

# **RETEST OF LEAD IN DRINKING WATER SAMPLING**

of

## **Pittsburgh Public Schools Drinking Water Quality Initiative 2022**

**Survey Dates: April 27 – September 30, 2022**

**Prepared for:**

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## 1. INTRODUCTION

Skelly and Loy, a Terracon Company was retained by Pittsburgh Public Schools (PPS) to conduct testing for the presence of lead in drinking water and follow up retesting of any faucets that exceeded the EPA Drinking Water Action Level of 15 parts per billion (ppb).

The additional retesting was conducted at 22 of the 33 school buildings from April 27 through September 30, 2022. The objective of the water sample retesting was to verify if proper corrective actions, such as replacing faucet aerators or total faucet replacement was successful in reducing the lead concentrations in the affected faucet.

The objective of the drinking water sampling and analytical testing was to screen the drinking water for lead concentrations from designated drinking water fountains; to include ceramic/porcelain fountains, water fountains with coolers, water fountains without coolers, and glass/bottle filler stations.

Additional fixtures were tested to include classroom faucets, field house sinks, home economics faucets, ice machines, kitchen faucets, multi-purpose room/cafeteria faucets, nurse's office sink faucets, office sink faucets, teacher's lounge faucets, miscellaneous sink faucets and water from the main service line supplying water to the building.

## 2. SAMPLING METHODOLOGY

Retest water samples were collected, delivered, and analyzed according to the Environmental Protection Agency's (EPA's) "Lead in Drinking Water in Schools and Non-Residential Buildings, EPA 812-B-94-002," April 1994 and "3Ts for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance," October 2018. The Pennsylvania Public School Code, Act 39 - Section 742 (as amended on June 22, 2018) states that the lead levels in drinking water should not exceed the EPA's National Primary Drinking Water Regulations, Action Level for lead, currently 15 parts per billion (ppb). The purpose of this water sampling effort is to help minimize exposure to school students and staff to lead in drinking water at PPS facilities.

All water samples were collected in 250 mL plastic containers that were prepackaged by the analytical laboratory. At each water sample location, the first draw water sample was collected

after the water in the plumbing lines had been standing in the plumbing system for greater than eight (8) hours, but less than eighteen (18) hours. Each school building's water system was used the evening before the first-draw samples to follow the 3Ts water sampling protocols.

Where previous second draw drinking water samples indicated elevated lead levels, a second draw water sample was collected after the water in the system was discharged for 30 seconds, after the first draw sample. This is called a purged-line or flushed sample. This water sample will show the lead content of water that has not been in contact with the fixture for an extended period of time.

All samples were analyzed for lead content by R.J. Lee, Inc., 350 Hochberg Road, Monroeville, Pennsylvania using EPA Method 200.8 - Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)." R.J. Lee is an independent Pennsylvania (PA) laboratory certified for drinking water analysis (PADEP Lab ID 02-00396 – NELAP).

### 3. LEAD IN DRINKING WATER RESULTS AND DISCUSSION

Analytic results of the retest water samples were received and reviewed by Skelly and Loy in relation to EPA's "Lead in Drinking Water in Schools and Non-Residential Buildings, EPA 812-B-94-002," April 1994 and "3Ts for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance," October 2018. Lead concentrations above 15 ppb were considered to be elevated and additional response actions were recommended to reduce the lead concentrations in the faucet. Following mitigation of fixtures that exceeded the recommended lead concentration, retesting of the water was conducted to ensure the lead in drinking water was reduced below 15 ppb.

#### **Administration Building:**

At the PPS Administration Building, a total of 69 drinking water samples were collected from 36 drinking water and cooking use fixtures and faucets. **The results of six (6) water samples collected: 22-ADM-02-WB-39A (water fountain), 22-ADM-02-WO-49A (water fountain), 22-ADM-02-OF-50A (office sink faucet), 22-ADM-02-OF-51A (office sink faucet), 22-ADM-02-OF-51B (office sink faucet), and 22-ADM-04-OF-69A (office sink**

faucet) indicated lead concentrations above the lead in drinking water action level of 15 ppb.

One (1) drinking water and cooking use fixture: **ADM-02-OF-50 (office sink faucet)**, was taken out of service or posted with “**Handwash Only**” signage.

Five (5) retest water samples: **22-ADM-02-WB-39C (water fountain)**, **22-ADM-02-WO-49C (water fountain)**, **22-ADM-02-OF-51C (office sink faucet)**, **22-ADM-02-OF-51D (office sink faucet)**, and **ADM-04-OF-69C (office sink faucet)** were collected on August 20, 2022.

The results of three (3) water samples: **22-ADM-02-WB-39C (water fountain)**, **22-ADM-02-OF-51D (office sink faucet)**, and **ADM-04-OF-69C (office sink faucet)** were *below the EPA lead in drinking water action level of 15 ppb*.

The results of two (2) water samples: **22-ADM-02-WO-49C (water fountain)** and **22-ADM-02-OF-51C (office sink faucet)** were above the EPA lead in drinking water action level of 15 ppb. These two fixtures were taken out of service or posted with “**Handwash Only**” signage.

#### **Allderdice Field House:**

At Pittsburgh Allderdice Field House, a total of 4 samples were collected from 3 drinking water and cooking use fixtures and faucets. **The result of one (1) water sample collected: 22-AFH-01-MS-08A (miscellaneous sink) indicated a lead concentration above the lead in drinking water action level of 15 ppb. The faucet was replaced by PPS plumbers with a new fixture: AFH-01-MS-10.**

Two (2) retest water samples: **22-AFH-01-MS-10A (miscellaneous sink)** and **22-AFH-01-MS-10B (miscellaneous sink)** were collected on May 13, 2022.

The results of two (2) water samples: **22-AFH-01-MS-10A (miscellaneous sink)** and **22-AFH-01-MS-10B (miscellaneous sink)** were *below the EPA lead in drinking water action level of 15 ppb*.

### **Allderdice High School:**

At Allderdice High School, a total of 150 samples were collected from 77 drinking water and cooking use fixtures and faucets. **The results of seven (7) water samples collected: 22-ALD-01-OF-29A (office sink), 22-ALD-01-WB-48A (water fountain), 22-ALD-01-CF-51A (classroom faucet), 22-ALD-02-WO-122A (water fountain), 22-ALD-03-WO-141A (water fountain), 22-ALD-03-CF-148A (classroom faucet), and 22-ALD-04-HF-296A (home economics faucet) indicated lead concentrations above the lead in drinking water action level of 15 ppb.**

Three (3) drinking and cooking use fixtures: **ALD-01-WB-48 (water fountain), ALD-02-WO-122 (water fountain), and ALD-03-WO-141 (water fountain)** were taken out of service or posted with **“Handwash Only”** signage.

Four (4) water samples: **22-ALD-01-OF-29C (office sink), 22-ALD-01-CF-51C (classroom faucet), 22-ALD-03-CF-148C (classroom faucet), and 22-ALD-04-HF-296C (home economics faucet)** were collected on April 27, 2022.

The results of four (4) water samples: **22-ALD-01-OF-29C (office sink), 22-ALD-01-CF-51C (classroom faucet), 22-ALD-03-CF-148C (classroom faucet), and 22-ALD-04-HF-296C (home economics faucet) were below the EPA lead in drinking water action level of 15 ppb.**

### **Allegheny Annex:**

A total of 18 samples were collected from 10 drinking water and cooking use fixtures and faucets. **The results of three (3) water samples collected: 22-ALX-03-CF-22A (classroom faucet), 22-ALX-02-CF-33A (classroom faucet), and 22-ALX-02-CF-33B (classroom faucet) indicated lead concentrations above the lead in drinking water action level of 15 ppb.**

One (1) drinking water and cooking use fixture: **ALX-03-CF-22 (classroom faucet)** was taken out of service or posted with **“Handwash Only”** signage.

Two (2) water samples: **22-ALX-02-CF-33A (classroom faucet)** and **22-ALX-02-CF-33B (classroom faucet)** were collected on September 15, 2022.

The result of one (1) water sample: **22-ALX-02-CF-33B (classroom faucet)** *was below the EPA lead in drinking water action level of 15 ppb.*

The result of one (1) water sample: **22-ALX-02-CF-33A (classroom faucet)** *was above the EPA lead in drinking water action level of 15 ppb.*

One (1) water sample: **22-ALX-02-CF-33A (classroom faucet)** was collected on November 3, 2022.

The result of one (1) water sample: **22-ALX-03-CF-33A (classroom faucet)** *was below the EPA lead in drinking water action level of 15 ppb.*

#### **Allegheny K-5/6-8:**

No water retesting was required.

#### **Arsenal PreK-5/6-8:**

A total of 116 samples were collected from 59 drinking water and cooking use fixtures and faucets. **The results of four (4) water samples collected: 22-ARS-03-CF-115A (classroom faucet), 22-ARS-03-CF-106A (classroom faucet), 22-ARS-03-CF-106B (classroom faucet) and 22-ARS-03-CF-107A (classroom faucet) indicated lead concentrations above the lead in drinking water action level of 15 ppb.**

Four (4) retest water samples: **22-ARS-03-CF-115C (classroom faucet), 22-ARS-03-CF-106C (classroom faucet), 22-ARS-03-CF-106D (classroom faucet), and 22-ARS-03-CF-107C (classroom faucet)** were collected on September 14, 2022.

The results of two (2) retest water samples: **22-ARS-03-CF-115C (classroom faucet) and 22-ARS-03-CF-106D (classroom faucet)** *were below the EPA lead in drinking water action level of 15 ppb.*

The results of two (2) retest water samples: **22-ARS-03-CF-106C (classroom faucet)** and **22-ARS-03-CF-107C (classroom faucet)** were above the EPA lead in drinking water action level of 15 ppb. These two fixtures were taken out of service or posted with “Handwash Only” signage.

#### **Beechwood PreK-5:**

At Pittsburgh Beechwood PreK-5, a total of 68 water samples were collected from 36 drinking water and cooking use fixtures and faucets. **The result of one (1) water sample collected: 22-BEE-BS-CF-05B (classroom faucet), indicated a lead concentration above the lead in drinking water action level of 15 ppb.**

Two (2) retest water samples: **22-BEE-BS-CF-05C (classroom faucet)** and **22-BEE-BS-CF-05D (classroom faucet)** were collected on May 4, 2022.

The results of two (2) retest water samples: **22-BEE-BS-CF-05C (classroom faucet)** and **22-BEE-BS-CF-05D (classroom faucet)** were below the EPA lead in drinking water action level of 15 ppb.

#### **Brashear High School/South Hills 6-8:**

No water retesting was required.

#### **CAPA 6-12:**

No water retesting was required.

#### **Carmalt PreK-8:**

At Pittsburgh Carmalt PreK-8, a total of 81 water samples were collected from 41 drinking water and cooking use fixtures and faucets. **The result of one (1) water sample collected: 22-CAR-02-TF-92A (teacher’s lounge faucet) indicated a lead concentration above the lead in drinking water action level of 15 ppb.**



One (1) retest water sample: **22-CAR-02-TF-92C (teacher's lounge faucet)** was collected on May 27, 2022.

The result of one (1) retest water sample: **22-CAR-02-TF-92C (teacher's lounge faucet)** *was below the EPA lead in drinking water action level of 15 ppb.*

#### **Colfax K-8:**

At Pittsburgh Colfax K-8, a total of 100 samples were collected from 51 drinking water and cooking use fixtures and faucets. **The results of ten (10) water samples collected: 22-COL-BS-CF-01A (classroom faucet), 22-COL-BS-CF-16A (classroom faucet), 22-COL-01-CF-20A (classroom faucet), and 22-COL-01-CF-20B (classroom faucet), 22-COL-01-CF-41A (classroom faucet), 22-COL-01-CF-42A (classroom faucet), 22-COL-02-CF-59A (classroom faucet), 22-COL-02-CF-60A (classroom faucet), 22-COL-02-CF-81B (classroom faucet), and 22-COL-03-CF-99A (classroom faucet)** indicated lead concentrations above the lead in drinking water action level of 15 ppb.

Eleven (11) water retest samples: **22-COL-BS-CF-01A (classroom faucet), 22-COL-BS-CF-16A (classroom faucet), 22-COL-01-CF-20A (classroom faucet), and 22-COL-01-CF-20B (classroom faucet), 22-COL-01-CF-41A (classroom faucet), 22-COL-01-CF-42A (classroom faucet), 22-COL-02-CF-59A (classroom faucet), 22-COL-02-CF-60A (classroom faucet), 22-COL-02-CF-81A (classroom faucet), 22-COL-02-CF-81B (classroom faucet), and 22-COL-03-CF-99A (classroom faucet)** were collected on September 29, 2022.

The results of eleven (11) water retest samples: **22-COL-BS-CF-01A (classroom faucet), 22-COL-BS-CF-16A (classroom faucet), 22-COL-01-CF-20A (classroom faucet), and 22-COL-01-CF-20B (classroom faucet), 22-COL-01-CF-41A (classroom faucet), 22-COL-01-CF-42A (classroom faucet), 22-COL-02-CF-59A (classroom faucet), 22-COL-02-CF-60A (classroom faucet), 22-COL-02-CF-81A (classroom faucet), 22-COL-02-CF-81B (classroom faucet), and 22-COL-03-CF-99A (classroom faucet)** *were below the EPA lead in drinking water action level of 15 ppb.*

### Concord PreK-5:

At Pittsburgh Concord PreK-5, a total of 70 samples were collected from 36 drinking water and cooking use fixtures and faucets. **The result of one (1) water sample collected: 22-CON-02-CF-85A (classroom faucet), indicated a lead concentration above the lead in drinking water action level of 15 ppb.**

One (1) drinking water and cooking use fixture: **CON-02-CF-85 (classroom faucet)** was taken out of service or posted with **“Handwash Only”** signage.

### Conroy:

At Conroy Education Center, a total of 80 samples were collected from 41 drinking water and cooking use fixtures and faucets. **The results of three (3) water samples collected: 22-CNY-03-CF-100A (classroom faucet), 22-CNY-GF-WO-122A (water fountain), and 22-CNY-GF-WO-123A (water fountain) indicated lead concentrations above the lead in drinking water action level of 15 ppb.**

The two (2) drinking water fountains: **CNY-GF-WO-122 (water fountain), and CNY-GF-WO-123 (water fountain)** were taken out of service or posted with **“Handwash Only”** signage.

One (1) retest water sample: **22-CNY-03-CF-100C (classroom faucet)** was collected on June 9, 2022.

The result of one (1) water retest sample: **22-CNY-03-CF-100C (classroom faucet) was above the EPA lead in drinking water action level of 15 ppb.**

One (1) follow-up retest water sample: **22-CNY-03-CF-100E (classroom faucet)** was collected on August 17, 2022.

The result of one (1) follow-up retest water sample: **22-CNY-03-CF-100E (classroom faucet) was above the EPA lead in drinking water action level of 15 ppb.** The fixture was taken out of service or posted with **“Handwash Only”** signage.

### Dilworth PreK-5:

No water retesting was required.

### Fulton PreK-5:

At Pittsburgh Fulton PreK-5, a total of 38 samples were collected from 20 drinking water and cooking use fixtures and faucets. **The results of three (3) water samples collected: 22-FUL-BS-MS-03A (miscellaneous sink), 22-FUL-BS-MS-03B (miscellaneous sink), and 22-FUL-02-CF-40A (classroom faucet), indicated lead concentrations above the lead in drinking water action level of 15 ppb.**

One (1) drinking water and cooking use fixture: **FUL-BS-MS-03** was taken out of service or posted with “**Handwash Only**” signage.

One (1) retest water sample: **22-FUL-02-CF-40A (classroom faucet)** was collected on July 8, 2022.

The result of one (1) retest water sample: **22-FUL-02-CF-40A (classroom faucet)** was **above the EPA lead in drinking water action level of 15 ppb.** The fixture was taken out of service or posted with “**Handwash Only**” signage.

### Grandview K-5:

At Pittsburgh Grandview K-5, a total of 58 samples were collected from 30 drinking water and cooking use fixtures and faucets. **The results of six (6) water samples collected: 22-GRD-01-CF-22A (classroom faucet), 22-GRD-01-CF-25A (classroom faucet), 22-GRD-01-CF-33A (classroom faucet), 22-GRD-01-CF-43A (classroom faucet), 22-GRD-01-CF-50A (classroom faucet), and 22-GRD-02-CF-77A (classroom faucet) indicated lead concentrations above the lead in drinking water action level of 15 ppb.**

Six (6) retest water samples: **22-GRD-01-CF-22A (classroom faucet), 22-GRD-01-CF-25A (classroom faucet), 22-GRD-01-CF-33A (classroom faucet), 22-GRD-01-CF-43A (classroom faucet), 22-GRD-01-CF-50A (classroom faucet), and 22-GRD-02-CF-77A (classroom faucet)** were collected September 16, 2022.

The result of four (4) water samples: **22-GRD-01-CF-25A (classroom faucet), 22-GRD-01-CF-33A (classroom faucet), 22-GRD-01-CF-43A (classroom faucet), and 22-GRD-02-CF-77A (classroom faucet)** were *below the EPA lead in drinking water action level of 15 ppb.*

The results of two (2) water samples: **22-GRD-01-CF-22A (classroom faucet), and 22-GRD-01-CF-50A (classroom faucet)** were above the EPA lead in drinking water action level of 15 ppb. These two fixtures were taken out of service or posted with “Handwash Only” signage.

#### **Greenway (Classical-Gifted Center):**

At Greenway Classical Gifted Center, a total of 138 samples were collected from 70 drinking water and cooking use fixtures and faucets. **The results of three (3) water samples collected: 22-GNW-2.4-CF-78A (classroom faucet), 22-GNW-2.4-CF-78B (classroom faucet), and 22-GNW-1.1-CF-135B (classroom faucet)** indicated lead concentrations above the lead in drinking water action level of 15 ppb.

Three (3) retest water samples: **22-GNW-2.4-CF-78A (classroom faucet), 22-GNW-2.4-CF-78B (classroom faucet), and 22-GNW-1.1-CF-135B (classroom faucet)** were collected on September 30, 2022.

The result of three (3) retest water samples: **22-GNW-2.4-CF-78A (classroom faucet), 22-GNW-1.1-CF-135A (classroom faucet), and 22-GNW-1.1-CF-135B (classroom faucet)** were *below the EPA lead in drinking water action level of 15 ppb.*

#### **Langley Field House:**

No water retesting was required.

### Liberty K-5:

No water retesting was required.

### Mifflin PreK-8:

At Pittsburgh Mifflin PreK-8, a total of 84 samples were collected from 43 drinking water and cooking use fixtures and faucets. **The results of three (3) water samples collected: 22-MIF-GF-CF-14A (classroom faucet), 22-MIF-01-CF-88A (classroom faucet), and 22-MIF-01-CF-88B (classroom faucet) indicated lead concentrations above the lead in drinking water action level of 15 ppb.**

Three (3) retest water samples: **22-MIF-GF-CF-14A (classroom faucet), 22-MIF-01-CF-88A (classroom faucet), and 22-MIF-01-CF-88B (classroom faucet)** were collected June 15, 2022

The result of one (1) retest water sample: **22-MIF-01-CF-88B (classroom faucet) was below the EPA lead in drinking water action level of 15 ppb.**

The result of two (2) retest water sample: **22-MIF-GF-CF-14A (classroom faucet) and 22-MIF-01-CF-88A (classroom faucet) were above the EPA lead in drinking water action level of 15 ppb.**

One (1) drinking water or cooking use fixture: **MIF-GF-CF-14 (classroom faucet)** was taken out of service or posted with “**Handwash Only**” signage.

One (1) follow-up retest water sample: **22-MIF-01-CF-88A (classroom faucet)** was collected August 16, 2022.

The result of one (1) follow-up retest water sample: **22-MIF-01-CF-88A (classroom faucet) was above the EPA lead in drinking water action level of 15 ppb.** The fixture was taken out of service or posted with “**Handwash Only**” signage.

### Minadeo PreK-5:

No water retesting was required.

### Obama 6-12, ECC:

At Pittsburgh Obama 6-12, ECC, a total of 157 samples were collected from 80 drinking water and cooking use fixtures and faucets. **The results of nine (9) water samples collected: 22-OBA-GF-CF-11A (classroom faucet), 22-OBA-01-OF-51A (office sink faucet), 22-OBA-01-HF-63A (home economics faucet), 22-OBA-01-HF-66A (home economics faucet), 22-OBA-01-KF-76A (kitchen faucet), 22-OBA-01-CF-111A (classroom faucet), 22-OBA-01-KF-112A (kitchen faucet), 22-OBA-02-CF-119A (classroom faucet), and 22-OBA-03-CF-193A (classroom faucet) indicated lead concentrations above the lead in drinking water action level of 15 ppb.**

Nine (9) retest water samples: **22-OBA-GF-CF-11A (classroom faucet), 22-OBA-01-OF-51A (office sink faucet), 22-OBA-01-HF-63A (home economics faucet), 22-OBA-01-HF-66A (home economics faucet), 22-OBA-01-KF-76A (kitchen faucet), 22-OBA-01-CF-111A (classroom faucet), 22-OBA-01-KF-112A (kitchen faucet), 22-OBA-02-CF-119A (classroom faucet), and 22-OBA-03-CF-193A (classroom faucet)** were collected April 28, 2022.

The results of six (6) retest water samples: **22-OBA-GF-CF-11A (classroom faucet), 22-OBA-01-OF-51A (office sink faucet), 22-OBA-01-HF-63A (home economics faucet), 22-OBA-01-KF-76A (kitchen faucet), 22-OBA-01-CF-111A (classroom faucet), and 22-OBA-03-CF-193A (classroom faucet)** were *below the EPA lead in drinking water action level of 15 ppb.*

The results of three (3) retest water samples: **22-OBA-01-HF-66A (home economics faucet), 22-OBA-01-KF-112A (kitchen faucet), 22-OBA-02-CF-119A (classroom faucet)** were above the EPA lead in drinking water action level of 15 ppb. These three fixtures were taken out of service or posted with “Handwash Only” signage.

### Oliver Field House:

No water retesting was required.

### Oliver Citywide Academy:

At Pittsburgh Oliver, a total of 128 samples were collected from 65 drinking water and cooking use fixtures and faucets. **The results of six (6) water samples collected: 22-OLI-BS-MS-15A (miscellaneous sink), 22-OLI-GF-CF-41A (classroom faucet), 22-OLI-GF-CF-41B (classroom faucet), 22-OLI-GF-OF-122A (office sink), 22-OLI-01-CF-130A (classroom faucet), and 22-OLI-GF-KF-128A (kitchen faucet), indicated lead concentrations above the lead in drinking water action level of 15 ppb.**

Six (6) retest water samples: **22-OLI-BS-MS-15A (miscellaneous sink), 22-OLI-GF-CF-41A (classroom faucet), 22-OLI-GF-CF-41B (classroom faucet), 22-OLI-GF-OF-122A (office faucet), 22-OLI-GF-CF-130A (classroom faucet), and 22-OLI-GF-KF-128A (kitchen faucet)** were collected September 15, 2022.

The results of five (5) retest water samples: **22-OLI-BS-MS-15A (miscellaneous sink), 22-OLI-GF-CF-41A (classroom faucet), 22-OLI-GF-CF-41B (classroom faucet), 22-OLI-GF-CF-130A (classroom faucet), and 22-OLI-GF-KF-128A (kitchen faucet)** were *below the EPA lead in drinking water action level of 15 ppb.*

The result of one (1) retest water sample: **22-OLI-GF-OF-122A** was above the EPA lead in drinking water action level of 15 ppb. The fixture was taken out of service or posted with “**Handwash Only**” signage.

### Phillips K-5:

No water retesting was required.

### Roosevelt Pre K-1:

No water retesting was required.

### Schiller 6-8:

At Pittsburgh Schiller 6-8, a total of 42 water samples were collected from 22 drinking water and cooking use fixtures and faucets. **The result of one (1) water sample collected: 22-SCH-01-OF-46A (office sink faucet), indicated a lead concentration above the lead in drinking water action level of 15 ppb.**

One (1) retest water sample: **22-SCH-01-OF-46A (office sink faucet)** was collected July 22, 2022.

The result of one (1) retest water sample: **22-SCH-01-OF-46A (office sink faucet) was below the EPA lead in drinking water action level of 15 ppb**

### Spring Garden ECC:

At Pittsburgh Spring Garden ECC, a total of 36 samples were collected from 19 drinking water and cooking use fixtures and faucets. **The result of one (1) water sample collected: 22-SPG-01-CF-35A (classroom faucet), indicated a lead concentration above the lead in drinking water action level of 15 ppb.**

One (1) retest water sample: **22-SPG-01-CF-35A (classroom faucet)** was collected on May 4, 2022.

The result of one (1) water sample: **22-SPG-01-CF-35A (classroom faucet) was below the EPA lead in drinking water action level of 15 ppb.**

### Spring Hill K-5:

At Pittsburgh Spring Hill K-5, a total of 36 samples were collected from 19 drinking water and cooking use fixtures and faucets. **The result of one (1) water sample collected: 22-SRG-02-CF-35A (classroom faucet), indicated a lead concentration above the lead in drinking water action level of 15 ppb.**



One (1) retest water sample: **22-SRG-02-CF-35C (classroom faucet)** was collected July 8, 2022.

The result of one (1) retest water sample: **22-SRG-02-CF-35C (classroom faucet)** was *below the EPA lead in drinking water action level of 15 ppb.*

#### **Student Achievement Center:**

At Pittsburgh Student Achievement Center, a total of 48 water samples were collected from 25 drinking water and cooking use fixtures and faucets. **The results of three (3) water samples collected: 22-SAC-02-CF-36A (classroom faucet), 22-SAC-02-CF-40A (classroom faucet), and 22-SAC-03-WC-54B (water fountain)** indicated lead concentrations above the lead in drinking water action level of 15 ppb.

One (1) drinking water or cooking use fixture: **SAC-02-CF-40** was taken out of service or posted with “**Handwash Only**” signage.

Two (2) retest water samples: **22-SAC-02-CF-36A (classroom faucet)** and **22-SAC-03-WC-54B (water fountain)** were collected on July 7, 2022.

The results of one (1) water sample: **22-SAC-03-WC-54D (water fountain)** was *below the EPA lead in drinking water action level of 15 ppb.*

The result of one (1) water sample: **22-SAC-02-CF-36C (classroom faucet)** was above the EPA lead in drinking water action level of 15 ppb.

One (1) follow-up retest water sample: **22-SAC-02-CF-36E (classroom faucet)** was collected September 23, 2022.

The result of one (1) follow-up retest water sample: **22-SAC-02-CF-36E (classroom faucet)** was *below the EPA lead in drinking water action level of 15 ppb.*

### Westwood PreK-5:

At Pittsburgh Westwood PreK-5, a total of 62 samples were collected from 32 drinking water and cooking use fixtures and faucets. **The result of one (1) water sample collected: 22-WWD-GF-CF-13A (classroom faucet), indicated a lead concentration above the lead in drinking water action level of 15 ppb.**

One (1) retest water sample: **22-WWD-GF-CF-13A (classroom faucet)** was collected May 13, 2022.

The result of one (1) retest water sample: **22-WWD-GF-CF-13A (classroom faucet) was below the EPA lead in drinking water action level of 15 ppb.**

### Whittier K-5:

At Pittsburgh Whittier K-5, a total of 48 samples were collected from 25 drinking water and cooking use fixtures and faucets. **The results of two (2) water samples collected: 22-WHI-01-CF-29A (classroom faucet), and 22-WHI-01-CF-30A (classroom faucet), indicated lead concentrations above the lead in drinking water action level of 15 ppb.**

Two (2) retest water samples: **22-WHI-01-CF-29A (classroom faucet), and 22-WHI-01-CF-30A (classroom faucet)** were collected July 7, 2022.

The result of one (1) retest water sample: **22-WHI-01-CF-29A (classroom faucet) was below the EPA lead in drinking water action level of 15 ppb.**

The result of one (1) retest water sample: **22-WHI-01-CF-30A (classroom faucet) was above the EPA lead in drinking water action level of 15 ppb.** The fixture was taken out of service or posted with “**Handwash Only**” signage.

**Woolslair K-5:**

At Pittsburgh Woolslair K-5 a total of 54 water samples were collected from 28 drinking water and cooking use fixtures and faucets. **The result of one (1) water sample collected: 22-WOL-02-CF-34A (classroom faucet), indicated a lead concentration above the lead in drinking water action level of 15 ppb.**

One (1) retest water sample: **22-WOL-02-CF-34A (classroom faucet)** was collected May 27, 2022.

The result of one (1) retest water sample: **22-WOL-02-CF-34A (classroom faucet) was below the EPA lead in drinking water action level of 15 ppb.**

#### 4. BUILDING SUMMARY OF NUMBERS OF FIXTURES AND WATER SAMPLES RETESTED

Below is a table listing each school retested, building, the total number of the fixtures retested, the number of retest water samples collected, and results above 15 ppb.

Retesting Date Sampled	School/Building	Total Number of Fixtures Retested	Number of Samples Retested	Retest samples above 15 ppb
8/20/2022	Administration Building	4	5	2
5/13/2022	Allderdice Field House	1	2	0
4/27/2022	Allderdice High School	4	4	0
9/15/2022 & 11/3/2022	Allegheny Annex	1	3	0
9/14/2022	Arsenal PreK-5/6-8	3	4	2
5/4/2022	Beechwood PreK-5	1	2	0
5/27/2022	Carmalt PreK-8	1	1	0
9/29/2022	Colfax K-8	9	11	0
6/9/2022 & 8/17/2022	Conroy	1	2	1
7/8/2022	Fulton PreK-5	1	1	1
9/16/2022	Grandview K-5	6	6	2
9/30/2022	Greenway Classical-Gifted	2	3	0
6/15/2022 & 8/16/2022	Mifflin PreK-8	2	4	2
4/28/2022	Obama 6-12, ECC	9	9	3
9/15/22	Oliver	5	6	1
7/22/2022	Schiller 6-8	1	1	0
5/6/2022	Spring Garden ECC	1	1	0
7/8/2022	Spring Hill K-5	1	1	0
7/7/2022 & 9/23/2022	Student Achievement Center	2	3	0
5/13/2022	Westwood PreK-5	1	1	0
7/7/2022	Whittier K-5	2	2	1
5/27/2022	Woolslair K-5	1	1	0

In the 22 schools/buildings re-tested; a total of 73 water samples were collected from 59 drinking water and cooking use fixtures and faucets.

The results of the water sample retesting indicate that **15 fixtures** retested continued to exhibit elevated lead concentrations above 15 ppb. The Administration Building comprised **2** of the fixtures with elevated lead concentrations; **8** school buildings had a total of **13** fixtures with elevated lead concentrations above 15 ppb; **13** school buildings retested indicated no lead levels above 15 ppb.

Based on water sample testing, our professional opinion is that the sources of the elevated lead concentrations exceeding 15 ppb can be attributed to several key factors such as the lack of routine fixture use, fixtures not routinely cleaned, and/or older outdated fixtures. All 15 of the fixtures with lead concentrations above 15 ppb were either taken out of service or posted with “**Handwash Only**” signage.

## 5. RECOMMENDATIONS

Skelly and Loy recommend that Pittsburgh Public Schools follow good drinking water practices and follows the guidelines established in the EPA’s “Lead in Drinking Water in Schools and Non-Residential Buildings, EPA 812-B-94-002,” April 1994 and “3Ts for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance,” October 2018.

Based on the results of this retest water sampling report, our recommendations, related to these fixtures, are as follows:

1. All fixtures, with lead concentrations at or above the recommended action limit of 15 ppb, are to be immediately shut off from use by the District. Replace these fixtures when feasible.
2. Post “**Handwash Only**” signage stating that the non-filtered fixtures are to be used for only as a “non-drinking water source.”

Each school building will have its own unique short term and long control term measures to continue good drinking water practices. Some basic practices are as listed below:

**Flush the pipes:** Let the water run to bring in fresh water that has not been standing in the pipes. Do this over a night or weekend. Flushing times can vary based on the plumbing configuration. Recommendations for flushing the pipe should follow the directions provided by EPA's "Lead in Drinking Water in Schools and Non-Residential Buildings, EPA 812-B-94-002," April 1994 and "3Ts for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance," October 2018.

**Cleaning of Aerators:** Generate an aerator (screen) cleaning maintenance schedule that implements cleaning of any debris from all accessible aerators on a routine basis. Design replacement of aerators and installation new fixtures to improve water quality.

**Flush water before drinking:** Instruct the students and staff to run the water before drinking for a set amount of time before using. Also, the flushing of the water plumbing system should be implemented for any duration of longer than five days without normal water usage in the school to aide in the removal of any stagnant water in the school building.

#### **REPORT DISCLAIMER:**

This Skelly and Loy report is based on information supplied by the client, occupants, and on conditions readily observable or measurable on the date or dates of this study. The results and recommendations presented herein should not be relied upon exclusively for the prevention of all possible illnesses, injuries, or losses. These services are a supplement to, and not a substitute for, the client's responsibility for protecting the health and safety of the occupants of the facility, and others, and for complying with applicable laws and regulations.

This report and the associated attachments and appendices have been produced and developed for, and at the request of, Pittsburgh Board of Public Education. This report conveys the findings of Skelly and Loy as of the date(s) noted herein. This report is intended for the exclusive use of Pittsburgh Board of Public Education, including its management, officers, and the School Board.

**APPENDIX A**  
**DRINKING WATER RESULTS TABLES**

**Administration Building**



Lead in Drinking Water Sample Results  
Drinking Water Quality Initiative 2022

School: Pittsburgh Administration Building

Address: 341 S. Bellefield Ave., Pittsburgh, PA, 15213

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	Retest First Draw (fixture assembly) (C)	Retest First Draw Lead Concentration (ppb)	Retest Second Draw (plumbing) (D)	Retest Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	Retest First Draw (fixture assembly) (C)	Retest First Draw Lead Concentration (ppb)	Retest Second Draw (plumbing) (D)	Retest Second Draw Lead Concentration (ppb)
22-ADM-02-WB-39	WB	Water fountain bubbler (Ceramic or Porcelain)	Corridor	7/9/2022	8:10	F	17.4	P	5.65	8/20/2022	08:54	P	10.9	N/A	N/A
22-ADM-02-WO-49	WO	Water fountain without cooler	Corridor	7/9/2022	8:22	F	42.3	P	6.47	8/20/2022	08:57	F	22.5	N/A	N/A
22-ADM-02-OF-50	OF	Office sink faucets	208	8/20/2022	8:30	F	31.2	P	10.3	N/A	N/A	N/A	N/A	N/A	N/A
22-ADM-02-OF-51	OF	Office sink faucets	207	7/9/2022	8:24	F	67.6	F	47.1	8/20/2022	08:59	F	22.8	P	14.9
22-ADM-04-OF-69	OF	Office sink faucets	460	7/9/2022	8:58	F	15.2	P	2.7	8/20/2022	09:04	P	11.8	N/A	N/A

P- Passed water sample results  
F - Failed water sample result  
N/A - Not Applicable

**Allderdice Field House**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Allderdice Field House

Address: 2409 Shady Avenue, Pittsburgh, PA, 15217

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-AFH-01-MS-08	MS	Miscellaneous Fixture	Men's Locker Room	4/12/2022	7:56	F	47.00	P	3.14	N/A	N/A	N/A	N/A	N/A	N/A
22-AFH-01-MS-10	MS	Miscellaneous Fixture	Men's Locker Room	N/A	N/A	N/A	N/A	N/A	N/A	5/13/2022	08:03	P	3.14	P	1.63

P - Passed water sample result

F - Failed water sample result

N/A - Not Applicable

**Allderdice High School**

Lead in Drinking Water Sample Results - Re-Test  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Allerdice High School

Address: 2409 Shady Avenue, Pittsburgh, PA, 15217

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (C)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (D)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (C)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (D)	Second Draw Lead Concentration (ppb)
22-ALD-01-OF-29	OF	Office sink faucets	176	4/12/2022	9:31	F	25.2	P	< 1.00	4/27/2022	6:11	P	13.8	N/A	N/A
22-ALD-01-WB-48	WB	Water Bubbler	118	4/12/2022	10:03	F	24.9	P	4.78	N/A	N/A	N/A	N/A	N/A	N/A
22-ALD-01-CF-51	CF	Classroom faucets	127	4/12/2022	10:07	F	56.6	P	2.98	4/27/2022	6:16	P	8.68	N/A	N/A
22-ALD-02-WO-122	WO	Water fountain without cooler	Hallway	4/12/2022	11:59	F	18.2	P	13.9	N/A	N/A	N/A	N/A	N/A	N/A
22-ALD-03-WO-141	WO	Water fountain without cooler	300	4/12/2022	11:51	F	15.9	P	1.9	N/A	N/A	N/A	N/A	N/A	N/A
22-ALD-03-CF-148	CF	Classroom faucets	301	4/12/2022	11:58	F	15.5	P	1.97	4/27/2022	6:22	P	9.43	N/A	N/A
22-ALD-04-HF-296	HF	Home economics faucets (with cooking)	418	4/12/2022	13:02	F	17.3	P	4.17	4/27/2022	6:26	P	4.92	N/A	N/A

P- Passed water sample results

F - Failed water sample result

N/A - Not Applicable

**Allegheny Annex**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Allegheny Annex

Address: 811 Arch Street Pittsburgh, PA 15212

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-ALX-03-CF-22	CF	Classroom faucets	358	8/25/2022	09:42	F	51.5	P	7.27	9/15/2022	7:30	P	10.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22-ALX-02-CF-33	CF	Classroom Faucets	256	8/25/2022	09:38	F	42.4	F	26.2	9/15/2022	7:26	F	30.4	P	4.07	11/2/2022	6:58	P	2.98	N/A	N/A

P - Passed water sample result  
 F - Failed water sample result  
 N/A - Not Applicable

**Arsenal Pre-K-5, 6-8**



Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Arsenal Pre K-5/6-8

Address: 215 39th Street, Pittsburgh, PA 15201

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-ARS-03-CF-115	CF	Classroom faucets	312	6/22/2022	9:42	F	20.3	P	2.21	9/14/2022	07:13	P	14.9	N/A	N/A
22-ARS-03-CF-106	CF	Classroom faucets	301	6/22/2022	9:37	F	36.3	F	22.8	9/14/2022	07:15	F	17	P	8.08
22-ARS-03-CF-107	CF	Classroom faucets	301	6/22/2022	9:38	F	41.4	P	12.9	9/14/2022	07:16	F	24.4	N/A	N/A

P - Passed water sample result

F - Failed water sample result

N/A - Not Applicable

**Beechwood PreK-5**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Beechwood Pre K-5

Address: 810 Rockland Avenue Pittsburgh, PA 15216

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly)	First Draw Lead Concentration (ppb)	Second Draw (plumbing)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly)	First Draw Lead Concentration (ppb)	Second Draw (plumbing)	Second Draw Lead Concentration (ppb)
22-BEE-BS-CF-05	CF	Classroom faucets	14	4/21/2022	07:04	P	8.37	F	18.7	5/4/2022	07:50	P	6.12	P	2.48

P - Passed water sample result  
 F - Failed water sample result  
 N/A - Not Applicable

**Carmalt PreK-8**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Carmalt Pre K - 8

Address: 1550 Breining Street, Pittsburgh, PA 15226

Fixture ID	Fixture Symbol	Fixture Type	Sample Date	Sample Time	First Draw (fixture assembly)	First Draw Lead Concentration (ppb)	Second Draw (plumbing)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly)	First Draw Lead Concentration (ppb)	Second Draw (plumbing)	Second Draw Lead Concentration (ppb)
22-CAR-02-TF-92	TF	Teacher's lounge sinks	5/10/2022	7:56	F	108	P	< 1.00	5/27/2022	6:10	P	<1.00	N/A	N/A

P - Passed water sample result

F - Failed water sample result

N/A - Not Applicable

**Colfax K-8**

Lead in Drinking Water Sample Results  
Drinking Water Quality Initiative 2022

School: Colfax K-8

Address: 2332 Beechwood Blvd., Pittsburgh, PA 15217

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-COL-BS-CF-01	CF	Classroom faucets	6	8/9/2022	8:14	F	15.1	P	11.5	9/29/2022	6:42	P	9.33	N/A	N/A
22-COL-BS-CF-16	CF	Classroom faucets	16	8/9/2022	8:52	F	20.3	P	1.1	9/29/2022	6:46	P	6.32	N/A	N/A
22-COL-01-CF-20	CF	Classroom faucets	103	8/9/2022	9:18	F	468	F	23.8	9/29/2022	6:53	P	3.75	P	1.26
22-COL-01-CF-41	CF	Classroom faucets	113A	8/9/2022	9:30	F	16.5	P	< 1.00	9/29/2022	6:53	P	4.32	N/A	N/A
22-COL-01-CF-42	CF	Classroom faucets	110A	8/9/2022	9:32	F	17.1	P	< 1.00	9/29/2022	6:58	P	4.97	N/A	N/A
22-COL-02-CF-59	CF	Classroom faucets	204A	8/9/2022	9:45	F	20.8	P	1.67	9/29/2022	7:04	P	7.42	N/A	N/A
22-COL-02-CF-60	CF	Classroom faucets	205A	8/9/2022	9:46	F	23.3	P	1.92	9/29/2022	7:05	P	5.84	N/A	N/A
22-COL-02-CF-81	CF	Classroom faucets	212A	8/9/2022	10:19	P	7.52	F	137	9/29/2022	7:07	P	4.22	P	<1.0
22-COL-03-CF-99	CF	Classroom faucets	301	8/9/2022	10:25	F	134	P	8.07	9/29/2022	7:08	P	8.37	N/A	N/A

P - Passed water sample result  
F - Failed water sample result  
N/A - Not Applicable

**Concord PreK-5**



Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Concord Pre K-5

Address: 2350 Brownsville Road, Pittsburgh, PA 15210

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-CON-02-CF-85	CF	Classroom faucets	Media Cntr Storage	5/5/2022	7:30	F	26.9	P	< 1.00	N/A	N/A	N/A	N/A	N/A	N/A

P - Passed water sample result

F - Failed water sample result

N/A - Not Applicable

**Conroy**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Conroy

Address: 1398 Page St., Pittsburgh, PA 15233

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-CNY-03-CF-100	CF	Classroom faucets	307A	5/17/2022	07:51	F	30.6	P	3.12	6/9/2022	06:05	F	371	N/A	N/A	8/17/2022	08:16	F	25.8	N/A	N/A
22-CNY-GF-WO-122	WO	Water fountain without cooler	Corridor 10	5/17/2022	06:38	F	30.8	P	9.61	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22-CNY-GF-WO-123	WO	Water fountain without cooler	Corridor 10	5/17/2022	06:39	F	15.6	P	4.83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

P - Passed water sample result  
 F - Failed water sample result  
 N/A - Not Applicable

**Fulton PreK-5**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Fulton Pre K-5

Address: 5799 Hampton Street Pittsburgh, PA 15206

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-FUL-BS-MS-03	MS	Miscellaneous sinks	8	5/26/2022	6:54	F	22.1	F	24.4	N/A	N/A	N/A	N/A	N/A	N/A
22-FUL-02-CF-40	CF	Classroom faucets	203	5/26/2022	7:13	F	16.7	P	8.43	7/8/2022	07:13	F	23.5	N/A	N/A

P - Passed water sample result

F - Failed water sample result

N/A - Not Applicable

**Grandview K-5**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Grandview

Address: 845 McLain Street, Pittsburgh, PA 15210

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly)	First Draw Lead Concentration (ppb)	Second Draw (plumbing)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly)	First Draw Lead Concentration (ppb)	Second Draw (plumbing)	Second Draw Lead Concentration (ppb)
22-GRD-01-CF-22	CF	Classroom faucets	104	8/24/2022	08:51	F	46.5	P	12.5	9/16/2022	7:05	F	135	N/A	N/A
22-GRD-01-CF-25	CF	Classroom faucets	104	8/24/2022	08:47	F	27.6	P	< 1.00	9/16/2022	7:06	P	1.64	N/A	N/A
22-GRD-01-CF-33	CF	Classroom faucets	101	8/24/2022	08:58	F	35.6	P	4.77	9/16/2022	7:11	P	4.64	N/A	N/A
22-GRD-01-CF-43	CF	Classroom faucets	107B	8/24/2022	09:08	F	31.8	P	2.65	9/16/2022	7:13	P	10.3	N/A	N/A
22-GRD-01-CF-50	CF	Classroom faucets	111	8/24/2022	09:09	F	25	P	7.17	9/16/2022	7:15	F	21.9	N/A	N/A
22-GRD-02-CF-77	CF	Classroom faucets	213	8/24/2022	0920	F	21	P	6.67	9/16/2022	7:18	P	8.39	N/A	N/A

P - Passed water sample result  
 F - Failed water sample result  
 N/A - Not Applicable

**Greenway (Classical-Gifted Center)**



Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Greenway Classical-Gifted Center

Address: 1400 Crucible Street Pittsburgh, PA 15205

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly)	First Draw Lead Concentration (ppb)	Second Draw (plumbing)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly)	First Draw Lead Concentration (ppb)	Second Draw (plumbing)	Second Draw Lead Concentration (ppb)
22-GNW-2.4-CF-78	CF	Classroom faucets	2.417	6/30/2022	8:50	F	153	F	69.7	9/30/2022	07:08	P	4.0	N/A	N/A
22-GNW-1.1-CF-135	CF	Classroom faucets	1.140	6/30/2022	10:32	P	5.28	F	17.1	9/30/2022	07:17	P	<1.0	P	<1.0

P - Passed water sample result

F - Failed water sample result

N/A - Not Applicable

**Mifflin PreK-8**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Mifflin Pre K - 8

Address: 1290 Mifflin Road, Pittsburgh, PA , 15207

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	
22-MIF-GF-CF-14	CF	Classroom faucets	35	6/1/2022	06:33	F	38.8	P	3.99	6/15/2022	6:57	F	28.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22-MIF-01-CF-88	CF	Classroom faucets	101B	6/1/2022	7:16	F	18.2	F	18.0	6/15/2022	7:00	F	30	P	4.61	8/16/2022	8:37	F	17.1	N/A	N/A	N/A

P - Passed water sample result  
 F - Failed water sample result  
 N/A - Not Applicable

**Obama 6-12, Early Childhood Center**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Obama

Address: 515 North Highland Ave, Pittsburgh, PA, 15206

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-OBA-GF-CF-11	CF	Classroom faucets	017	4/14/2022	8:04	F	43.9	P	< 1.00	4/28/2022	6:05	P	3.65	N/A	N/A
22-OBA-01-OF-51	OF	Office sink faucets	101A	4/14/2022	8:58	F	15.8	P	< 1.00	4/28/2022	6:10	P	3.63	N/A	N/A
22-OBA-01-HF-63	HF	Home economics faucets (with cooking)	147	4/14/2022	9:16	F	15.5	P	3.16	4/28/2022	6:13	P	2.88	N/A	N/A
22-OBA-01-HF-66	HF	Home economics faucets (with cooking)	147	4/14/2022	9:19	F	34.4	P	1.59	4/28/2022	6:15	F	21.2	N/A	N/A
22-OBA-01-KF-76	KF	Kitchen faucets	138	4/14/2022	9:50	F	15.6	P	< 1.00	4/28/2022	6:18	P	3.71	N/A	N/A
22-OBA-01-CF-111	CF	Classroom faucets	153	4/14/2022	10:37	F	19.8	P	1.29	4/28/2022	6:24	P	13.5	N/A	N/A
22-OBA-01-KF-112	KF	Kitchen faucets	138	4/14/2022	9:54	F	26.4	P	1.61	4/28/2022	6:20	F	22.3	N/A	N/A
22-OBA-02-CF-119	CF	Classroom faucets	238	4/14/2022	10:55	F	26.6	P	1.02	4/28/2022	6:27	F	20.3	N/A	N/A
22-OBA-03-CF-193	CF	Classroom faucets	305	4/14/2022	11:40	F	16.5	P	< 1.00	4/28/2002	6:41	P	8.09	N/A	N/A

P - Passed water sample result  
 F - Failed water sample result  
 N/A - Not Applicable

**Oliver**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Oliver Academy

Address: 2323 Brighton Road Pittsburgh, PA 15212

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-OLI-BS-MS-15	MS	Miscellaneous sinks	P26	8/19/2022	08:33	F	35.1	P	5.2	9/15/2022	06:23	P	12.4	N/A	N/A
22-OLI-GF-CF-41	CF	Classroom faucets	G66	8/19/2022	09:05	F	919	F	215	9/15/2022	06:36	P	12.4	P	6.15
22-OLI-GF-OF-122	OF	Office sink faucets	G58	8/19/2022	10:08	F	19.5	P	6.1	9/15/2022	06:42	F	16.9	N/A	N/A
22-OLI-01-CF-130	CF	Classroom faucets	152	8/19/2022	10:33	F	15.5	P	2.68	9/15/2022	06:48	P	6.27	N/A	N/A
22-OLI-GF-KF-128	KF	Kitchen faucets	G17	8/19/2022	10:21	F	17.7	P	< 1.00	9/15/2022	06:38	P	9.86	N/A	N/A

P - Passed water sample result  
 F - Failed water sample result  
 N/A - Not Applicable

**Schiller 6-8**



Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Schiller 6-8

Address: 1018 Peralta Street, Pittsburgh, PA

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-SCH-01-OF-46	OF	Office sink faucets	101	6/28/2022	7:34	F	16.3	P	3.36	7/22/2022	08:15	P	9.49	N/A	N/A

P - Passed water sample result  
 F - Failed water sample result  
 N/A - Not Applicable

**Spring Garden Early Childhood Center**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Spring Garden ECC

Address: 1501 Spring Garden Ave, Pittsburgh, PA 15212

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly)	First Draw Lead Concentration (ppb)	Second Draw (plumbing)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly)	First Draw Lead Concentration (ppb)	Second Draw (plumbing)	Second Draw Lead Concentration (ppb)
22-SPG-01-CF-35	CF	Classroom faucets	Demountable Classroom	4/19/2022	7:12	F	52.4	P	< 1.00	5/4/2022	9:00	P	1.28	N/A	N/A

P - Passed water sample result

F - Failed water sample result

N/A - Not Applicable

**Spring Hill K-5**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Spring Hill K-5

Address: 1351 Damas Street Pittsburgh, PA 15212

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-SRG-02-CF-35	CF	Classroom faucets	219	6/3/2022	8:59	F	107	P	12.8	7/8/2022	07:14	P	<1.0	N/A	N/A

P - Passed water sample result  
 F - Failed water sample result  
 N/A - Not Applicable

**Student Achievement Center**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Student Achievement Center

Address: 925 Brushton Ave., Pittsburgh, PA 15208

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-SAC-02-CF-36	CF	Classroom faucets	203	6/14/2022	06:42	F	15.6	P	2.18	7/7/2022	8:30	F	21.3	N/A	N/A	9/23/2022	07:20	P	3.74	N/A	N/A
22-SAC-02-CF-40	CF	Classroom faucets	210B	6/14/2022	06:45	F	137	P	4.06	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22-SAC-03-WC-54	WC	Water fountain with cooler	332	6/14/2022	06:52	F	15.6	P	10.9	7/7/2022	8:34	P	3.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

P - Passed water sample result  
 F - Failed water sample result  
 N/A - Not Applicable

**Westwood PreK-5**



Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Westwood K-5

Address: 508 Shadyhill Road Pittsburgh, PA 15205

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
WWD-GF-CF-13	CF	Classroom faucets	104	4/26/2022	6:50	F	24.1	P	9.67	5/13/2022	06:00	P	2.62	N/A	N/A

P - Passed water sample result  
 F - Failed water sample result  
 N/A - Not Applicable

**Whittier K-5**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Initiative 2022

School: Pittsburgh Whittier K-5

Address: 150 Meridan Street Pittsburgh, PA 15211

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-WHI-01-CF-29	CF	Classroom faucets	102	6/7/2022	6:38	F	19.6	P	2.75	7/7/2022	9:37	P	10.9	N/A	N/A
22-WHI-01-CF-30	CF	Classroom faucets	102	6/7/2022	6:39	F	52.0	P	13.4	7/7/2022	9:34	F	18.6	N/A	N/A

P - Passed water sample result  
 F - Failed water sample result  
 N/A - Not Applicable

**Woolslair K-5**

Lead in Drinking Water Sample Results  
 Drinking Water Quality Results 2022

School: Pittsburgh Woolslair K-5

Address: 501 40th Street Pittsburgh, PA 15224

Fixture ID	Fixture Symbol	Fixture Type	Plan Room Location	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)	Sample Date	Sample Time	First Draw (fixture assembly) (A)	First Draw Lead Concentration (ppb)	Second Draw (plumbing) (B)	Second Draw Lead Concentration (ppb)
22-WOL-02-CF-34	CF	Classroom faucets	201B	5/12/2022	07:12	F	15.2	P	2.97	5/27/2022	7:10	P	11.6	N/A	N/A

P - Passed water sample result

F - Failed water sample result

N/A - Not Applicable