



**Department of  
Education**

*Carmen Fariña, Chancellor*

**Elizabeth A. Rose**      January 25, 2017

Deputy Chancellor

Division of Operations      Dear Families and Staff:

**52 Chambers Street**

**New York, NY 10007**

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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 11, 2017**, every potential source of water for drinking or preparing food at **P.S. 178 - Manhattan** (Professor Juan Bosch Public School, 12-18 Ellwood Street Manhattan, NY 10040) was tested for lead. The laboratory results showed elevated levels of lead in **1 of the 99 samples** of water taken and tested from outlets in the building. A more detailed letter related to the testing for lead at P.S. 178 - Manhattan 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, 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.

Each affected fixture at P.S. 178 - Manhattan 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 P.S. 178 - Manhattan 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 P.S. 178 - Manhattan, and thank you for your patience and support.

Sincerely yours,

Elizabeth A. Rose



**A NOTICE TO PARENTS, GUARDIANS, AND STAFF**  
**P.S. 178 - Manhattan**  
**Professor Juan Bosch Public School**  
**12-18 Ellwood Street Manhattan, NY 10040**  
**LEAD TESTING OF SCHOOL DRINKING WATER**  
*January 25, 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 01/11/2017				
Floor	Function / Space	Room	Fixture Type	Sample Results
02	CLASSROOM	204	BUBBLER 1	23.4 ppb

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

Outlets that tested with lead levels above the action level (15 ppb) at P.S. 178 - Manhattan 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 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.



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**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).



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

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Attn:

**Jon Vafiadis**  
**Precision Environmental**  
**36-15 A 23rd Street**  
**2nd floor**  
**Long Island City, NY 11106**

1/16/2017

Phone: (718) 383-2626  
Fax: (718) 383-7780

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 1/12/2017. The results are tabulated on the attached data pages for the following client designated project:

**M178/ P.S. 178 - Manhattan/ 12-18 Ellwood Street/ New York/  
2181-16-0404**

The reference number for these samples is EMSL Order #011700247. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

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Phillip Worby, Chemistry Laboratory Manager



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.  
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 187

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

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<http://www.EMSL.com>[EnvChemistry2@emsl.com](mailto:EnvChemistry2@emsl.com)

EMSL Order: 011700247

CustomerID: PCIS63

CustomerPO:

ProjectID:

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 Received: 01/12/17 7:30 AM

Project: M178/ P.S. 178 - Manhattan/ 12-18 Ellwood Street/ New York/ 2181-16-0404

**Analytical Results**

**Client Sample Description** 1CM17801BB000114.1F-001 **Collected:** 1/11/2017 **Lab ID:** 0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801BB000114.2F-002 **Collected:** 1/11/2017 **Lab ID:** 0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.30	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801CF00111A.1B-003 **Collected:** 1/11/2017 **Lab ID:** 0003

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801GB000112.1F-004 **Collected:** 1/11/2017 **Lab ID:** 0004

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.30	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801GB000112.2F-005 **Collected:** 1/11/2017 **Lab ID:** 0005

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.17	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801HA000103.1B-006 **Collected:** 1/11/2017 **Lab ID:** 0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801HA000103.2B-007 **Collected:** 1/11/2017 **Lab ID:** 0007

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

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**Analytical Results**

**Client Sample Description** 1CM17801KI000118.1F-008 **Collected:** 1/11/2017 **Lab ID:** 0008

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/13/2017	CB	1/13/2017	SM

**Client Sample Description** 1CM17801KI000118.2F-009 **Collected:** 1/11/2017 **Lab ID:** 0009

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801KI000118.3F-010 **Collected:** 1/11/2017 **Lab ID:** 0010

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801KI000118.4F-011 **Collected:** 1/11/2017 **Lab ID:** 0011

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801KI000118.5F-012 **Collected:** 1/11/2017 **Lab ID:** 0012

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.57	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801KI000118.6F-013 **Collected:** 1/11/2017 **Lab ID:** 0013

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.64	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801KI000118.7F-014 **Collected:** 1/11/2017 **Lab ID:** 0014

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

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**Analytical Results**

**Client Sample Description** 1CM17801KI000118.8F-015 **Collected:** 1/11/2017 **Lab ID:** 0015

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.13	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801KI000118.9F-016 **Collected:** 1/11/2017 **Lab ID:** 0016

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	6.13	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801KI000118.10F-017 **Collected:** 1/11/2017 **Lab ID:** 0017

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	8.77	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801MO000104.1F-018 **Collected:** 1/11/2017 **Lab ID:** 0018

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17801MO000104.2F-019 **Collected:** 1/11/2017 **Lab ID:** 0019

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17802BB000214.1F-020 **Collected:** 1/11/2017 **Lab ID:** 0020

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.15	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17802BB000214.2F-021 **Collected:** 1/11/2017 **Lab ID:** 0021

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.31	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

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**Analytical Results**

**Client Sample Description** 1CM17802CR000201.1B-022 **Collected:** 1/11/2017 **Lab ID:** 0022

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17802CR000201.1F-023 **Collected:** 1/11/2017 **Lab ID:** 0023

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	7.25	1.00	µg/L	1/12/2017	CB	1/13/2017	BB

**Client Sample Description** 1CM17802CR000201.2F-024 **Collected:** 1/11/2017 **Lab ID:** 0024

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.55	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17802CR000203.1B-025 **Collected:** 1/11/2017 **Lab ID:** 0025

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.35	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17802CR000203.1F-026 **Collected:** 1/11/2017 **Lab ID:** 0026

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.63	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17802CR000203.2F-027 **Collected:** 1/11/2017 **Lab ID:** 0027

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	4.29	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17802CR000204.1B-028 **Collected:** 1/11/2017 **Lab ID:** 0028

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	23.4	1.00	µg/L	1/12/2017	CB	1/12/2017	BB



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**Analytical Results**

<i>Client Sample Description</i>					<i>Collected:</i>	<i>1/11/2017</i>	<i>Lab ID:</i>	<i>0029</i>
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL</i>	<i>Units</i>	<i>Prep Date</i>	<i>Analyst</i>	<i>Analysis Date</i>	<i>Analyst</i>
200.8	Lead	11.1	1.00	µg/L	1/12/2017	CB	1/12/2017	BB
<i>Client Sample Description</i>					<i>Collected:</i>	<i>1/11/2017</i>	<i>Lab ID:</i>	<i>0030</i>
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL</i>	<i>Units</i>	<i>Prep Date</i>	<i>Analyst</i>	<i>Analysis Date</i>	<i>Analyst</i>
200.8	Lead	2.74	1.00	µg/L	1/12/2017	CB	1/12/2017	BB
<i>Client Sample Description</i>					<i>Collected:</i>	<i>1/11/2017</i>	<i>Lab ID:</i>	<i>0031</i>
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL</i>	<i>Units</i>	<i>Prep Date</i>	<i>Analyst</i>	<i>Analysis Date</i>	<i>Analyst</i>
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB
<i>Client Sample Description</i>					<i>Collected:</i>	<i>1/11/2017</i>	<i>Lab ID:</i>	<i>0032</i>
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL</i>	<i>Units</i>	<i>Prep Date</i>	<i>Analyst</i>	<i>Analysis Date</i>	<i>Analyst</i>
200.8	Lead	5.86	1.00	µg/L	1/12/2017	CB	1/12/2017	BB
<i>Client Sample Description</i>					<i>Collected:</i>	<i>1/11/2017</i>	<i>Lab ID:</i>	<i>0033</i>
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL</i>	<i>Units</i>	<i>Prep Date</i>	<i>Analyst</i>	<i>Analysis Date</i>	<i>Analyst</i>
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB
<i>Client Sample Description</i>					<i>Collected:</i>	<i>1/11/2017</i>	<i>Lab ID:</i>	<i>0034</i>
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL</i>	<i>Units</i>	<i>Prep Date</i>	<i>Analyst</i>	<i>Analysis Date</i>	<i>Analyst</i>
200.8	Lead	2.41	1.00	µg/L	1/12/2017	CB	1/12/2017	BB
<i>Client Sample Description</i>					<i>Collected:</i>	<i>1/11/2017</i>	<i>Lab ID:</i>	<i>0035</i>
<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>RL</i>	<i>Units</i>	<i>Prep Date</i>	<i>Analyst</i>	<i>Analysis Date</i>	<i>Analyst</i>
200.8	Lead	6.60	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

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**Analytical Results**

**Client Sample Description** 1CM17802GB000212.1F-036 **Collected:** 1/11/2017 **Lab ID:** 0036

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.32	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17802GB000212.2F-037 **Collected:** 1/11/2017 **Lab ID:** 0037

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	8.20	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17802HA000207.1B-038 **Collected:** 1/11/2017 **Lab ID:** 0038

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17802HA000207.2B-039 **Collected:** 1/11/2017 **Lab ID:** 0039

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.06	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803BB000314.1F-040 **Collected:** 1/11/2017 **Lab ID:** 0040

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	6.17	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803BB000314.2F-041 **Collected:** 1/11/2017 **Lab ID:** 0041

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.22	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000301.1B-042 **Collected:** 1/11/2017 **Lab ID:** 0042

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

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CustomerPO:

ProjectID:

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**Analytical Results**

**Client Sample Description** 1CM17803CR000301.1F-043 **Collected:** 1/11/2017 **Lab ID:** 0043

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	5.55	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000301.2F-044 **Collected:** 1/11/2017 **Lab ID:** 0044

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	4.67	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000302.1B-045 **Collected:** 1/11/2017 **Lab ID:** 0045

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000302.1F-046 **Collected:** 1/11/2017 **Lab ID:** 0046

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	5.14	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000303.1B-047 **Collected:** 1/11/2017 **Lab ID:** 0047

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000303.1F-048 **Collected:** 1/11/2017 **Lab ID:** 0048

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	5.14	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000303.2F-049 **Collected:** 1/11/2017 **Lab ID:** 0049

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	4.75	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

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**Analytical Results**

**Client Sample Description** 1CM17803CR000305.1B-050 **Collected:** 1/11/2017 **Lab ID:** 0050

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000305.1F-051 **Collected:** 1/11/2017 **Lab ID:** 0051

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	6.89	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000305.2F-052 **Collected:** 1/11/2017 **Lab ID:** 0052

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.66	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000307.1B-053 **Collected:** 1/11/2017 **Lab ID:** 0053

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000307.1F-054 **Collected:** 1/11/2017 **Lab ID:** 0054

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	4.88	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000307.2F-055 **Collected:** 1/11/2017 **Lab ID:** 0055

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.65	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000309.1B-056 **Collected:** 1/11/2017 **Lab ID:** 0056

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.00	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

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**Analytical Results**

**Client Sample Description** 1CM17803CR000309.1F-057 **Collected:** 1/11/2017 **Lab ID:** 0057

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	5.56	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000309.2F-058 **Collected:** 1/11/2017 **Lab ID:** 0058

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	4.72	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803CR000309.3F-059 **Collected:** 1/11/2017 **Lab ID:** 0059

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803GB000312.1F-060 **Collected:** 1/11/2017 **Lab ID:** 0060

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.02	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803GB000312.2F-061 **Collected:** 1/11/2017 **Lab ID:** 0061

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803HA000307.1B-062 **Collected:** 1/11/2017 **Lab ID:** 0062

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17803HA000307.2B-063 **Collected:** 1/11/2017 **Lab ID:** 0063

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

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**Analytical Results**

**Client Sample Description** 1CM17804BB000414.1F-064 **Collected:** 1/11/2017 **Lab ID:** 0064

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804BB000414.2F-065 **Collected:** 1/11/2017 **Lab ID:** 0065

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.31	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804CR000401.1B-066 **Collected:** 1/11/2017 **Lab ID:** 0066

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.07	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804CR000401.1F-067 **Collected:** 1/11/2017 **Lab ID:** 0067

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.21	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804CR000402.1B-068 **Collected:** 1/11/2017 **Lab ID:** 0068

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804CR000402.1F-069 **Collected:** 1/11/2017 **Lab ID:** 0069

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.29	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804CR000403.1B-070 **Collected:** 1/11/2017 **Lab ID:** 0070

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.25	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

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**Analytical Results**

**Client Sample Description** 1CM17804CR000403.1F-071 **Collected:** 1/11/2017 **Lab ID:** 0071

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.37	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804CR000405.1B-072 **Collected:** 1/11/2017 **Lab ID:** 0072

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804CR000405.1F-073 **Collected:** 1/11/2017 **Lab ID:** 0073

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	4.90	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804CR000405.2F-074 **Collected:** 1/11/2017 **Lab ID:** 0074

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	7.67	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804CR000407.1B-075 **Collected:** 1/11/2017 **Lab ID:** 0075

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804CR000407.1F-076 **Collected:** 1/11/2017 **Lab ID:** 0076

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	6.39	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804CR000407.2F-077 **Collected:** 1/11/2017 **Lab ID:** 0077

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	4.07	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

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**Analytical Results**

**Client Sample Description** 1CM17804CR000409.1B-078 **Collected:** 1/11/2017 **Lab ID:** 0078

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804CR000409.1F-079 **Collected:** 1/11/2017 **Lab ID:** 0079

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.04	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804GB000412.1F-080 **Collected:** 1/11/2017 **Lab ID:** 0080

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804GB000412.2F-081 **Collected:** 1/11/2017 **Lab ID:** 0081

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.66	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804HA000407.1B-082 **Collected:** 1/11/2017 **Lab ID:** 0082

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.19	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17804HA000407.2B-083 **Collected:** 1/11/2017 **Lab ID:** 0083

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	CB	1/12/2017	BB

**Client Sample Description** 1CM17805BB000514.1F-084 **Collected:** 1/11/2017 **Lab ID:** 0084

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB



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**Analytical Results**

**Client Sample Description** 1CM17805BB000514.2F-085 **Collected:** 1/11/2017 **Lab ID:** 0085

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.04	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Client Sample Description** 1CM17805CR000503.1B-086 **Collected:** 1/11/2017 **Lab ID:** 0086

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Client Sample Description** 1CM17805CR000503.1F-087 **Collected:** 1/11/2017 **Lab ID:** 0087

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Client Sample Description** 1CM17805CR000505.1B-088 **Collected:** 1/11/2017 **Lab ID:** 0088

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Client Sample Description** 1CM17805CR000505.1F-089 **Collected:** 1/11/2017 **Lab ID:** 0089

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Client Sample Description** 1CM17805CR000507.1B-090 **Collected:** 1/11/2017 **Lab ID:** 0090

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Client Sample Description** 1CM17805CR000507.1F-091 **Collected:** 1/11/2017 **Lab ID:** 0091

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.77	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

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**Analytical Results**

**Client Sample Description** 1CM17805GB000512.1F-092 **Collected:** 1/11/2017 **Lab ID:** 0092

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Client Sample Description** 1CM17805GB000512.2F-093 **Collected:** 1/11/2017 **Lab ID:** 0093

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.41	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Client Sample Description** 1CM17805GY000501.1B-094 **Collected:** 1/11/2017 **Lab ID:** 0094

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Client Sample Description** 1CM17805GY000501.2B-095 **Collected:** 1/11/2017 **Lab ID:** 0095

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Client Sample Description** 1CM17805HA000507.1B-096 **Collected:** 1/11/2017 **Lab ID:** 0096

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Client Sample Description** 1CM17805HA000507.2B-097 **Collected:** 1/11/2017 **Lab ID:** 0097

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Client Sample Description** M178-STAFF LOUNGE-COLD WATER FAUCET-098 **Collected:** 1/11/2017 **Lab ID:** 0098

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

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**Analytical Results**

**Client Sample Description** M178-BATHROOM-COLD WATER **Collected:** 1/11/2017 **Lab ID:** 0099  
 FAUCET-099

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	1/12/2017	AE	1/12/2017	BB

**Definitions:**

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

**CONSULTANT INFORMATION**

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 Address: 36-15A 23rd Street, LIC, NY 11106  
 Project Manager: Jon Vafiadis  
 PEI Project#: 2181-16-0404

**PROJECT INFORMATION**

BLDG ID: **M178**  
 BLDG Name: P.S. 178 - MANHATTAN  
 BLDG Address: 12-18 ELLWOOD STREET  
 WO # New York

**NON-SAMPLABLE OUTLET LEGEND**

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

(ppb)				(ppb)			
1ST COC M178 01 FL BOYS BATHROOM 000114 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0202		I O T M	1	1ST COC M178 01 FL HALLWAY 000103 BUBBLER 2  DATE 1/11/17 TIME 0221		I O T M	7
1ST COC M178 01 FL BOYS BATHROOM 000114 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0203		I O T M	2	1ST COC M178 01 FL KITCHEN 000118 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0226		I O T M	8
1ST COC M178 01 FL CAFETERIA 00111A BUBBLER 1  DATE 1/11/17 TIME 0207		I O T M	3	1ST COC M178 01 FL KITCHEN 000118 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0227		I O T M	9
1ST COC M178 01 FL GIRLS BATHROOM 000112 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0214		I O T M	4	1ST COC M178 01 FL KITCHEN 000118 COLD WATER FAUCET 3  DATE 1/11/17 TIME 0228		I O T M	10
1ST COC M178 01 FL GIRLS BATHROOM 000112 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0215		I O T M	5	1ST COC M178 01 FL KITCHEN 000118 COLD WATER FAUCET 4  DATE 1/11/17 TIME 0229	2017 JAN 11 PM 1:59 RECEIVED	I O T M	11
1ST COC M178 01 FL HALLWAY 000103 BUBBLER 1  DATE 1/11/17 TIME 0226		I O T M	6	1ST COC M178 01 FL KITCHEN 000118 COLD WATER FAUCET 5  DATE 1/11/17 TIME 0230		I O T M	12

**CHAIN OF CUSTODY**

Relinquished By:	Received By:	Date:	Time:
1 <i>Ricardo Votaw</i>	<i>[Signature]</i>	1/11/17	1:59 PM
2			
3			

INSTRUCTIONS TO LABORATORY: Please email results to:

**LABORATORY INFORMATION**

Laboratory Name:	Method of Analysis:
Analyzed By:	Date:
Note: No sample submitted if "I", "O", "T", or "M" check-marked.	Time:
	Preservative:
	Sample Size: 250 mL

rec'd by Steven Lopez on 1/12/17 @ 7:30 am 20.6

**CONSULTANT INFORMATION**

Name: Precision Environmental Inc.  
 Address: 36-15A 23rd Street, LIC, NY 11106  
 Project Manager: Jon Vafiadis  
 PEI Project#: 2181-16-0404

**PROJECT INFORMATION**

BLDG ID: M178  
 BLDG Name: P.S. 178 - MANHATTAN  
 BLDG Address: 12-18 ELLWOOD STREET  
 WO # New York

**NON-SAMPLABLE OUTLET LEGEND**

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

(ppb)				(ppb)			
1ST COC M178 01 FL KITCHEN 000118 COLD WATER FAUCET 6 DATE 1/11/17 TIME 0231		I O T M	13	1ST COC M178 01 FL MEDICAL OFFICE 000104 COLD WATER FAUCET 2 DATE 1/11/17 TIME 0243		I O T M	19
1ST COC M178 01 FL KITCHEN 000118 COLD WATER FAUCET 7 DATE 1/11/17 TIME 0232		I O T M	14	1ST COC M178 02 FL BOYS BATHROOM 000214 COLD WATER FAUCET 1 DATE 1/11/17 TIME 0251		I O T M	20
1ST COC M178 01 FL KITCHEN 000118 COLD WATER FAUCET 8 DATE 1/11/17 TIME 0233		I O T M	15	1ST COC M178 02 FL BOYS BATHROOM 000214 COLD WATER FAUCET 2 DATE 1/11/17 TIME 0252		I O T M	21
1ST COC M178 01 FL KITCHEN 000118 COLD WATER FAUCET 9 DATE 1/11/17 TIME 0234		I O T M	16	1ST COC M178 02 FL CLASSROOM 000201 BUBBLER 1 DATE 1/11/17 TIME 0259		I O T M	22
1ST COC M178 01 FL KITCHEN 000118 COLD WATER FAUCET 10 DATE 1/11/17 TIME 0235		I O T M	17	1ST COC M178 02 FL CLASSROOM 000201 COLD WATER FAUCET 1 DATE 1/11/17 TIME 0301	2017 JAN 11	I O T M	23
1ST COC M178 01 FL MEDICAL OFFICE 000104 COLD WATER FAUCET 1 DATE 1/11/17 TIME 0242		I O T M	18	1ST COC M178 02 FL CLASSROOM 000201 COLD WATER FAUCET 2 DATE 1/11/17 TIME 0302	PM 1:59	I O T M	24

**CHAIN OF CUSTODY**

Relinquished By:	Received By:	Date:	Time:
1 <u>RICARDO VOLTAIRE</u>		1/11/17	1:59 PM
2			
3			

INSTRUCTIONS TO LABORATORY: Please email results to:

**LABORATORY INFORMATION**

Laboratory Name:	Method of Analysis:
Analyzed By:	Date:
Note: No sample submitted if "I", "O", "T", or "M" check-marked.	Time:
	Preservative:
	Sample Size: 250 mL

**CONSULTANT INFORMATION**

Name: Precision Environmental Inc.  
 Address: 36-15A 23rd Street, LIC, NY 11106  
 Project Manager: Jon Vafiadis  
 PEI Project#: 2181-16-0404

**PROJECT INFORMATION**

BLDG ID: M178  
 BLDG Name: P.S. 178 - MANHATTAN  
 BLDG Address: 12-18 ELLWOOD STREET  
 WO # New York

**NON-SAMPLABLE OUTLET LEGEND**

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

(ppb)						(ppb)					
1ST COC M178 02 FL CLASSROOM 000203 BUBBLER 1  DATE 1/11/17 TIME 0309				I O T M	25	1ST COC M178 02 FL CLASSROOM 000205 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0322				I O T M	31
1ST COC M178 02 FL CLASSROOM 000203 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0310				I O T M	26	1ST COC M178 02 FL CLASSROOM 000205 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0323				I O T M	32
1ST COC M178 02 FL CLASSROOM 000203 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0311				I O T M	27	1ST COC M178 02 FL CLASSROOM 000207 BUBBLER 1  DATE 1/11/17 TIME 0329				I O T M	33
1ST COC M178 02 FL CLASSROOM 000204 BUBBLER 1  DATE 1/11/17 TIME 0316				I O T M	28	1ST COC M178 02 FL CLASSROOM 000207 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0336				I O T M	34
1ST COC M178 02 FL CLASSROOM 000204 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0317				I O T M	29	1ST COC M178 02 FL CLASSROOM 000207 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0331				I O T M	35
1ST COC M178 02 FL CLASSROOM 000205 BUBBLER 1  DATE 1/11/17 TIME 0321				I O T M	36	1ST COC M178 02 FL GIRLS BATHROOM 000212 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0337				I O T M	38

2017 JAN 11 PM 1:55  
 RECEIVED

**CHAIN OF CUSTODY**

Relinquished By:	Received By:	Date:	Time:
1 Ricard Voltaire		1/11/17	1:59 PM
2			
3			

INSTRUCTIONS TO LABORATORY: Please email results to:

**LABORATORY INFORMATION**

Laboratory Name:	Method of Analysis:	
Analyzed By:	Date:	Time:
Note: No sample submitted if "I", "O", "T", or "M" check-marked.	Preservative:	Sample Size: 250 mL

011700247

**CONSULTANT INFORMATION**

Name: Precision Environmental Inc.  
 Address: 36-15A 23rd Street, LIC, NY 11106  
 Project Manager: Jon Vafiadis  
 PEI Project#: 2181-16-0404

**PROJECT INFORMATION**

BLDG ID: M178  
 BLDG Name: P.S. 178 - MANHATTAN  
 BLDG Address: 12-18 ELLWOOD STREET  
 WO # New York

**NON-SAMPLABLE OUTLET LEGEND**

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

(ppb)				(ppb)		
1ST COC M178 02 FL GIRLS BATHROOM 000212 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0338		I O T M	37	1ST COC M178 03 FL CLASSROOM 000301 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0400	I O T M	43
1ST COC M178 02 FL HALLWAY 000207 BUBBLER 1  DATE 1/11/17 TIME 0341		I O T M	38	1ST COC M178 03 FL CLASSROOM 000301 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0401	I O T M	44
1ST COC M178 02 FL HALLWAY 000207 BUBBLER 2  DATE 1/11/17 TIME 0342		I O T M	39	1ST COC M178 03 FL CLASSROOM 000302 BUBBLER 1  DATE 1/11/17 TIME 0407	I O T M	45
1ST COC M178 03 FL BOYS BATHROOM 000314 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0356		I O T M	40	1ST COC M178 03 FL CLASSROOM 000302 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0408	I O T M	46
1ST COC M178 03 FL BOYS BATHROOM 000314 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0351		I O T M	41	1ST COC M178 03 FL CLASSROOM 000303 BUBBLER 1  DATE 1/11/17 TIME 0411	I O T M	47
1ST COC M178 03 FL CLASSROOM 000301 BUBBLER 1  DATE 1/11/17 TIME 0359		I O T M	42	1ST COC M178 03 FL CLASSROOM 000303 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0412	I O T M	48

**CHAIN OF CUSTODY**

Relinquished By:	Received By:	Date:	Time:
1 Ricardo Voltaire		1/11/17	1:59 PM
2			
3			

INSTRUCTIONS TO LABORATORY: Please email results to:

**LABORATORY INFORMATION**

Laboratory Name:	Method of Analysis:
Analyzed By:	Date:
Note: No sample submitted if "I", "O", "T", or "M" check-marked.	Time:
	Preservative:
	Sample Size: 250 mL

011700247

**CONSULTANT INFORMATION**

Name: Precision Environmental Inc.  
 Address: 36-15A 23rd Street, LIC, NY 11106  
 Project Manager: Jon Vafiadis  
 PEI Project#: 2181-16-0404

**PROJECT INFORMATION**

BLDG ID: M178  
 BLDG Name: P.S. 178 - MANHATTAN  
 BLDG Address: 12-18 ELLWOOD STREET  
 WO # New York

**NON-SAMPLABLE OUTLET LEGEND**

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

		(ppb)			(ppb)	
1ST COC M178 03 FL CLASSROOM 000303 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0413			I O T M	49	1ST COC M178 03 FL CLASSROOM 000307 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0425	I O T M 55
1ST COC M178 03 FL CLASSROOM 000305 BUBBLER 1  DATE 1/11/17 TIME 0417			I O T M	50	1ST COC M178 03 FL CLASSROOM 000309 BUBBLER 1  DATE 1/11/17 TIME 0430	I O T M 56
1ST COC M178 03 FL CLASSROOM 000305 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0418			I O T M	51	1ST COC M178 03 FL CLASSROOM 000309 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0421	I O T M 57
1ST COC M178 03 FL CLASSROOM 000305 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0419			I O T M	52	1ST COC M178 03 FL CLASSROOM 000309 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0432	I O T M 58
1ST COC M178 03 FL CLASSROOM 000307 BUBBLER 1  DATE 1/11/17 TIME 0423			I O T M	53	1ST COC M178 03 FL CLASSROOM 000309 COLD WATER FAUCET 3  DATE 1/11/17 TIME 0433	2017 JAN 11 PM 1:59 I O T M 59
1ST COC M178 03 FL CLASSROOM 000307 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0424			I O T M	54	1ST COC M178 03 FL GIRLS BATHROOM 000312 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0437	I O T M 60

**CHAIN OF CUSTODY**

Relinquished By:	Received By:	Date:	Time:
1 Ricardo Valtierra		1/11/17	1:59 PM
2			
3			

INSTRUCTIONS TO LABORATORY: Please email results to:

**LABORATORY INFORMATION**

Laboratory Name:	Method of Analysis:
Analyzed By:	Date:
Note: No sample submitted if "I", "O", "T", or "M" check-marked.	Preservative:
	Time:
	Sample Size: 250 mL



**CONSULTANT INFORMATION**

Name: Precision Environmental Inc.  
 Address: 36-15A 23rd Street, LIC, NY 11106  
 Project Manager: Jon Vafiadis  
 PEI Project#: 2181-16-0404

**PROJECT INFORMATION**

BLDG ID: M178  
 BLDG Name: P.S. 178 - MANHATTAN  
 BLDG Address: 12-18 ELLWOOD STREET  
 WO # New York

**NON-SAMPLABLE OUTLET LEGEND**

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

(ppb)			(ppb)	
1ST COC M178 03 FL GIRLS BATHROOM 000312 COLD WATER FAUCET 2  DATE <u>1/11/17</u> TIME <u>0438</u>		I O T M 61	1ST COC M178 04 FL CLASSROOM 000401 COLD WATER FAUCET 1  DATE <u>1/11/17</u> TIME <u>0458</u>	I O T M 67
1ST COC M178 03 FL HALLWAY 000307 BUBBLER 1  DATE <u>1/11/17</u> TIME <u>0442</u>		I O T M 62	1ST COC M178 04 FL CLASSROOM 000402 BUBBLER 1  DATE <u>1/11/17</u> TIME <u>0504</u>	I O T M 68
1ST COC M178 03 FL HALLWAY 000307 BUBBLER 2  DATE <u>1/11/17</u> TIME <u>0443</u>		I O T M 63	1ST COC M178 04 FL CLASSROOM 000402 COLD WATER FAUCET 1  DATE <u>1/11/17</u> TIME <u>0506</u>	I O T M 69
1ST COC M178 04 FL BOYS BATHROOM 000414 COLD WATER FAUCET 1  DATE <u>1/11/17</u> TIME <u>0451</u>		I O T M 64	1ST COC M178 04 FL CLASSROOM 000403 BUBBLER 1  DATE <u>1/11/17</u> TIME <u>0516</u>	I O T M 70
1ST COC M178 04 FL BOYS BATHROOM 000414 COLD WATER FAUCET 2  DATE <u>1/11/17</u> TIME <u>0452</u>		I O T M 65	1ST COC M178 04 FL CLASSROOM 000403 COLD WATER FAUCET 1  DATE <u>1/11/17</u> TIME <u>0511</u>	I O T M 71
1ST COC M178 04 FL CLASSROOM 000401 BUBBLER 1  DATE <u>1/11/17</u> TIME <u>0457</u>		I O T M 66	1ST COC M178 04 FL CLASSROOM 000405 BUBBLER 1  DATE <u>1/11/17</u> TIME <u>0516</u>	I O T M 72

**CHAIN OF CUSTODY**

Relinquished By:	Received By:	Date:	Time:
1 <u>Ricardo Voltaires</u>		<u>1/11/17</u>	<u>1:59 PM</u>
2			
3			

INSTRUCTIONS TO LABORATORY: Please email results to:

**LABORATORY INFORMATION**

Laboratory Name:	Method of Analysis:
Analyzed By:	Date:
Note: No sample submitted if "I", "O", "T", or "M" check-marked.	Time:
	Preservative:
	Sample Size: 250 mL

**CONSULTANT INFORMATION**

Name: Precision Environmental Inc.  
 Address: 36-15A 23rd Street, LIC, NY 11106  
 Project Manager: Jon Vafiadis  
 PEI Project#: 2181-16-0404

**PROJECT INFORMATION**

BLDG ID: M178  
 BLDG Name: P.S. 178 - MANHATTAN  
 BLDG Address: 12-18 ELLWOOD STREET  
 WO # New York

**NON-SAMPLABLE OUTLET LEGEND**

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

(ppb)			(ppb)		
1ST COC M178 04 FL CLASSROOM 000405 COLD WATER FAUCET 1 DATE 1/11/17 TIME 0517		I O T M	73	1ST COC M178 04 FL CLASSROOM 000409 COLD WATER FAUCET 1 DATE 1/11/17 TIME 0531	I O T M
1ST COC M178 04 FL CLASSROOM 000405 COLD WATER FAUCET 2 DATE 1/11/17 TIME 0518		I O T M	74	1ST COC M178 04 FL GIRLS BATHROOM 000412 COLD WATER FAUCET 1 DATE 1/11/17 TIME 0537	I O T M
1ST COC M178 04 FL CLASSROOM 000407 BUBBLER 1 DATE 1/11/17 TIME 0523		I O T M	75	1ST COC M178 04 FL GIRLS BATHROOM 000412 COLD WATER FAUCET 2 DATE 1/11/17 TIME 0538	I O T M
1ST COC M178 04 FL CLASSROOM 000407 COLD WATER FAUCET 1 DATE 1/11/17 TIME 0524		I O T M	76	1ST COC M178 04 FL HALLWAY 000407 BUBBLER 1 DATE 1/11/17 TIME 0543	I O T M
1ST COC M178 04 FL CLASSROOM 000407 COLD WATER FAUCET 2 DATE 1/11/17 TIME 0525		I O T M	77	1ST COC M178 04 FL HALLWAY 000407 BUBBLER 2 DATE 1/11/17 TIME 0554	I O T M
1ST COC M178 04 FL CLASSROOM 000409 BUBBLER 1 DATE 1/11/17 TIME 0530		I O T M	78	1ST COC M178 05 FL BOYS BATHROOM 000514 COLD WATER FAUCET 1 DATE 1/11/17 TIME 0556	I O T M

**CHAIN OF CUSTODY**

Relinquished By:	Received By:	Date:	Time:
1 RICHARD VOLTAIRE	[Signature]	1/11/17	1:59 PM
2			
3			

INSTRUCTIONS TO LABORATORY: Please email results to:

**LABORATORY INFORMATION**

Laboratory Name:	Method of Analysis:
Analyzed By:	Date:
Note: No sample submitted if "I", "O", "T", or "M" check-marked.	Time:
	Preservative:
	Sample Size: 250 mL

**CONSULTANT INFORMATION**

Name: Precision Environmental Inc.  
 Address: 36-15A 23rd Street, LIC, NY 11106  
 Project Manager: Jon Vafiadis  
 PEI Project#: 2181-16-0404

**PROJECT INFORMATION**

BLDG ID: M178  
 BLDG Name: P.S. 178 - MANHATTAN  
 BLDG Address: 12-18 ELLWOOD STREET  
 WO # New York

**NON-SAMPLABLE OUTLET LEGEND**

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

	(ppb)				(ppb)	
1ST COC M178 05 FL BOYS BATHROOM 000514 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0557			I O T M	85	1ST COC M178 05 FL CLASSROOM 000507 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0618	I O T M 91
1ST COC M178 05 FL CLASSROOM 000503 BUBBLER 1  DATE 1/11/17 TIME 0603			I O T M	86	1ST COC M178 05 FL GIRLS BATHROOM 000512 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0625	I O T M 92
1ST COC M178 05 FL CLASSROOM 000503 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0604			I O T M	87	1ST COC M178 05 FL GIRLS BATHROOM 000512 COLD WATER FAUCET 2  DATE 1/11/17 TIME 0626	I O T M 93
1ST COC M178 05 FL CLASSROOM 000505 BUBBLER 1  DATE 1/11/17 TIME 0611			I O T M	88	1ST COC M178 05 FL GYMNASIUM 000501 BUBBLER 1  DATE 1/11/17 TIME 0632	I O T M 94
1ST COC M178 05 FL CLASSROOM 000505 COLD WATER FAUCET 1  DATE 1/11/17 TIME 0612			I O T M	89	1ST COC M178 05 FL GYMNASIUM 000501 BUBBLER 2  DATE 1/11/17 TIME 0633	I O T M 95
1ST COC M178 05 FL CLASSROOM 000507 BUBBLER 1  DATE 1/11/17 TIME 0617			I O T M	90	1ST COC M178 05 FL HALLWAY 000507 BUBBLER 1  DATE 1/11/17 TIME 0639	I O T M 96

**CHAIN OF CUSTODY**

Relinquished By:	Received By:	Date:	Time:
1 Ricardo Voltaire		1/17/17	1:59 PM
2			
3			

INSTRUCTIONS TO LABORATORY: Please email results to:

**LABORATORY INFORMATION**

Laboratory Name:	Method of Analysis:
Analyzed By:	Date:
Note: No sample submitted if "I", "O", "T", or "M" check-marked.	Time:
	Preservative:
	Sample Size: 250 mL

**CONSULTANT INFORMATION**


Name: Precision Environmental Inc.  
 Address: 36-15A 23rd Street, LIC, NY 11106  
 Project Manager: Jon Vafiadis  
 PEI Project#: 2181-16-0404

**PROJECT INFORMATION**

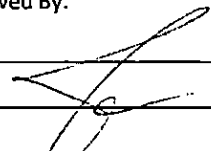
BLDG ID: M178  
 BLDG Name: P.S. 178 - MANHATTAN  
 BLDG Address: 12-18 ELLWOOD STREET  
 WO # New York

**NON-SAMPLABLE OUTLET LEGEND**

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

	(ppb)			(ppb)	
1ST COC M178 05 FL HALLWAY 000507 BUBBLER 2  DATE 1/11/17 TIME 0640		I O T M	97		I O T M
01 M178 STAFF LOUNGE  000118 COLD WATER FAUCET 1/11/17 0651 098		I O T M	98		I O T M
01 M178 BATHROOM  000118F COLD WATER FAUCET 1/11/17 0701 099		I O T M	99		I O T M
		I O T M			I O T M
		I O T M		2017 JAN 11	I O T M
		I O T M		PM 1:59	I O T M

**CHAIN OF CUSTODY**

Relinquished By:	Received By:	Date:	Time:
1 RICARDO VOLTAJE		1/11/17	1:59 PM
2			
3			

INSTRUCTIONS TO LABORATORY: Please email results to:

**LABORATORY INFORMATION**

Laboratory Name:	Method of Analysis:
Analyzed By:	Date:
Note: No sample submitted if "I", "O", "T", or "M" check-marked.	Time:
	Preservative:
	Sample Size: 250 mL