2B-004	17B0130-09	Drinking Water	01FL ATH FIELD BUBBLER 2	EPA 200.8	
1CQ48801BB000000.1F-005	17B0130-10	Drinking Water	01FL BOYS BATH FAUCET 1	EPA 200.8	
1CQ48801BB000000.2F-006	17B0130-11	Drinking Water	01FL BOYS BATH FAUCET 2	EPA 200.8	
1CQ48801GB000000.1F-016	17B0130-12	Drinking Water	01FL GIRLS BATH FAUCET 1	EPA 200.8	
1CQ48801GB000000.2F-017	17B0130-13	Drinking Water	01FL GIRLS BATH FAUCET 2	EPA 200.8	
1CQ48801GB000000.3F-018	17B0130-14	Drinking Water	01FL GIRLS BATH FAUCET 3	EPA 200.8	
1CQ48801OF000000.1F-019	17B0130-15	Drinking Water	01FL OFFICE FAUCET 1	EPA 200.8	
1CQ48801FG000000.1F-013	17B0130-16	Drinking Water	01FL FLD GIRLS LKR FAUCET 1	EPA 200.8	
1CQ48801FG000000.2F-014	17B0130-17	Drinking Water	01FL FLD GIRLS LKR FAUCET 2	EPA 200.8	
1CQ48801FG000000.1S-015	17B0130-18	Drinking Water	01FL FLD GIRLS LKR SINK 1	EPA 200.8	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing. I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "Lisa Worthington", is written over a light gray rectangular background.

Lisa A. Worthington  
Project Manager



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL BOYS BATH FAUCET 3

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801BB000000.3F-007

Sampled: 1/31/2017 02:07

Sample ID: 17B0130-01

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Lead	8.2	0.50	15		µg/L	1		EPA 200.8	2/14/17	2/14/17 15:20	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL BOYS BATH SINK 1

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801BB000000.1S-008

Sampled: 1/31/2017 02:08

Sample ID: 17B0130-02

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA ORSG						Prepared	Analyzed	
# Lead	24	0.50	15		µg/L	1		EPA 200.8	2/14/17	2/14/17 15:24	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL FLD BOYS LKR BUBBLER 1

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801FB000000.1B-009

Sampled: 1/31/2017 02:18

Sample ID: 17B0130-03

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA ORSG						Prepared	Analyzed	
Lead	1.7	0.50	15		µg/L	1		EPA 200.8	2/14/17	2/14/17 15:26	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL FLD BOYS LKR FAUCET 1

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801FB000000.1F-010

Sampled: 1/31/2017 02:19

Sample ID: 17B0130-04

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL	MA ORSG					Prepared	Analyzed	
Lead	2.6	0.50	15	µg/L	1		EPA 200.8	2/14/17	2/14/17 15:27	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL FLD BOYS LKR SINK 1

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801FB000000.1S-011

Sampled: 1/31/2017 02:20

Sample ID: 17B0130-05

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL	MA ORSG					Prepared	Analyzed	
Lead	11	0.50	15	µg/L	1		EPA 200.8	2/14/17	2/14/17 15:29	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL FLD GIRLS LKR BUBBLER 1

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801FG000000.1B-012

Sampled: 1/31/2017 02:22

Sample ID: 17B0130-06

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA ORSG						Prepared	Analyzed	
Lead	10	0.50	15		µg/L	1		EPA 200.8	2/14/17	2/14/17 15:30	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL ADULT BATH FAUCET 1

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801BR000000.1F-001

Sampled: 1/31/2017 02:15

Sample ID: 17B0130-07

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA ORSG						Prepared	Analyzed	
Lead	7.8	0.50	15		µg/L	1		EPA 200.8	2/14/17	2/14/17 15:32	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL ADULT BATH FAUCET 2

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801BR000000.2F-002

Sampled: 1/31/2017 02:16

Sample ID: 17B0130-08

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL	MA ORSG					Prepared	Analyzed	
# Lead	29	0.50	15	µg/L	1		EPA 200.8	2/14/17	2/14/17 15:37	MJH



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL ATH FIELD BUBBLER 2

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801AF000000.2B-004

Sampled: 1/31/2017 02:02

Sample ID: 17B0130-09

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL	MA ORSG					Prepared	Analyzed	
Lead	9.4	0.50	15	µg/L	1		EPA 200.8	2/14/17	2/14/17 15:38	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL BOYS BATH FAUCET 1

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801BB000000.1F-005

Sampled: 1/31/2017 02:04

Sample ID: 17B0130-10

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL	MA ORSG					Prepared	Analyzed	
Lead	2.6	0.50	15	µg/L	1		EPA 200.8	2/14/17	2/14/17 15:40	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL BOYS BATH FAUCET 2

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801BB000000.2F-006

Sampled: 1/31/2017 02:06

Sample ID: 17B0130-11

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA ORSG						Prepared	Analyzed	
Lead	2.0	0.50	15		µg/L	1		EPA 200.8	2/14/17	2/14/17 15:41	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL GIRLS BATH FAUCET 1

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801GB000000.1F-016

Sampled: 1/31/2017 02:10

Sample ID: 17B0130-12

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA ORSG						Prepared	Analyzed	
Lead	11	0.50	15		µg/L	1		EPA 200.8	2/14/17	2/14/17 15:43	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL GIRLS BATH FAUCET 2

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801GB000000.2F-017

Sampled: 1/31/2017 02:11

Sample ID: 17B0130-13

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA ORSG						Prepared	Analyzed	
Lead	10	0.50	15		µg/L	1		EPA 200.8	2/14/17	2/14/17 15:44	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL GIRLS BATH FAUCET 3

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801GB000000.3F-018

Sampled: 1/31/2017 02:12

Sample ID: 17B0130-14

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
Lead	6.3	0.50	15		µg/L	1		EPA 200.8	2/14/17	2/14/17 15:46	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL OFFICE FAUCET 1

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801OF000000.1F-019

Sampled: 1/31/2017 02:28

Sample ID: 17B0130-15

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL	MA ORSG					Prepared	Analyzed	
# Lead	24	0.50	15	µg/L	1		EPA 200.8	2/14/17	2/14/17 15:47	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL FLD GIRLS LKR FAUCET 1

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801FG000000.1F-013

Sampled: 1/31/2017 02:23

Sample ID: 17B0130-16

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
			MA	ORSG					Prepared	Analyzed	
# Lead	38	0.50	15		µg/L	1		EPA 200.8	2/14/17	2/14/17 15:49	MJH



39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL FLD GIRLS LKR FAUCET 2

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801FG000000.2F-014

Sampled: 1/31/2017 02:24

Sample ID: 17B0130-17

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL	MA ORSG					Prepared	Analyzed	
Lead	7.3	0.50	15	µg/L	1		EPA 200.8	2/14/17	2/14/17 15:50	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Q488-18-08 Willoughby Ave., Qu

Sample Description: 01FL FLD GIRLS LKR SINK 1

Work Order: 17B0130

Date Received: 1/31/2017

Field Sample #: 1CQ48801FG000000.1S-015

Sampled: 1/31/2017 02:25

Sample ID: 17B0130-18

Sample Matrix: Drinking Water

**Metals Analyses (Total)**

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL	MA ORSG					Prepared	Analyzed	
# Lead	23	0.50	15	µg/L	1		EPA 200.8	2/14/17	2/14/17 15:55	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**Sample Extraction Data****Prep Method: EPA 200.8-EPA 200.8**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17B0130-01 [1CQ48801BB000000.3F-007]	B170397	10.0	10.0	02/14/17
17B0130-02 [1CQ48801BB000000.1S-008]	B170397	10.0	10.0	02/14/17
17B0130-03 [1CQ48801FB000000.1B-009]	B170397	10.0	10.0	02/14/17
17B0130-04 [1CQ48801FB000000.1F-010]	B170397	10.0	10.0	02/14/17
17B0130-05 [1CQ48801FB000000.1S-011]	B170397	10.0	10.0	02/14/17
17B0130-06 [1CQ48801FG000000.1B-012]	B170397	10.0	10.0	02/14/17
17B0130-07 [1CQ48801BR000000.1F-001]	B170397	10.0	10.0	02/14/17
17B0130-08 [1CQ48801BR000000.2F-002]	B170397	10.0	10.0	02/14/17
17B0130-09 [1CQ48801AF000000.2B-004]	B170397	10.0	10.0	02/14/17
17B0130-10 [1CQ48801BB000000.1F-005]	B170397	10.0	10.0	02/14/17
17B0130-11 [1CQ48801BB000000.2F-006]	B170397	10.0	10.0	02/14/17
17B0130-12 [1CQ48801GB000000.1F-016]	B170397	10.0	10.0	02/14/17
17B0130-13 [1CQ48801GB000000.2F-017]	B170397	10.0	10.0	02/14/17
17B0130-14 [1CQ48801GB000000.3F-018]	B170397	10.0	10.0	02/14/17
17B0130-15 [1CQ48801OF000000.1F-019]	B170397	10.0	10.0	02/14/17
17B0130-16 [1CQ48801FG000000.1F-013]	B170397	10.0	10.0	02/14/17
17B0130-17 [1CQ48801FG000000.2F-014]	B170397	10.0	10.0	02/14/17
17B0130-18 [1CQ48801FG000000.1S-015]	B170397	10.0	10.0	02/14/17

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B170397 - EPA 200.8</b>										
<b>Blank (B170397-BLK1)</b>				Prepared & Analyzed: 02/14/17						
Lead	ND	0.50	µg/L							
<b>LCS (B170397-BS1)</b>				Prepared & Analyzed: 02/14/17						
Lead	38.8	0.50	µg/L	40.0		97.1	85-115			
<b>Duplicate (B170397-DUP1)</b>				Source: 17B0130-01 Prepared & Analyzed: 02/14/17						
Lead	8.22	0.50	µg/L		8.21			0.0984	20	
<b>Duplicate (B170397-DUP2)</b>				Source: 17B0130-02 Prepared & Analyzed: 02/14/17						
Lead	23.9	0.50	µg/L		23.8			0.389	20	
<b>Matrix Spike (B170397-MS1)</b>				Source: 17B0130-01 Prepared & Analyzed: 02/14/17						
Lead	34.9	0.62	µg/L	25.0	8.21	107	70-130			
<b>Matrix Spike (B170397-MS2)</b>				Source: 17B0130-02 Prepared & Analyzed: 02/14/17						
Lead	50.0	0.62	µg/L	25.0	23.8	105	70-130			

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39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**FLAG/QUALIFIER SUMMARY**

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
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*EPA 200.8 in Drinking Water*

Lead NH,NY,MA,CT,RI,ME,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2017
CT	Connecticut Department of Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2017
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2017
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017

Dave Roberts

17B0130

CONSULTANT INFORMATION

Name: D&B Engineers and Architects, P.C.  
Address: 330 Crossways Park Dr., Woodbury, NY  
Project Manager: Mike Hofgren

PROJECT INFORMATION

BLDG ID: Q488  
BLDG Name: CLEVELAND AF NO. 2 - QUEENS  
Address: 18-08 WILLOUGHBY AVENUE, QUEENS, NY  
WO # 3834-D2

NON-SAMPLABLE OUTLET LEGEND

INACCESSIBLE I  
OUT-OF-ORDER O  
YELLOW TAG T  
MISCELLANEOUS M

(ppb)			(ppb)		
01	1ST COC Q488 01 FL BOYS BATHROOM 000000 COLD WATER FAUCET 3 DATE 1/31 TIME 2:07	I O T M	07	1ST COC Q488 01 FL ADULT BATHROOM 000000 COLD WATER FAUCET 1 DATE 1/31 TIME 2:15	I O T M
02	1ST COC Q488 01 FL BOYS BATHROOM 000000 SLOP SINK 1 DATE 1/31 TIME 2:08	I O T M	08	1ST COC Q488 01 FL ADULT BATHROOM 000000 COLD WATER FAUCET 2 DATE 1/31 TIME 2:16	I O T M
03	1ST COC Q488 01 FL FLD HSE BOYS LCKR RM 000000 BUBBLER 1 DATE 1/31 TIME 2:18	I O T M			I O T M
04	1ST COC Q488 01 FL FLD HSE BOYS LCKR RM 000000 COLD WATER FAUCET 1 DATE 1/31 TIME 2:19	I O T M	09	1ST COC Q488 01 FL ATHLETIC FIELD 000000 BUBBLER 2 DATE 1/31 TIME 2:02	I O T M
05	1ST COC Q488 01 FL FLD HSE BOYS LCKR RM 000000 SLOP SINK 1 DATE 1/31 TIME 2:20	I O T M	10	1ST COC Q488 01 FL BOYS BATHROOM 000000 COLD WATER FAUCET 1 DATE 1/31 TIME 2:04	I O T M
06	1ST COC Q488 01 FL FLD HSE GIRLS LCKR RM 000000 BUBBLER 1 DATE 1/31 TIME 2:22	I O T M	11	1ST COC Q488 01 FL BOYS BATHROOM 000000 COLD WATER FAUCET 2 DATE 1/31 TIME 2:06	I O T M

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date:	Time:
1 P. Petrella	V. M.	1/31/17	9:00
2 V. M.	Mike Roberts	1/31/17	5:00
3			

INSTRUCTIONS TO LABORATORY: Please email results to:

LABORATORY INFORMATION

Laboratory Name: Contest Analytical	Method of Analysis: 200.8
Analyzed By:	Date:
Note: No sample submitted if "I", "O", "T", or "M" check-marked.	Preservative: None
	Sample Size: 250 mL

17B0130

CONSULTANT INFORMATION








Name: D&B Engineers and Architects, P.C.  
 Address: 330 Crossways Park Dr., Woodbury, NY  
 Project Manager: Mike Hofgren

PROJECT INFORMATION

BLDG ID: Q488  
 BLDG Name: CLEVELAND AF NO. 2 - QUEENS  
 Address: 18-08 WILLOUGHBY AVENUE, QUEENS, NY  
 WO # 3834-D2

NON-SAMPLABLE OUTLET LEGEND

INACCESSIBLE I  
 OUT-OF-ORDER O  
 YELLOW TAG T  
 MISCELLANEOUS M

	(ppb)			(ppb)		
1ST COC Q488 01 FL GIRLS BATHROOM 000000 COLD WATER FAUCET 1  DATE 1/31 TIME 2:10	10	I O T M		1ST COC Q488 01 FL FLD HSE GIRLS LCKR RM 000000 COLD WATER FAUCET 1  DATE 1/31 TIME 2:23	16	I O T M
1ST COC Q488 01 FL GIRLS BATHROOM 000000 COLD WATER FAUCET 2  DATE 1/31 TIME 2:11	13	I O T M		1ST COC Q488 01 FL FLD HSE GIRLS LCKR RM 000000 COLD WATER FAUCET 2  DATE 1/31 TIME 2:24	17	I O T M
1ST COC Q488 01 FL GIRLS BATHROOM 000000 COLD WATER FAUCET 3  DATE 1/31 TIME 2:12	14	I O T M		1ST COC Q488 01 FL FLD HSE GIRLS LCKR RM 000000 SLOP SINK 1  DATE 1/31 TIME 2:25	18	I O T M
1ST COC Q488 01 FL OFFICE 000000 COLD WATER FAUCET 1  DATE 1/31 TIME 2:28	15	I O T M				I O T M
		I O T M				I O T M
		I O T M				I O T M

CHAIN OF CUSTODY

Relinquished By:	Received By:	Date:	Time:
1 R. Petrella	V. W.	1/31/17	9:20
2 V. W.	M. ...	1/31/17	5:00
3			

INSTRUCTIONS TO LABORATORY: Please email results to:

LABORATORY INFORMATION

Laboratory Name: Contest Analytical	Method of Analysis: 200.8
Analyzed By:	Date: Time:
Note: No sample submitted if "I", "O", "T", or "M" check-marked.	Preservative: None Sample Size: 250 mL



39 Spruce St.  
 East Longmeadow, MA. 01028  
 P: 413-525-2332  
 F: 413-525-6405  
 www.contestlabs.com



### Sample Receipt Checklist

CLIENT NAME: D&B RECEIVED BY: RLT DATE: 11/3/17

1) Was the chain(s) of custody relinquished and signed? Yes  No  No COC Incl.

2) Does the chain agree with the samples? Yes  No   
 If not, explain:

3) Are all the samples in good condition? Yes  No   
 If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)? Yes  No  N/A

Temperature °C by Temp blank \_\_\_\_\_ Temperature °C by Temp gun 14.4°

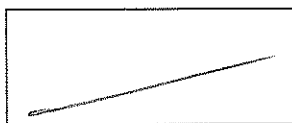
5) Are there Dissolved samples for the lab to filter? Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

7) Location where samples are stored:



Permission to subcontract samples? Yes No  
 (Walk-in clients only) if not already approved  
 Client Signature: \_\_\_\_\_

8) Do all samples have the proper Acid pH: Yes  No  N/A

9) Do all samples have the proper Base pH: Yes  No  N/A

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes  N/A

### Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		16 oz amber	
500 mL Amber		8 oz amber/clear jar	
250 mL Amber (8oz amber)		4 oz amber/clear jar	
1 Liter Plastic		2 oz amber/clear jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic	18	SOC Kit	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

40 mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_  
 # Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_  
 # Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_  
 Time and Date Frozen: \_\_\_\_\_

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Rev. 4 August 2013

**Login Sample Receipt Checklist**  
**(Rejection Criteria Listing - Using Sample Acceptance Policy)**  
**Any False statement will be brought to the attention of Client**

Question	Answer (True/False)	Comment
	T/F/NA	
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	F	in coolers
4) Cooler Temperature is acceptable.	T	drinking waters
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	NA	
18) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Doc #277 Rev. 4 August 2013      Who notified of False statements?  
 Log-In Technician Initials:

Date/Time:  
 Date/Time:

RLF 1/31/17 1700