Regulatory Compliance 245 Albany Avenue Thornwood, New York 10594 (914) 439-6513

> Lead Concentration In Drinking Water

> > At

Irvington UFSD 40 North Broadway Irvington, NY 10533

High School / Middle School

RegCom's Project Number: IRV.1126.16.IH

Date of Survey: October 8, 2016

Field Work performed by: Ernest Coon, MSc, RPIH, HEM Stephen Coon, BS

Report Written by: Ernest Coon, MSc, RPIH, HEM October 23, 2016

#### **ABSTRACT**

Irvington UFSD retained Regulatory Compliance to test water fountains / sinks in select areas, as identified by the district, for lead contamination. The overall objective is to determine the lead content in drinking water in the districts buildings. On October 8, 2016 sampling was conducted at the middle school and high school buildings.

A total of (235) samples (including the control blank) were collected and analyzed for lead contaminates.

The water fountains /sinks that were tested are in compliance with the NYS Lead testing in School Drinking Water - 10 NYCRR Subpart 67-4, with the exception of the sinks listed in the Results Section of the report.

Twenty-two (22) sinks at the middle school & high school exceed the NYS Action Level of 0.015 mg/L.

For all outlets that exceed the NYS Action Level action is required. In accordance with the Lead testing in School Drinking Water – 10 NYCRR Subpart 67-4, if lead is detected the school is obligated to:

- Prohibit use of the outlet until a remediation plan is implemented and test results indicate that the lead levels are at or below the action level.
- Provide building occupants with an adequate supply of potable water for drinking and cooking until remediation is performed.
- Report the results to the local health department as soon as practicable but no more than 1 business day after the school received the laboratory report.
- Notify all staff and all persons in parental relation to students of the test results in writing as soon as practicable but no more than 10 business days after the school received the laboratory report.
- The school shall make available the results of all lead testing performed and remediation plans implemented on its website as soon as practicable, but no later than 6 weeks after the school received the laboratory results.

#### Recommendations and NYS DOH required actions:

- For all outlets that exceed the NYS Action Level action is required. In accordance with the Lead testing in School Drinking Water 10 NYCRR Subpart 67-4, if lead is detected the school is obligated to:
  - Prohibit use of the outlet until a remediation plan is implemented and test results indicate that the lead levels are at or below the action level.
  - Provide building occupants with an adequate supply of potable water for drinking and cooking until remediation is performed.
  - Report the results to the local health department as soon as practicable but no more than 1 business day after the school received the laboratory report.

- Notify all staff and all persons in parental relation to students of the test results in writing as soon as practicable but no more than 10 business days after the school received the laboratory report.
- o The school shall make available the results of all lead testing performed and remediation plans implemented on its website as soon as practicable, but no later than 6 weeks after the school received the laboratory results.
- If the sink isn't used for consumption or food preparation, in accordance with the NYS DOH regulation, Lead testing in School Drinking Water 10 NYCRR Subpart 67-4 and the FAQs posted on the NYS DOH website, FAQ #16, it appears that school might meet compliance by simply posting a sign (age appropriate) stating that the water should not be used for drinking or cooking.
- If aerators are present in the affected sinks (lead sediment can build up and leach out and end up in the drinking water), they should be removed cleaned, reinstalled and the fixture should be retested.
- Install a water filter to control the lead concentration and, maintain and replace the filter in accordance with the manufactures requirements/instructions. The process should be documented. The fixture should be retested.
- If a water filter was in use and the unit's lead concentration exceeded the regulatory limit, then the filter should be replaced and the unit retested.

#### Reminders:

- For results of tests performed before the effective date of these regulations, notify all staff and all persons in parental relation to students within 10 business days of this regulation's effective date, unless written notification has already occurred.
- As soon as practicable but no later than November 11, 2016 schools must report all testing results (whether above or below 15 ppb) to DOH, SED, local health department through the Department's designated statewide electronic reporting system.

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#### 1.0 INTRODUCTION

Irvington UFSD retained Regulatory Compliance to test water fountains / sinks in select areas, as identified by the district, for lead contamination. The overall objective is to determine the lead content in drinking water in the districts buildings. On October 8, 2016 sampling was conducted at the middle school and high school buildings.

Lead is a toxic metal that can be harmful when ingested (or inhaled), and young children are particularly sensitive to the effects of lead. Lead can get into drinking water by being present in the source water, or by interaction of the water with plumbing materials containing lead (through corrosion). Common sources of lead in drinking water include: solder, fluxes, pipes and pipefittings, fixtures, and sediments. Thus, it is possible that different water outlets in a given building could have dissimilar concentrations of lead. Lead in drinking water is regulated under the Safe Drinking Water Act (1974) as amended. The Lead Contamination Control Act (LCCA) amended the Safe Drinking Water Act and is aimed at identifying and reducing lead in drinking water in schools (and day care facilities). In April 1994, EPA prepared two guidance documents to assist municipalities in meeting the requirements of the LCCA. On September 6, 2016 the Department of Health DOH issued emergency regulations for the implementation of the new law, Lead Testing in School Drinking Water, the regulations became Subpart 67-4 of Title 10 (Health) of the Official Compilation of Codes, Rule and Regulations of the State of New York

#### 2.0 SAMPLING METHODOLOGY

Samples were collected in accordance with the *Lead testing in School Drinking Water* – 10 NYCRR Subpart 67-4.3. A first-draw sample was collected in a wide mouth 250 mL bottle and collected from a cold water outlet before the water is used. The water was motionless in the pipes for a minimum of 8 hours but not more than 18 hours prior to collection.

### 3.0 RESULTS

The water fountains /sinks that were tested are in compliance with the NYS Lead testing in School Drinking Water – 10 NYCRR Subpart 67-4, with the exception of the sinks/water fountains listed in the Results Section of the report.

Table 1.0 Locations at the middle and high school that are above the lead EPA Action Level of 0.015 mg/L:

Sample ID#	Lab ID #	Sample Location	Date Sampled	Results (mg/L)
5	2458253	M.S Science Lab 306 -Sink # 1 (L>R)	10/8/2016	0.083
6	2458254	M.S Science Lab 306 -Sink # 2 (L>R)	10/8/2016	0.041
10	2458258	M.S Science Lab 306 -Sink # 6 (L>R)	10/8/2016	0.027
11	2458259	M.S Science Lab 306 -Sink # 7 (L>R)	10/8/2016	0.016
33	2458281	M.S Room 302 - Sink # 3	10/8/2016	0.031
40	2458288	M.S Bathroom by room 301 - Sink # 2	10/8/2016	0.057
46	2458294	M.S Kitchen (Sinks numbered Left to Right from door closest to audio control panel) Sink # 3	10/8/2016	0.074
56	2458304	M.S Room 206 - Sink # 1	10/8/2016	0.017
57	2458305	M.S Room 206 - Sink # 2	10/8/2016	0.019
61	2458309	M.S Room 206 - Sink # 6	10/8/2016	0.059
73	2458321	M.S Room 204 - (L>R) Sink # 10	10/8/2016	0.729
74	2458322	M.S Room 203 - (L>R) Sink # 1	10/8/2016	0.079
85	2458333	M.S Room 201 - (L>R) Sink # 1	10/8/2016	0.020
103	2458350	M.S Room 106 - (L>R) Sink # 4	10/8/2016	0.056

Sample ID#	Lab ID #	Sample Location	Date Sampled	Results (mg/L)
104	2458351	M.S Room 106 - (L>R) Sink # 5	10/8/2016	0.039
105	2458352	M.S Room 106 - (L>R) Sink # 6	10/8/2016	0.027
107	2458354	M.S Room 105 - Sink	10/8/2016	0.030
117	2458364	M.S Room 104 - (L>R) Sink # 10	10/8/2016	0.019
118	2458365	M.S Room 103 - (L>R) Sink # 1	10/8/2016	0.030
133	2458380	M.S Room 101 - (L>R) Sink # 5	10/8/2016	0.094
157	2458404	Womens room in gym teacher's office (Theater / gym building)	10/8/2016	0.079
206	2458453	Dark Room - (L>R) Sink # 3	10/8/2016	0.084

Note: All sinks / hoses are numbered from left to right when entering the room

# 4.0 10 NYCRR Subpart 67-4 REQUIREMENTS, RECOMMENDATIONS & REMINDERS

#### 10 NYCRR Subpart 67-4 Requirements:

- For all outlets that exceed the NYS Action Level action is required. In accordance with the Lead testing in School Drinking Water 10 NYCRR Subpart 67-4, if lead is detected the school is obligated to:
  - o Prohibit use of the outlet until a remediation plan is implemented and test results indicate that the lead levels are at or below the action level.
  - Provide building occupants with an adequate supply of potable water for drinking and cooking until remediation is performed.
  - Report the results to the local health department as soon as practicable but no more than 1 business day after the school received the laboratory report.
  - Notify all staff and all persons in parental relation to students of the test results in writing as soon as practicable but no more than 10 business days after the school received the laboratory report.
  - The school shall make available the results of all lead testing performed and remediation plans implemented on its website as soon as practicable, but no later than 6 weeks after the school received the laboratory results.

#### Recommendations:

- If the sink isn't used for consumption or food preparation, in accordance with the NYS DOH regulation, Lead testing in School Drinking Water 10 NYCRR Subpart 67-4 and the FAQs posted on the NYS DOH website, FAQ #16, it appears that school might meet compliance by simply posting a sign (age appropriate) stating that the water should not be used for drinking or cooking.
- If aerators are present in the affected sinks (lead sediment can build up and leach out and end up in the drinking water), they should be removed cleaned, reinstalled and the fixture should be retested.
- Install a water filter to control the lead concentration and, maintain and replace the filter in accordance with the manufactures requirements/instructions. The process should be documented. The fixture should be retested.
- If a water filter was in use and the unit's lead concentration exceeded the regulatory limit, then the filter should be replaced and the unit retested.

#### Reminders:

- For results of tests performed before the effective date of these regulations, notify all staff and all persons in parental relation to students within 10 business days of this regulation's effective date, unless written notification has already occurred.
- As soon as practicable but no later than November 11, 2016 schools must report all testing results (whether above or below 15 ppb) to DOH, SED, local health department through the Department's designated statewide electronic reporting system.

Laboratory Results for Lead in Water



### **Water Sample Report**

RE: CPN IRV-1126-16-IH - Irvington

Date Collected:

10/08/2016

Collected By:

S. Coon

Date Received:

10/08/2016

Date Analyzed:

10/13/2016

Analyzed By:

Signature:

Peter P. Argyrakis

Analyte:

Magnite

Pb Water Analytical Method: EPA 200.9 NYS Lab Number: 10851

Client: RegCom

245 Albany Avenue

Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
1 2458249	CMS - Custodial Closet by Chiller Room - Office Chiller	Water	BDL < 0.001 mg/L
2 2458250	CMS - Custodial Closet - Right at Storage	Water	BDL < 0.001 mg/L
3 2458251	CMS - 3rd Floor - Water Fountain - Near Elevator and Room 306	Water	BDL < 0.001 mg/L
4 2458252	Restroom - Near Room 306	Water	0.001 mg/L
5 2458253	Science Lab - Room 306 (From Left to Right) - Sink #1	Water	0.083 mg/L
6 2458254	Science Lab - Room 306 (From Left to Right) - Sink #2	Water	0.041 mg/L
7 2458255	Science Lab - Room 306 (From Left to Right) - Sink #3	Water	0.003 mg/L
8 2458256	Science Lab - Room 306 (From Left to Right) - Sink #4	Water	0.004 mg/L
9 2458257	Science Lab - Room 306 (From Left to Right) - Sink #5	Water	0.003 mg/L

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S. Coon

245 Albany Avenue Thornwood, NY 10594

Date Received: Date Analyzed:

10/08/2016 10/13/2016

Analyzed By:

Peter P. Argyrakis

Signature:

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Analyte:

Pb Water

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
10 2458258	Science Lab - Room 306 (From Left to Right) - Sink #6	Water	0.027 mg/L
11 2458259	Science Lab - Room 306 (From Left to Right) - Sink #7	Water	0.016 mg/L
12 2458260	Room 305 - Sink	Water	0.009 mg/L
13 2458261	Room 304 - Sink #1 (From Left to Right)	Water	0.003 mg/L
14 2458262	Room 304 - Sink #2	Water	0.005 mg/L
15 2458263	Room 304 - Sink #3	Water	0.006 mg/L
16 2458264	Room 304 - Sink #4	Water	0.005 mg/L
17 2458265	Room 304 - Sink #5	Water	0.007 mg/L
18 2458266	Room 304 - Sink #6	Water	0.005 mg/L

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10/13/2016

Signature:

Peter P. Argyrakis

Magnet

Analyte:

Pb Water

Analytical Method: EPA 200.9 NYS Lab Number: 10851

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
19 2458267	Room 304 - Sink #7	Water	0.008 mg/L
20 2458268	Room 304 - Sink #8	Water	0.007 mg/L
21 2458269	Room 304 - Sink #9	Water	0.007 mg/L
22 2458270	Room 304 - Sink #10	Water	0.006 mg/L
23 2458271	Room 303 - Sink #1	Water	0.004 mg/L
24 2458272	Room 303 - Sink #2	Water	0.012 mg/L
25 2458273	Room 303 - Sink #3	Water	0.004 mg/L
26 2458274	Room 303 - Sink #4	Water	0.001 mg/L
27	Room 303 - Sink #5	Water	0.001 mg/L

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### Water Sample Report

RE: CPN IRV-1126-16-IH - Irvington

Date Collected:

10/08/2016

Collected By:

S. Coon

Date Received:

10/08/2016

Date Analyzed: Analyzed By:

10/13/2016 Peter P. Argyrakis

Signature:

Magneta

Analyte:

Pb Water

Analytical Method: EPA 200.9 NYS Lab Number: 10851

Client: RegCom	
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245 Albany Avenue Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
28 2458276	Room 303 - Sink #6	Water	0.001 mg/L
29 2458277	Room 303 - Sink #7	Water	0.001 mg/L
30 2458278	Room 303 - Sink #8	Water	0.001 mg/L
31 2458279	Room 302 - Sink #1 (From Left to Right)	Water	0.004 mg/L
32 2458280	Room 302 - Sink #2 (From Left to Right)	Water	0.001 mg/L
33 2458281	Room 302 - Sink #3	Water	0.031 mg/L
34 2458282	Room 302 - Sink #4	Water	0.006 mg/L
35 2458283	Room 302 - Sink #5	Water	0,007 mg/L
36 2458284	Room 302 - Sink #6	Water	0.003 mg/L

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Collected By: Date Received: S. Coon 10/08/2016

Date Analyzed:

10/13/2016

Analyzed By:

Peter P. Argyrakis

Signature:

Magata

Analyte:

Pb Water

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
37 2458285	Room 302 - Sink #7	Water	0.013 mg/L
38 2458286	Room 301 - Sink	Water	0.007 mg/L
39 2458287	Bathroom - Sink #1 (From Left to Right)	Water	0.005 mg/L
40 2458288	Bathroom - Sink #2 (From Left to Right)	Water	0.057 mg/L
41 2458289	Elkay - Water Fountain - Level 2 - Adjacent to Elevator	Water	BDL < 0.001 mg/L
42 2458290	Cafeteria Elevator - Left Door - Enhance Water Fountain #1	Water	BDL < 0.001 mg/L
43 2458291	Cafeteria Elevator - Left Door - Enhance Water Fountain #2	Water	BDL < 0.001 mg/L
44 2458292	Enter Through Door Near Audio Control Panel - Kitchen - Sink #1 (From Left to Right)	Water	0.002 mg/L
45 2458293	Sink #2 - Sprayer	Water	BDL < 0.001 mg/L

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S. Coon

Date Received:

10/08/2016

Date Analyzed: Analyzed By:

10/13/2016

Peter P. Argyrakis

Signature:

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Analyte:

Pb Water

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
46 2458294	Water Outlet #3	Water	0.074 mg/L
47 2458295	Sink #4 (Island)	Water	0.001 mg/L
48 2458296	Sink #5 (Island Hand Washing Station)	Water	0.004 mg/L
49 2458297	Sink #6 - Hand Washing	Water	BDL < 0.001 mg/L
50 2458298	Sprayer #7	Water	0.001 mg/L
51 2458299	Sink #8	Water	BDL < 0.001 mg/L
52 2458300	Deli - Sink	Water	0.001 mg/L
53 2458301	Elkay Water Fountain - Near Room 206	Water	BDL < 0.001 mg/L
54 2458302	Women's Room Near 206 - Sink #1	Water	BDL < 0.001 mg/L

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S. Coon 10/08/2016

Date Received: Date Analyzed:

10/13/2016

Analyzed By:

Peter P. Argyrakis

Signature:

Planet

Analyte:

Pb Water

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
55 2458303	Women's Room Near 206 - Sink #2	Water	BDL < 0.001 mg/L
56 2458304	Room 206 - Sink #1	Water	0.017 mg/L
57 2458305	Room 206 - Sink #2	Water	0.019 mg/L
58 2458306	Room 206 - Sink #3	Water	0.010 mg/L
59 2458307	Room 206 - Sink #4	Water	0.011 mg/L
60 2458308	Room 206 - Sink #5	Water	0.010 mg/L
61 2458309	Room 206 - Sink #6	Water	0.059 mg/L
62 2458310	Room 206 - Sink #7	Water	0.009 mg/L
63 2458311	Room 205 - Sink	Water	0.004 mg/L

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10/08/2016

Date Analyzed: Analyzed By:

10/13/2016

Signature:

Peter P. Argyrakis

Analyte:

Pergut Pb Water

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
64 2458312	Room 204 - Sink #1 (From Left to Right)	Water	0.015 mg/L
65 2458313	Room 204 - Sink #2	Water	0.006 mg/L
66 2458314	Room 204 - Sink #3	Water	0.004 mg/L
67 2458315	Room 204 - Sink #4	Water	0.002 mg/L
68 2458316	Room 204 - Sink #5	Water	0.006 mg/L
69 2458317	Room 204 - Sink #6	Water	0.002 mg/L
70 2458318	Room 204 - Sink #7	Water	0.002 mg/L
71 2458319	Room 204 - Sink #8	Water	0.003 mg/L
72 2458320	Room 204 - Sink #9	Water	0.010 mg/L

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S. Coon

Date Received:

10/08/2016

Date Analyzed: Analyzed By:

10/13/2016 Peter P. Argyrakis

Signature:

Magnete

Analyte:

Pb Water

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
73 2458321	Room 204 - Sink #10	Water	0.729 mg/L
74 2458322	Room 203 - Sink #1	Water	0.079 mg/L
75 2458323	Room 204 - Sink #2	Water	0.013 mg/L
76 2458324	Room 204 - Sink #3	Water	0.013 mg/L
77 2458325	Room 204 - Sink #4	Water	0.007 mg/L
78 2458326	Room 204 - Sink #5	Water	0.015 mg/L
79 2458327	Room 204 - Sink #6	Water	0.003 mg/L
80 2458328	Room 204 - Sink #7	Water	0.010 mg/L
81 2458329	Room 203 - Sink #8	Water	0.009 mg/L

0.010 mg/L

### Eastern Analytical Services, Inc.

### **Water Sample Report**

RE: CPN IRV-1126-16-IH - Irvington

Client: RegCom

245 Albany Avenue

Thornwood, NY 10594

Date Collected:

10/08/2016

S. Coon

Collected By: Date Received:

10/08/2016

Date Analyzed:

10/13/2016

Analyzed By: Signature:

Peter P. Argyrakis

Analyte:

Pb Water

Analytical Method: EPA 200.9 NYS Lab Number: 10851

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
82 2458330	Room 203 - Sink #9	Water	0.003 mg/L
83 2458331	Room 203 - Sink #10	Water	0.005 mg/L
84 2458332	Room 202 - Sink	Water	0.001 mg/L
85 2458333	Room 201 - Sink #1	Water	0.020 mg/L
86 2458334	Room 201 - Sink #2	Water	0.010 mg/L
87 2458335	Room 201 - Sink #3	Water	0.007 mg/L
88 2458336	Room 201 - Sink #4	Water	0.011 mg/L
89	Room 201 - Sink #5	Water	0.012 mg/L

Room 201 - Sink #6

2458337

2458338

90

Water

BDL < 0.001 mg/L

### Eastern Analytical Services, Inc.

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245 Albany Avenue

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Collected By: Date Received: S. Coon 10/08/2016

Date Analyzed: Analyzed By:

10/13/2016 Peter P. Argyrakis

Signature:

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Analyte:

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2458347

Pb Water

Analytical Method: EPA 200.9 NYS Lab Number: 10851

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
91 2458339	Room 201 - Sink #7	Water	0.014 mg/L
92 2458340	Elkay Water Fountain - Adjacent to Room 201	Water	BDL < 0.001 mg/L
93 2458341	Boys Room Near 201 - Sink 1	Water	BDL < 0.001 mg/L
94 2458342	Boys Room Near 201 - Sink 2	Water	BDL < 0.001 mg/L
95 2458343	Level 1 - Inclusive Restroom	Water	BDL < 0.001 mg/L
96 2458344	Water Fountain Adjacent to Restroom - Elkay	Water	BDL < 0.001 mg/L
97 2458345	Elkay Water Fountain - Adjacent to Room 106	Water	BDL < 0.001 mg/L
98 2458346	Womens Room Near Room 106 - Sink #1	Water	BDL < 0.001 mg/L

Water

Womens Room Near Room 106 -

Sink #2

### **Water Sample Report**

RE: CPN IRV-1126-16-IH - Irvington

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10/08/2016 10/13/2016

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Date Received:

Peter P. Argyrakis

Signature:

Menget

Analyte:

Pb Water Analytical Method: EPA 200.9 NYS Lab Number: 10851

Client: RegCom

245 Albany Avenue Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
101 2458348	Room 106 - Sink #2	Water	0.007 mg/L
102 2458349	Room 106 - Sink #3	Inoperable	NA
103 2458350	Room 106 - Sink #4	Water	0.056 mg/L
104 2458351	Room 106 - Sink #5	Water	0.039 mg/L
105 2458352	Room 106 - Sink #6	Water	0.027 mg/L
106 2458353	Room 106 - Sink #7	Water	0.013 mg/L
107 2458354	Room 105 - Sink	Water	0.030 mg/L
108 2458355	Room 104 - Sink #1	Water	0.003 mg/L
109 2458356	Room 104 - Sink #2	Water	0.003 mg/L

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Signature:

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Analyte:

Pb Water

Analytical Method: EPA 200.9 NYS Lab Number: 10851

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Thorn	wood, I	NY 1	10594

Client: RegCom

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
110 2458357	Room 104 - Sink #3	Water	0.007 mg/L
111 2458358	Room 104 - Sink #4	Water	0.003 mg/L
112 2458359	Room 104 - Sink #5	Water	0.003 mg/L
113 2458360	Room 104 - Sink #6	Water	0.003 mg/L
114 2458361	Room 104 - Sink #7	Water	0.006 mg/L
115 2458362	Room 104 - Sink #8	Water	0.003 mg/L
116 2458363	Room 104 - Sink #9	Water	0.007 mg/L
117 2458364	Room 104 - Sink #10	Water	0.019 mg/L
118 2458365	Room 103 - Sink #1	Water	0.030 mg/L

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Peter P. Argyrakis

Signature:

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Analyte:

Analytical Method: EPA 200.9

Pb Water

NYS Lab Number: 10851

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
119 2458366	Room 103 - Sink #2	Water	0.008 mg/L
120 2458367	Room 103 - Sink #3	Water	0.005 mg/L
121 2458368	Room 103 - Sink #4	Water	0.009 mg/L
122 2458369	Room 103 - Sink #5	Water	0.005 mg/L
123 2458370	Room 103 - Sink #6	Water	0.002 mg/L
124 2458371	Room 103 - Sink #7	Water	0.009 mg/L
125 2458372	Room 103 - Sink #8	Water	0.007 mg/L
126 2458373	Room 103 - Sink #9	Water	0.006 mg/L
127 2458374	Room 103 - Sink #10	Water	0,006 mg/L

### **Water Sample Report**

RE: CPN IRV-1126-16-IH - Irvington

Client: RegCom

245 Albany Avenue

Thornwood, NY 10594

Date Collected: Collected By:

10/08/2016

S. Coon

Date Received: Date Analyzed: 10/08/2016 10/13/2016

Analyzed By:

Peter P. Argyrakis

Signature:

Analyte:	Pb Water
Analytical Method	EPA 200.9
NYS Lab Number:	10851

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
128 2458375	Room 102 - Sink	Water	0.001 mg/L
129 2458376	Room 102 - Sink #1	Water	0.004 mg/L
130 2458377	Room 102 - Sink #2	Water	0.010 mg/L
131 2458378	Room 101 - Sink #3	Water	0.003 mg/L
132 2458379	Room 101 - Sink #4	Water	0.005 mg/L
133 2458380	Room 101 - Sink #5	Water	0.094 mg/L
134 2458381	Elkay Water Fountain Near Room 101	Water	BDL < 0.001 mg/L
135 2458382	Mens Room Near Room 101 - Sink 1	Water	BDL < 0.001 mg/L
136 2458383	Mens Room Near Room 101 - Sink 2	Water	BDL < 0.001 mg/L

### Water Sample Report

RE: CPN IRV-1126-16-IH - Irvington

Date Collected: Collected By:

10/08/2016 S. Coon

Date Received: Date Analyzed: Analyzed By:

NYS Lab Number: 10851

10/08/2016 10/13/2016

Signature: Analyte:

Peter P. Argyrakis Wengent

Pb Water Analytical Method: EPA 200.9 Client: RegCom

245 Albany Avenue Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
137 2458384	Nurses Office - Sink - Middle School	Water	BDL < 0.001 mg/L
138 2458385	Nurses Bathroom - Sink	Water	BDL < 0.001 mg/L
139 2458386	Boys Room - Opposite Nurse Office - Sink #1 - Middle School	Water	BDL < 0.001 mg/L
140 2458387	Boys Room - Opposite Nurse Office - Sink #2 - Middle School	Water	BDL < 0.001 mg/L
141 2458388	Girls Room - Opposite M.S. Nurse Office - Sink #1	Water	BDL < 0.001 mg/L
142 2458389	Girls Room - Opposite M.S. Nurse Office - Sink #2	Water	BDL < 0.001 mg/L
143 2458390	Girls Room - Opposite M.S. Nurse Office - Sink #3	Water	BDL < 0.001 mg/L
144 2458391	B Wing - Faculty Bathroom	Water	BDL < 0.001 mg/L
145 2458392	B Wing - Water Fountain	Water	BDL < 0.001 mg/L

### **Water Sample Report**

RE: CPN IRV-1126-16-IH - Irvington

Client: RegCom

245 Albany Avenue

Thornwood, NY 10594

Date Collected:

10/08/2016

Collected By:

S. Coon

Date Received: Date Analyzed:

10/08/2016 10/13/2016

Analyzed By:

Peter P. Argyrakis

Signature:

Whomate

Analyte:

Pb Water Analytical Method: EPA 200.9

NYS Lab Number: 10851

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
146 2458393	A Wing - Water Fountain	Water	BDL < 0.001 mg/L
147 2458394	Faculty Womens Bathroom - Near Elevator - Level 2 - M.S Sink #1	Water	BDL < 0.001 mg/L
148 2458395	Faculty Womens Bathroom - Near Elevator - Level 2 - M.S Sink #2	Water	BDL < 0.001 mg/L
149 2458396	Faculty Womens Bathroom - Near Elevator - Level 2 - M.S Sink #3	Water	0.001 mg/L
150 2458397	Mens Faculty Bathroom - Near Elevator - Level 2 - M.S Sink #1	Water	0.002 mg/L
151 2458398	Mens Faculty Bathroom - Near Elevator - Level 2 - M.S Sink #2	Water	0.003 mg/L
152 2458399	D Wing Restroom - Sink	Water	BDL < 0.001 mg/L
153 2458400	D Wing - Water Fountain	Water	BDL < 0.001 mg/L
154 2458401	M-201 Faculty Lounge - Sink	Water	BDL < 0.001 mg/L

#### **Water Sample Report**

RE: CPN IRV-1126-16-IH - Irvington

Date Collected:

10/08/2016

S. Coon

Collected By: Date Received:

10/08/2016

Date Analyzed: Analyzed By:

10/13/2016 Peter P. Argyrakis

Signature:

Petrogent

Pb Water

Client: RegCom

245 Albany Avenue Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
155 2458402	C Wing - Water Fountain	Water	BDL < 0.001 mg/L
156 2458403	Water Fountain - Adjacent to Boys Locker Room - Theater/Gym Building	Water	BDL < 0.001 mg/L
157 2458404	Womens Room in Gym Teacher Office	Water	0.079 mg/L
158 2458405	Girls Locker Room - Sink #1	Water	0.001 mg/L
159 2458406	Girls Locker Room - Sink #2	Water	BDL < 0.001 mg/L
160 2458407	Girls Locker Room - Sink #3	Water	BDL < 0.001 mg/L
161 2458408	Girls Locker Room - Sink #4	Water	0.004 mg/L
162 2458409	Girls Locker Room - Sink #5	Water	0.002 mg/L
163 2458410	Coaches Office - Mens Bathroom	Water	BDL < 0.001 mg/L

### Water Sample Report

RE: CPN IRV-1126-16-IH - Irvington

Client: RegCom

245 Albany Avenue

Thornwood, NY 10594

Date Collected:

10/08/2016

Collected By:

S. Coon 10/08/2016

Date Received: Date Analyzed:

10/13/2016

Analyzed By:

Peter P. Argyrakis

Signature:

Magneta

Analyte:

Pb Water

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
164 2458411	Boys Locker Room - Sink #1	Water	0.001 mg/L
165 2458412	Boys Locker Room - Sink #2	Water	0.002 mg/L
166 2458413	Boys Locker Room - Sink #3	Water	BDL < 0.001 mg/L
167 2458414	Boys Locker Room - Sink #4	Water	BDL < 0.001 mg/L
168 2458415	Boys Locker Room - Sink #5	Water	0.001 mg/L
169 2458416	Custodians Clsoet - Slop Sink - Near Physical Therapy Room	Water	BDL < 0.001 mg/L
170 2458417	Water Fountain in Theater Gym Lobby	Water	BDL < 0.001 mg/L
171 2458418	Mens Bathroom - Sink #1 - In Theater/Gym Lobby	Water	BDL < 0.001 mg/L
172 2458419	Mens Bathroom - Sink #2 - In Theater/Gym Lobby	Water	BDL < 0.001 mg/L

### **Water Sample Report**

RE: CPN IRV-1126-16-IH - Irvington

Date Collected:

10/08/2016

S. Coon

Collected By: Date Received:

10/08/2016 10/13/2016

Date Analyzed: Analyzed By:

Peter P. Argyrakis

Signature:

Petropula

Analyte:

Pb Water

Analytical Method: EPA 200.9 NYS Lab Number: 10851

Client: RegCom

245 Albany Avenue Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
173 2458420	Mens Bathroom - Sink #3 - In Theater/Gym Lobby	Water	BDL < 0.001 mg/L
174 2458421	Mens Bathroom - Sink #4 - In Theater/Gym Lobby	Water	BDL < 0.001 mg/L
175 2458422	Womens Bathroom - Sink #1 - In Theater/Gym Lobby	Water	BDL < 0.001 mg/L
176 2458423	Womens Bathroom - Sink #2 - In Theater/Gym Lobby	Water	BDL < 0.001 mg/L
177 2458424	Womens Bathroom - Sink #3 - In Theater/Gym Lobby	Water	BDL < 0.001 mg/L
178 2458425	Womens Bathroom - Sink #4 - In Theater/Gym Lobby	Water	BDL < 0.001 mg/L
179 2458426	Theater Dressing Room - Sink #1 (From Left to Right) - Bathroom #1	Water	BDL < 0.001 mg/L
180 2458427	Theater Dressing Room - Sink #2 (From Left to Right) - Bathroom #2	Water	BDL < 0.001 mg/L
181 2458428	Water Fountain Between Storage and Elevator - Level 2 - T/G Building	Water	BDL < 0.001 mg/L

### **Water Sample Report**

RE: CPN IRV-1126-16-IH - Irvington

Client: RegCom

245 Albany Avenue

Thornwood, NY 10594

Date Collected:

10/08/2016

Collected By: Date Received: S. Coon 10/08/2016

Date Analyzed: Analyzed By:

10/13/2016 Peter P. Argyrakis

Signature:

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Analyte:

Pb Water

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
182 2458429	Entrance from Girls Locker Storage - Water Fountain #1 (From Left to Right) (Gym)	Water	BDL < 0.001 mg/L
183 2458430	Void - Entrance from Girls Locker Storage - Water Fountain #2 (From Left to Right) (Gym)	Water	NA
184 2458431	Entrance from Girls Locker Storage - Water Fountain #3	Water	BDL < 0.001 mg/L
185 2458432	Entrance from Girls Locker Storage - Water Fountain #4	Water	BDL < 0.001 mg/L
186 2458433	Mens Room - Sink at Entrance to LFA Building	Water	BDL < 0.001 mg/L
187 2458434	Locker Room - Sink #1 - Near Gina Mayer Gym	Water	0.008 mg/L
188 2458435	Locker Room - Sink #2 - Near Gina Mayer Gym	Water	0.003 mg/L
189 2458436	Locker Room - Sink #3 - Near Gina Mayer Gym	Water	0.002 mg/L
190 2458437	Water Fountain - Opposite Cafeteria "Peter & Oley" Plaque	Water	BDL < 0.001 mg/L

### **Water Sample Report**

RE: CPN IRV-1126-16-IH - Irvington

Date Collected:

10/08/2016

Client: RegCom

Collected By:

S. Coon 10/08/2016 245 Albany Avenue Thornwood, NY 10594

Date Received:
Date Analyzed:

10/13/2016

Analyzed By: Signature:

Peter P. Argyrakis

Signature:

De Water

Analyte: Pb Water Analytical Method: EPA 200.9 NYS Lab Number: 10851

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
191 2458438	Gina Mayer Gym - Water Fountain	Water	0.001 mg/L
192 2458439	Staff Area - Mosenthal Library - Sink	Water	BDL < 0.001 mg/L
193 2458440	Women's Restroom (From Left to Right) - Sink #1 - Across from Mosenthal Library	Water	BDL < 0.001 mg/L
194 2458441	Women's Restroom - Sink #2 (From Left to Right)	Water	BDL < 0.001 mg/L
195 2458442	Girls Locker Room - Across from Mosenthal Library (From Left to Right)	Water	BDL < 0.001 mg/L
196 2458443	Girls Locker Room - Sink #2	Water	0.001 mg/L
197 2458444	Girls Locker Room in Staff Bathroom - Sink	Water	BDL < 0.001 mg/L
198 2458445	Art Room 101 - Sink #1 (From Left to Right)	Water	BDL < 0.001 mg/L
199 2458446	Art Room 101 - Sink #2	Water	BDL < 0.001 mg/L

### Water Sample Report

RE: CPN IRV-1126-16-IH - Irvington

Date Collected:

10/08/2016

Collected By: Date Received: S. Coon 10/08/2016

Date Analyzed: Analyzed By:

10/13/2016

Signature:

Peter P. Argyrakis Magnet

Analyte:

Pb Water

Analytical Method: EPA 200.9 NYS Lab Number: 10851

Client: RegCom

245 Albany Avenue Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
200 2458447	Art Room 102 - Sink #1 (From Left to Right)	Water	BDL < 0.001 mg/L
201 2458448	Art Room 102 - Sink #2 (From Left to Right)	Water	BDL < 0.001 mg/L
202 2458449	Art Room 103 - Sink #1 (From Left to Right)	Water	BDL < 0.001 mg/L
203 2458450	Room 103 - Sink #2 (From Left to Right)	Water	BDL < 0.001 mg/L
204 2458451	Dark Room - Sink #1	Water	0.013 mg/L
205 2458452	Dark Room - Sink #2	Water	0.003 mg/L
206 2458453	Dark Room - Sink #3	Water	0.084 mg/L
207 2458454	Dark Room - Sink #4	Water	0.007 mg/L
208 2458455	Women's Room - Adjacent to H.S Main Office - Sink #1	Water	BDL < 0.001 mg/L

### **Water Sample Report**

RE: CPN IRV-1126-16-IH - Irvington

Date Collected:

10/08/2016

S. Coon

Collected By: Date Received:

10/08/2016

Date Analyzed:

10/13/2016

Analyzed By:

Peter P. Argyrakis

Signature:

Analyte:

Pb Water

Analytical Method: EPA 200.9 NYS Lab Number: 10851

Client: RegCom

245 Albany Avenue Thornwood, NY 10594

Magnet

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
209 2458456	Women's Room - Adjacent to H.S Main Office - Sink #2	Water	BDL < 0.001 mg/L
210 2458457	Inclusive Restrooms - Adjacent to Main Office	Water	BDL < 0.001 mg/L
211 2458458	Faculty Men Near Main Office - Sink #1	Water	0.002 mg/L
212 2458459	Faculty Men Near Main Office - Sink #2	Water	0.001 mg/L
213 2458460	Top Floor - Water Fountain - Near Locker 268	Water	BDL < 0.001 mg/L
214 2458461	Mens Room Sink Near Locker 470 - Sink #1	Water	BDL < 0.001 mg/L
215 2458462	Mens Room Sink Near Locker 470 - Sink #2	Water	0.002 mg/L
216 2458463	Ladies Bathroom - Sink #1 - Between Storage & Cafeteria	Water	BDL < 0.001 mg/L
217 2458464	Ladies Bathroom - Sink #2	Water	BDL < 0.001 mg/L

### Water Sample Report

RE: CPN IRV-1126-16-IH - Irvington

Client: RegCom

245 Albany Avenue

Thornwood, NY 10594

Date Collected:

10/08/2016

Collected By:

S. Coon 10/08/2016

Date Received: Date Analyzed:

10/13/2016

Analyzed By:

Peter P. Argyrakis

Signature:

Magnet

Analyte:

Pb Water

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
218 2458465	Water Fountain Between Electric Closet and Elevator - Level 2	Water	0.002 mg/L
219 2458466	Ladies Room Near H.S Storage "F" - Level 2	Water	BDL < 0.001 mg/L
220 2458467	Water Fountain by South Stair - Locker 2127	Water	BDL < 0.001 mg/L
221 2458468	New Bathroom - Sink #1 (From Left to Right)	Water	0.003 mg/L
222 2458469	New Bathroom - Sink #2	Water	BDL < 0.001 mg/L
223 2458470	Girls Bathroom - Adjacent to New Bathroom - Sink #1	Water	0.001 mg/L
224 2458471	Girls Bathroom - Adjacent to New Bathroom - Sink #2	Water	0.001 mg/L
225 2458472	Nurse Room 108 Office - Sink	Water	BDL < 0.001 mg/L
226 2458473	Nurse Bathroom - Sink	Water	BDL < 0.001 mg/L

### **Water Sample Report**

RE: CPN IRV-1126-16-IH - Irvington

Date Collected:

10/08/2016

Collected By:

S. Coon 10/08/2016

Date Received: Date Analyzed:

10/13/2016

Analyzed By:

Peter P. Argyrakis

Signature:

Paragrata

Analyte:

Pb Water

Analytical Method: EPA 200.9 NYS Lab Number: 10851

Client: RegCom

245 Albany Avenue Thornwood, NY 10594

Sample ID# / Lab ID#	Sample Location	Sample Notes	Concentration
227 2458474	Men/Women Loading Room - Opposite Nache Room	Water	BDL < 0.001 mg/L
228 2458475	Faculty Lounge - H001 - Sink	Water	0.001 mg/L
229 2458476	Restroom - Sink - In Room H001	Water	BDL < 0.001 mg/L
230 2458477	Mens Room - Opposite Locker 1B - Sink #1	Water	0.006 mg/L
231 2458478	Mens Room - Opposite Locker 1B - Sink #2	Water	0.004 mg/L
232 2458479	Womens Room - Sink #1 - Near Main Office	Water	0.001 mg/L
233 2458480	Womens Room - Sink #2	Water	0.001 mg/L
234 2458481	Sink in Room H018	Water	0.005 mg/L
235 2458482	Boces Hall - Water Fountain - H025	Water	BDL < 0.001 mg/L

### Water Sample Report

RE: CPN IRV-1126-16-IH - Irvington

Date Collected:

10/08/2016

Collected By:

S. Coon

Date Received:
Date Analyzed:

10/08/2016 10/13/2016

Analyzed By:

Peter P. Argyrakis

Signature:

Despite

Analyte:

Pb Water

Analytical Method: EPA 200.9 NYS Lab Number: 10851

Sample ID# / Lab ID# **Sample Location** 

Sample Notes

Client: RegCom

245 Albany Avenue

Thornwood, NY 10594

Concentration

236 2458483

Not Applicable

Water Blank

BDL < 0.001 mg/L

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