

# Summary of Your Facility's Results Package

Dear Alicia Mojica,



02/09/2026

We are writing with the drinking water results at your facility. Please review the enclosed documents for important details.


**Esperanza Academy Charter School (High)**  
301 W Hunting Park Ave  
Philadelphia, PA 19140

## Highlights:

### Your facility's results and next steps:

-  13 outlets had undetectable lead levels. Follow the enclosed Routine Water Practices Plan to maintain this.
-  You should not need to replace any water outlets or additional plumbing.

### Potential sources of lead in water at your facility:

-  Lead comes from lead plumbing in buildings. Lead *does not* come from source water, treatment plants, or water mains.
  - Your facility was built in 1920, before Pennsylvania banned lead pipes and restricted lead in solder and brass.
  - We visited your facility on 12/16/2025 and looked at your *visible* plumbing to *spot check* for lead components:
    - Service line: Your service line is Non-Lead. The portion inside your facility is Other Non-Lead.
    - Building pipes: We found copper pipe. Pennsylvania banned lead pipes in 1991.
    - Solder: We did not find lead solder in our spot check. Plumbing work since 1991 must use "lead-free" solder.
    - Brass:** All water outlets and valves have brass components. Plumbing work since 2014 must use "lead-free" brass.

### Enclosed Documents:

- Results Letter:** Results and whether you should take action at an outlet to keep lead out of drinking water.
- Analytical Report:** Laboratory report to submit to the City Health Department and with any grant funding applications.
- Routine Water Practices Plan:** Specific low-to-no-cost recommendations for your facility, including a log to keep records.
- Guidance Packet:**
  - Guidance and Action Plan:** Overview of possible actions. Please talk to us about any plumbing changes.
  - Quick Guide to Eliminating Sources of Lead:** Guide to help your decision making.
  - Parent and Caregiver FAQ:** Aid to guide your communications with staff, parents, and other caregivers.

Thank you for working with us.

Sincerely,

School and Childcare Lead Testing Program

Philadelphia Water Department | Bureau of Laboratory Services

1500 E. Hunting Park Avenue, Philadelphia, PA 19124-4941

215-685-1407 | [SchoolLeadTesting@phila.gov](mailto:SchoolLeadTesting@phila.gov)

<https://water.phila.gov/lead/school-childcare>

Full results and recommendations enclosed 

# Results of Drinking Water Sampling

## Measuring the levels of lead in drinking water from fixtures at your facility

Dear **Alicia Mojica**,

02/09/2026




Thank you for testing your facility's drinking water. Samples at your facility were collected from **13 outlets**. "Outlets" refers to fixtures, such as faucets or fountains. Your samples were taken on **January 17, 2026**.

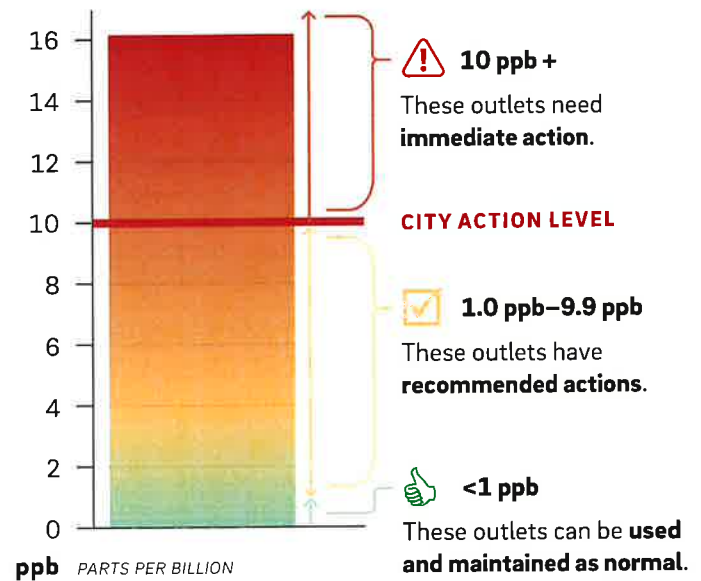
**Esperanza Academy Charter School (High)**  
301 W Hunting Park Ave  
Philadelphia, PA 19140

### How your results are measured:

Results for each outlet are measured in **parts per billion (ppb)**. The City of Philadelphia's Health Department has set the action level for lead at 10 parts per billion. If any outlet shows results of 10 ppb or higher, you should take immediate action. Because no level of lead is considered safe, we also recommend taking action even if results are lower than 10 ppb.

### Summary of your results:

-  **0 outlets showed results above 10 ppb**  
Take action at each of these locations. See the full results for location details.
-  **0 outlets showed results between 1–10 ppb**  
Lead is present, but not above the City Action Level. You should still take action. See the full results for location details.
-  **13 outlets showed results less than 1 ppb**  
At these locations, continue to use and maintain fixtures according to normal operating practices.



Thank you again for your attention to drinking water quality. By participating in this process, you've completed an essential step in locating and eliminating potential sources of lead in drinking water in schools and childcares.

Sincerely,

Dan Walls, Alexandra Rosario, and Sonya Boukengolts














Bureau of Laboratory Services  
Philadelphia Water Department  
1500 E. Hunting Park Avenue  
Philadelphia, PA 19124  
215-685-1407

Full results and locations on next page 

Results of Drinking Water Sampling (Continued)

## Full sampling results

Note: Samples are listed in the table from highest to lowest result. Some results may be reported as <1.0 ppb because 1.0 ppb is the smallest amount measured by the test.

Lead Result & Recommendation		Building	Floor	Location	Water Outlet	Sample
	<1.0 ppb Use and maintain as normal	Main	1	Room 100 and 100A	Bottle Filler	1
	<1.0 ppb Use and maintain as normal	Main	1	Room 102	Sink Faucet (Cold)	2
	<1.0 ppb Use and maintain as normal	Main	1	Hallway outside Room 104	Left Water Fountain	3
	<1.0 ppb Use and maintain as normal	Main	1	Staff Lounge	Bottle Filler	4
	<1.0 ppb Use and maintain as normal	Main	1	Nurse's Office Bathroom	Sink Faucet	5
	<1.0 ppb Use and maintain as normal	Main	1	Hallway outside Nurse's Office	Right Water Fountain	6
	<1.0 ppb Use and maintain as normal	Main	2	Hallway outside Room 201	Bottle Filler	7
	<1.0 ppb Use and maintain as normal	Main	2	Staff Lounge	Bottle Filler	8
	<1.0 ppb Use and maintain as normal	Main	2	Staff Lounge	Sink Faucet	9
	<1.0 ppb Use and maintain as normal	Main	2	Hallway outside Room 208	Water Fountain	10
	<1.0 ppb Use and maintain as normal	Main	2	Kitchen	Right Food Washing Sink Faucet (Cold)	11
	<1.0 ppb Use and maintain as normal	Main	2	Kitchen	Left Food Washing Sink Faucet (Cold)	12
	<1.0 ppb Use and maintain as normal	Main	2	Kitchen	Food Serving Area Sink Faucet (Cold)	13



Analytical Report for School and Childcare Lead Testing Program  
Philadelphia Water Department, Bureau of Laboratory Services

**Facility:** Esperanza Academy Charter School (High)  
301 W Hunting Park Ave  
Philadelphia, PA 19140

**Contact:** Alicia Mojica  
267-294-9642  
amojica@neacademy.net

**Project Number:** SS-000002

**Report Number:** BLSLC20260209SS000002

**Report Prepared:** 02/09/2026 09:23:06

**PADEP Lab ID:** 51-00016

**Lab Name:** Philadelphia Water Department Bureau of Laboratory Services

**Lab Address:** 1500 East Hunting Park Avenue  
Philadelphia, PA 19124-4941

**Authorized by:**  (signature)

Aaron Bitler (name)

Administrative Scientist (title)

Facility Sample ID	Laboratory Sample ID	Date Collected	Date Received
1	DW260121-056	2026-01-17 07:36:00	2026-01-21 07:45:00
2	DW260121-057	2026-01-17 07:38:00	2026-01-21 07:45:00
3	DW260121-058	2026-01-17 07:39:00	2026-01-21 07:45:00
4	DW260121-059	2026-01-17 07:40:00	2026-01-21 07:45:00
5	DW260121-060	2026-01-17 07:41:00	2026-01-21 07:45:00
6	DW260121-061	2026-01-17 07:42:00	2026-01-21 07:45:00
7	DW260121-062	2026-01-17 07:48:00	2026-01-21 07:45:00
8	DW260121-063	2026-01-17 07:49:00	2026-01-21 07:45:00
9	DW260121-064	2026-01-17 07:49:00	2026-01-21 07:45:00
10	DW260121-065	2026-01-17 07:50:00	2026-01-21 07:45:00
11	DW260121-066	2026-01-17 07:53:00	2026-01-21 07:45:00
12	DW260121-067	2026-01-17 07:54:00	2026-01-21 07:45:00
13	DW260121-068	2026-01-17 07:55:00	2026-01-21 07:45:00

Water Outlet Information							Sample Information	
Building:	Main						Facility Sample ID:	1
Floor:	1						Sample Type:	First Draw (Initial)
Location:	Room 100 and 100A						Date Collected:	2026-01-17 07:36:00
Water Outlet:	Bottle Filler						Date Received:	2026-01-21 07:45:00
Lab Location ID:	SS-000002-101A						Lab Sample ID:	DW260121-056
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed	
Copper	EPA 200.8 rev 5.4	0.2999	0.0050	mg/L	1		2026-01-29	
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-01-29	

Water Outlet Information							Sample Information	
Building:	Main						Facility Sample ID:	2
Floor:	1						Sample Type:	First Draw (Initial)
Location:	Room 102						Date Collected:	2026-01-17 07:38:00
Water Outlet:	Sink Faucet (Cold)						Date Received:	2026-01-21 07:45:00
Lab Location ID:	SS-000002-102						Lab Sample ID:	DW260121-057
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed	
Copper	EPA 200.8 rev 5.4	0.0896	0.0050	mg/L	1		2026-01-29	
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-01-29	

Water Outlet Information							Sample Information	
Building:	Main						Facility Sample ID:	3
Floor:	1						Sample Type:	First Draw (Initial)
Location:	Hallway outside Room 104						Date Collected:	2026-01-17 07:39:00
Water Outlet:	Left Water Fountain						Date Received:	2026-01-21 07:45:00
Lab Location ID:	SS-000002-107B						Lab Sample ID:	DW260121-058
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed	
Copper	EPA 200.8 rev 5.4	0.1879	0.0050	mg/L	1		2026-01-29	
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-01-29	

Water Outlet Information							Sample Information	
Building:	Main						Facility Sample ID:	4
Floor:	1						Sample Type:	First Draw (Initial)
Location:	Staff Lounge						Date Collected:	2026-01-17 07:40:00
Water Outlet:	Bottle Filler						Date Received:	2026-01-21 07:45:00
Lab Location ID:	SS-000002-108						Lab Sample ID:	DW260121-059
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed	
Copper	EPA 200.8 rev 5.4	<0.0050	0.0050	mg/L	1		2026-01-29	
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-01-29	

Water Outlet Information							Sample Information	
Building:	Main						Facility Sample ID:	5
Floor:	1						Sample Type:	First Draw (Initial)
Location:	Nurse's Office Bathroom						Date Collected:	2026-01-17 07:41:00
Water Outlet:	Sink Faucet						Date Received:	2026-01-21 07:45:00
Lab Location ID:	SS-000002-120						Lab Sample ID:	DW260121-060
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed	
Copper	EPA 200.8 rev 5.4	0.1268	0.0050	mg/L	1		2026-01-29	
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-01-29	

Water Outlet Information							Sample Information	
Building:	Main						Facility Sample ID:	6
Floor:	1						Sample Type:	First Draw (Initial)
Location:	Hallway outside Nurse's Office						Date Collected:	2026-01-17 07:42:00
Water Outlet:	Right Water Fountain						Date Received:	2026-01-21 07:45:00
Lab Location ID:	SS-000002-121C						Lab Sample ID:	DW260121-061
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed	
Copper	EPA 200.8 rev 5.4	0.2412	0.0050	mg/L	1		2026-01-29	
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-01-29	

Water Outlet Information				Sample Information			
Building:	Main			Facility Sample ID:	7		
Floor:	2			Sample Type:	First Draw (Initial)		
Location:	Hallway outside Room 201			Date Collected:	2026-01-17 07:48:00		
Water Outlet:	Bottle Filler			Date Received:	2026-01-21 07:45:00		
Lab Location ID:	SS-000002-202A			Lab Sample ID:	DW260121-062		
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed
Copper	EPA 200.8 rev 5.4	0.1892	0.0050	mg/L	1		2026-01-29
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-01-29

Water Outlet Information				Sample Information			
Building:	Main			Facility Sample ID:	8		
Floor:	2			Sample Type:	First Draw (Initial)		
Location:	Staff Lounge			Date Collected:	2026-01-17 07:49:00		
Water Outlet:	Bottle Filler			Date Received:	2026-01-21 07:45:00		
Lab Location ID:	SS-000002-203			Lab Sample ID:	DW260121-063		
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed
Copper	EPA 200.8 rev 5.4	<0.0050	0.0050	mg/L	1		2026-01-29
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-01-29

Water Outlet Information				Sample Information			
Building:	Main			Facility Sample ID:	9		
Floor:	2			Sample Type:	First Draw (Initial)		
Location:	Staff Lounge			Date Collected:	2026-01-17 07:49:00		
Water Outlet:	Sink Faucet			Date Received:	2026-01-21 07:45:00		
Lab Location ID:	SS-000002-204			Lab Sample ID:	DW260121-064		
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed
Copper	EPA 200.8 rev 5.4	0.1191	0.0050	mg/L	1		2026-01-29
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-01-29

Water Outlet Information				Sample Information			
Building:	Main			Facility Sample ID:	10		
Floor:	2			Sample Type:	First Draw (Initial)		
Location:	Hallway outside Room 208			Date Collected:	2026-01-17 07:50:00		
Water Outlet:	Water Fountain			Date Received:	2026-01-21 07:45:00		
Lab Location ID:	SS-000002-205B			Lab Sample ID:	DW260121-065		
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed
Copper	EPA 200.8 rev 5.4	0.1995	0.0050	mg/L	1		2026-01-29
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-01-29

Water Outlet Information				Sample Information			
Building:	Main			Facility Sample ID:	11		
Floor:	2			Sample Type:	First Draw (Initial)		
Location:	Kitchen			Date Collected:	2026-01-17 07:53:00		
Water Outlet:	Right Food Washing Sink Faucet (Cold)			Date Received:	2026-01-21 07:45:00		
Lab Location ID:	SS-000002-208			Lab Sample ID:	DW260121-066		
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed
Copper	EPA 200.8 rev 5.4	0.1431	0.0050	mg/L	1		2026-02-05
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-02-05

Water Outlet Information				Sample Information			
Building:	Main			Facility Sample ID:	12		
Floor:	2			Sample Type:	First Draw (Initial)		
Location:	Kitchen			Date Collected:	2026-01-17 07:54:00		
Water Outlet:	Left Food Washing Sink Faucet (Cold)			Date Received:	2026-01-21 07:45:00		
Lab Location ID:	SS-000002-209			Lab Sample ID:	DW260121-067		
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed
Copper	EPA 200.8 rev 5.4	0.1632	0.0050	mg/L	1		2026-02-05
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-02-05

Water Outlet Information				Sample Information			
Building:	Main	Facility Sample ID:	13	Sample Type:	First Draw (Initial)	Date Collected:	2026-01-17 07:55:00
Floor:	2	Date Received:	2026-01-21 07:45:00	Lab Sample ID:	DW260121-068		
Location:	Kitchen						
Water Outlet:	Food Serving Area Sink Faucet (Cold)						
Lab Location ID:	SS-000002-211						
Parameter	Method	Result	RL	Units	Dilution Factor	Date Prepared	Date Analyzed
Copper	EPA 200.8 rev 5.4	0.1349	0.0050	mg/L	1		2026-02-05
Lead	EPA 200.8 rev 5.4	<0.0010	0.0010	mg/L	1		2026-02-05

**Glossary**

mg/L: milligrams per liter; 0.0010 mg/L is equivalent to 1.0 part per billion (ppb).

RL: Reporting Limit.

**Quality Control**

The Metals Laboratory maintains all Quality Control records for laboratory handling, preservation, preparation, and analysis of samples. The Quality Control process adheres to requirements specified in Pennsylvania Code Title 25 Chapter 252 Environmental Laboratory Accreditation.

**Data Qualifiers**

There are no data qualifiers for the results reported here.

**Sample Receipt Conditions**

All samples met the sample receipt requirements for the relevant analyses.

Lead & Copper Sampling  
Schools and Childcares

# Chain of Custody Form

Please Print Clearly



<b>Facility Name:</b> Esperanza Academy Charter Schoof (High) <b>Address:</b> 301 W Hunting Park Ave <b>Contact Name:</b> Alicia Mojica	<b>Project #:</b> SS-000002 <b>Zip Code:</b> 19140 <b>Phone:</b> 267-294-9642 <b>Email:</b> amojica@neacademy.net
---	--

**COMPLETE THIS PAGE WHEN YOU COLLECT WATER SAMPLES. USE INSTRUCTIONS.**

**(A) Establish 8 to 18 Hours of No Water Use (Stagnation Time)**



Before sampling, do not use water anywhere in your facility for 8 to 18 hours, including toilets. You must also isolate any leaks, ice makers, or other appliances that automatically use water with a shut-off valve.

**When was water last used BEFORE sampling? Date:** 1/16/26 **Time:** 10:30 AM/PM  AM  PM

**(B) Collect Samples and Record Date, Time, & Sampler Name**



Collect samples in the order specified.



Fill sample bottles up to or above the line marked around the bottle neck.

Sample	Building	Floor	Location	Water Outlet	Sample Date	Sample Time	Loc ID	PWD Notes
1	Main	1	Room 100 & 100A	Bottle Filler	1/17/26	7:36 AM/PM	SS-000002-101A	First Draw
2	Main	1	Room 102	Sink Faucet (Cold)	1/17/26	7:38 AM/PM	SS-000002-102	First Draw
3	Main	1	Hallway outside Room 104	Left Water Fountain	1/17/26	7:39 AM/PM	SS-000002-107B	First Draw
4	Main	1	Staff Lounge	Bottle Filler	1/17/26	7:40 AM/PM	SS-000002-108	First Draw
5	Main	1	Nurse's Office Bathroom	Sink Faucet	1/17/26	7:41 AM/PM	SS-000002-120	First Draw
6	Main	1	Hallway outside Nurse's Office	Right Water Fountain	1/17/26	7:42 AM/PM	SS-000002-121C	First Draw
7	Main	2	Hallway outside Room 201	Bottle Filler	1/17/26	7:48 AM/PM	SS-000002-202A	First Draw
8	Main	2	Staff Lounge	Bottle Filler	1/17/26	7:49 AM/PM	SS-000002-203	First Draw
9	Main	2	Staff Lounge	Sink Faucet	1/17/26	7:49 AM/PM	SS-000002-204	First Draw
10	Main	2	Hallway outside Room 208	Water Fountain	1/17/26	7:50 AM/PM	SS-000002-205B	First Draw

**Who collected the samples? Sampler Name:** Belgica Garcia + OPS Mgrs Enocelia Montalvo

**(C) Verify Collection Details**

Did you collect all samples from the water outlets specified above?  Yes ( ) No

Did you collect all samples in the order specified above?  Yes ( ) No

Have you made any plumbing changes since PWD last visited your facility? ( ) Yes (L) No

If yes, describe what changed and when: \_\_\_\_\_

Are there any leaks in your facility's plumbing (faucets, toilets, etc.)? 102 & kitchen sink to left  Yes ( ) No

If yes, were all leaks isolated with a shut-off valve before the time water was last used?  Yes ( ) No

Are there any ice makers or other devices that automatically use water in your facility?  Yes ( ) No

If yes, was the device bypassed or disconnected before the time water was last used?  Yes ( ) No

Describe the device: \_\_\_\_\_

Are there any water softeners or other water treatment systems in your facility? ( ) Yes (L) No

If yes, was the device bypassed or disconnected before the time water was last used? ( ) Yes ( ) No

Describe the device: \_\_\_\_\_

Call us at 215-685-1407 when you collect. Please return all bottles in the box you received them in.

Date Last Updated: 09/05/2025

Lead & Copper Sampling  
Schools and Childcares

# Chain of Custody Form

Please Print Clearly



Facility Name: Esperanza Academy Charter School (High) Project #: SS-000002  
 Address: 301 W Hunting Park Ave Zip Code: 19140  
 Contact Name: Alicia Mojica Email: amojica@neacademy.net Phone: 267-294-9642

**COMPLETE THIS PAGE WHEN YOU COLLECT WATER SAMPLES. USE INSTRUCTIONS.**

**(A) Establish 8 to 18 Hours of No Water Use (Stagnation Time)**



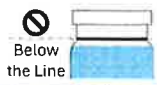
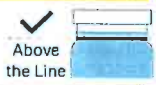
Before sampling, do not use water anywhere in your facility for 8 to 18 hours, including toilets. You must also isolate any leaks, ice makers, or other appliances that automatically use water with a shut-off valve.

When was water last used BEFORE sampling? Date: 1/16/26 Time: 10:30pm  AM  PM

**(B) Collect Samples and Record Date, Time, & Sampler Name**



Collect samples in the order specified.



Fill sample bottles up to or above the line marked around the bottle neck.

Sample	Building	Floor	Location	Water Outlet	Sample Date	Sample Time	Loc ID	PWD Notes
11	Main	2	Kitchen	Right Food Washing Sink Faucet (Cold)	1/17/26	7:53 AM	SS-000002-208	First Draw
12	Main	2	Kitchen	Left Food Washing Sink Faucet (Cold)	1/17/26	7:54 AM	SS-000002-209	First Draw
13	Main	2	Kitchen	Food Serving Area Sink Faucet (Cold)	1/17/26	7:55 AM	SS-000002-211	First Draw

Who collected the samples? Sampler Name: Belgica Garcia + OPS Mngr Enoelia Montalvo

**(C) Verify Collection Details**

- Did you collect all samples from the water outlets specified above?  Yes ( ) No
- Did you collect all samples in the order specified above?  Yes ( ) No
- Have you made any plumbing changes since PWD last visited your facility?  Yes  No  
If yes, describe what changed and when: \_\_\_\_\_
- Are there any leaks in your facility's plumbing (faucets, toilets, etc.)?  Yes ( ) No  
If yes, were all leaks isolated with a shut-off valve before the time water was last used?  Yes ( ) No
- Are there any ice makers or other devices that automatically use water in your facility?  Yes ( ) No  
If yes, was the device bypassed or disconnected before the time water was last used?  Yes ( ) No  
Describe the device: \_\_\_\_\_
- Are there any water softeners or other water treatment systems in your facility?  Yes  No  
If yes, was the device bypassed or disconnected before the time water was last used?  Yes ( ) No  
Describe the device: \_\_\_\_\_

Call us at 215-685-1407 when you collect. Please return all bottles in the box you received them in. Date Last Updated: 09/05/2025

# Guidance and Action Plan for Facilities

These recommendations are designed to help keep lead out of your tap water.

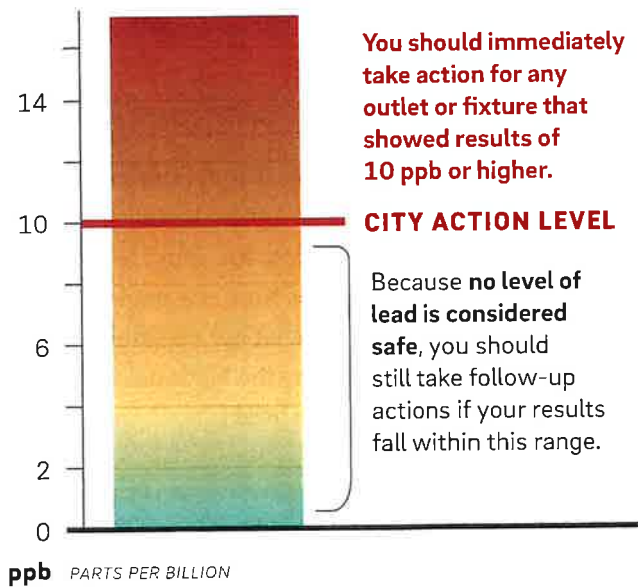
Based on your water sampling results, you will choose what actions are right for your facility.

Follow-up actions are the responsibility of your facility. We are happy to discuss your options!

## Understanding your results

Each outlet or fixture sampled at your facility will have a result shown in **parts per billion (ppb)**.

The **City Action Level** is 10 parts per billion.



What is a "ppb"?

**Parts per billion (ppb):**


This means 1 part per 1,000,000,000 parts, which is equivalent to **half a teaspoon** in an Olympic-sized swimming pool.



**Results are a snapshot in time:** A water outlet's lead level may vary over time due to factors like stagnation time.



**What is required?** Certain actions are required when an outlet is above the **City Action Level**.

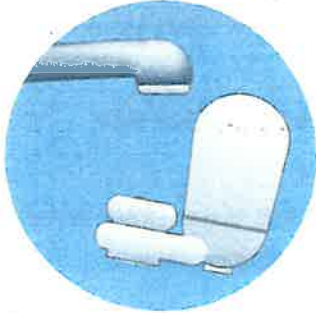
Required actions are marked with . All actions help keep lead out of tap water.



For details on how to comply with the City's Department of Public Health policies for schools, day cares, and childcare centers, visit: [water.phila.gov/school-health-policy](http://water.phila.gov/school-health-policy)

# Eliminate source(s) of lead

Consider the effect of routine water practices on lead levels before more extensive plumbing work.



## Replace or retrofit outlets

Some facilities replace older outlets with versions that are equipped with filters certified to reduce lead. Filters need to be replaced regularly according to manufacturer's instructions in order to work.

It may be possible to retrofit existing outlets with certified filters and updated lead-free components.



## Replace or bypass lead plumbing

If you find sources of lead in building plumbing (lead pipe, lead solder, old brass fixtures, fittings, or valves), you can consider replacing components or bypassing those sections of plumbing. Planning more extensive plumbing work alongside other building renovations may be best.



## Replace the service line

Lead service lines are more likely in smaller buildings built before the 1950s. When present, they typically contribute the most lead in water. Larger buildings usually have bigger service lines that were never made of lead.



### You can consult with us on any planned plumbing fixes.

We can offer resources and suggestions for your facility. We encourage you to work with a certified plumber who is using lead-free materials.

See a list of licensed plumbers:

➤ [li.phila.gov/contractor-lookup](https://li.phila.gov/contractor-lookup)



## Retest

We recommend retesting each outlet after implementing routine water practices or making plumbing changes. Retesting allows you to evaluate the effects of your actions on lead levels.

Outlets must test below the **City Action Level** before returning to service.



# Take action

These recommendations are low or no-cost.

## 1

### Take the outlet out of service & add signs

Shut off or disconnect the water outlet if it is above the **City Action Level**.

Post clear and accessible notices near outlets where water should not be used for drinking, drink preparation, or cooking. Include where to find alternate sources of drinking water.



## 2

### Start routine water practices

Use the Routine Water Practices Plan and Log developed for your facility to stay on track.

#### Flush your pipes

**"Flushing" means running fast, cold water from a tap.** Flushing gets rid of water sitting in pipes and outlets.

**Flushing won't require installation of equipment.** Without the work of a plumber, it can limit exposure to lead and promote overall building water quality.

Learn more: [epa.gov/safewater/3Ts](http://epa.gov/safewater/3Ts) and search for "Flushing Best Practices".

See what flushing can look like for in-home childcares:



#### Always use cold

Use only cold water for cooking and drinking, including preparing baby formula.

**Good to know:**  
**Boiling water does not remove lead!**

#### Clean aerators

Aerators, also called faucet screens, can trap lead. Then they can release lead like a tea bag in water over time. Disassemble and soak screens in vinegar, and then scrub the screens with a toothbrush.

#### Consider certified filters

Point-of-use (POU) filters certified to reduce lead can be installed on many water outlets. You must follow all instructions from the manufacturer. Use filters that are certified for lead reduction by the National Sanitation Foundation (NSF).

## 3

### Investigate the sources of lead

Finding where lead is will guide additional decision-making.

- Look at plumbing records for dates, locations, and materials
- Research outlet details with manufacturer serial numbers
- Look through your facility:
  - Check aerators and filters
  - Test visible pipe, solder, and brass with lead paint swabs

Age matters

Older fixtures and buildings are more likely to contain lead. Lead was used less after the 1950s, but it was not regulated until 1986.



**1986**  
Federal government bans lead pipes and restricts lead in solder and brass.

**2014**  
Federal government further reduces lead allowed in brass.

## Examples of different approaches

Facilities will choose to address their sampling results differently. Your decisions will be informed by sampling results, effect of routine water practices, and facility-specific information.

### Small Day Care

**This day care** has 13 children. Their classroom faucet was above the **City Action Level**, and their kitchen faucet was just below.

They posted their results and action plan.



**Here's what this facility did:**

**First**, they shut off the classroom faucet and posted a "Do Not Use" sign. They explained why to the staff and children.

**Then**, they started doing "Routine Water Practices". Their investigation revealed trapped particles in the aerators, lead solder, and an old brass valve.

**After a few weeks** of "Routine Water Practices", they retested. They found both faucets were 2 ppb. They reconnected the classroom faucet because the results were below the **City Action Level**.

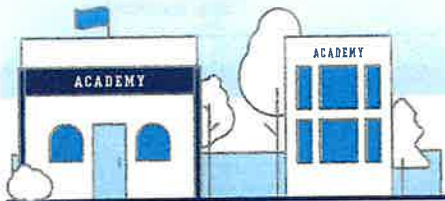
**Over the next few months**, they budgeted \$100 for two faucet-mounted filters that are certified to reduce lead. They budgeted another \$100/year for replacement filters.

They stick to scheduled "Routine Water Practices," including filter maintenance.

### Large facility

**This facility has 300 students.** Two water fountains and the Nurse's sink faucet were above the **City Action Level**. All other outlets were <1 ppb.

They posted their results and action plan.



**Here's what this facility did:**

**First**, they shut off the three outlets above the **City Action Level**. Staff posted a "Do Not Use" sign at those outlets. They explained why to the staff and students.

**Then**, they implemented "Routine Water Practices" building-wide.

Their investigation showed more trapped particles in the Nurse's faucet. They found that one fountain was rarely used, and the other was an old model.

**After a few weeks** of "Routine Water Practices", they retested. The old fountain was still above the **City Action Level**, so maintenance kept it disconnected. The other two were <1 ppb and reconnected.

**The school plans** to replace the old fountain and retrofit other fountains with certified filters.

They stick to scheduled "Routine Water Practices" to maintain reduced lead levels building-wide.



#### Questions

[SchoolLeadTesting@phila.gov](mailto:SchoolLeadTesting@phila.gov)



#### Latest information and resources

[water.phila.gov/lead/school-childcare](http://water.phila.gov/lead/school-childcare)

# Eliminate sources of lead in plumbing



Some solutions are effective but require upkeep. Other solutions are more permanent but cost more.

ACTION	HOW EASY?	COST	IMPACT	AVAILABLE FUNDING
<p><b>Routine water practices</b></p> <p>Include daily flushing, cleaning aerators, and only using cold water for consumption.</p>	<p>Easy to do, but need to happen regularly. Everyone in your facility should be aware of these routine water practices.</p>	<p>The lowest cost way to reduce risks.</p>	<p><b>High impact.</b></p> <p>Proven to reduce risks from lead plumbing.</p>	<p><b>Grants</b></p> <p>Schools and childcare centers can apply for WIIN (Water Infrastructure Improvements for the Nation) grants from Pennsylvania.</p>
<p><b>Replace or retrofit outlets</b></p> <p>Using outlets fitted or retrofitted with filters certified to reduce lead.</p>	<p>Access to outlets is generally easy due to location.</p> <p>One-time replacement, followed by regular maintenance.</p>	<p>Prices vary per outlet. Maintaining filters will be an ongoing cost.</p>	<p><b>Impact can vary,</b> based on sampling results.</p> <p>Even plumbing components classified as "lead-free" may still contain small amounts of lead.</p>	<p>These grants can be used for water quality testing and remediation.</p> <p>Check the web page below for updates on opportunities for grants or financial assistance.</p>
<p><b>Replace or bypass lead plumbing</b></p> <p>Consider replacing or bypassing components of plumbing with lead.</p>	<p>Some plumbing is easier to address than others. Plumbing located behind walls are harder to replace.</p> <p>Good building information can help reduce unknowns.</p>	<p>Replacing a valve could be very affordable. It could be costly to replace the entire facility's plumbing.</p>	<p><b>Impact can vary,</b> based on the amount of lead plumbing.</p>	<p><a href="https://water.phila.gov/lead/school-childcare">water.phila.gov/lead/school-childcare</a></p>
<p><b>Replace the Lead or Galvanized Service Line</b></p> <p>The service line connects your property to the City's water main.</p>	<p>A one-time replacement. Because of its underground location, replacing a service line requires excavation.</p>	<p>Expensive, but it is a known, one-time cost. This option may be cheaper than a full internal plumbing replacement.</p>	<p><b>High impact.</b></p> <p>The most effective way to remove the biggest risk in a small building*.</p>	<p><b>Child Care Facilities Fund</b></p> <p>STAR 3 and 4 facilities can apply to the fund. Recipients can make improvements to their facilities.</p> <p><a href="https://philafacilityfund.org">philafacilityfund.org</a></p>

\* Larger buildings usually do not have a lead service line. Lead is a soft material. It is not strong enough to be the material of a pipe with a large diameter. Larger buildings have larger diameter service lines.

**Latest information and resources**  
[water.phila.gov/lead/school-childcare](https://water.phila.gov/lead/school-childcare)

**Questions**  
[SchoolLeadTesting@phila.gov](mailto:SchoolLeadTesting@phila.gov)



All Water Outlets  or Building: \_\_\_\_\_ Floor: \_\_\_\_\_ Location: \_\_\_\_\_ Water Outlet: \_\_\_\_\_

**Flushing Log** (check off days when flushing is completed)

January	February	March	April	May	June	July	August	September	October	November	December
1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input checked="" type="checkbox"/>	1. <input type="checkbox"/>	1. <input type="checkbox"/>	1. <input checked="" type="checkbox"/>
2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input checked="" type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>	2. <input type="checkbox"/>
3. <input type="checkbox"/>	3. <input checked="" type="checkbox"/>	3. <input checked="" type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input type="checkbox"/>	3. <input checked="" type="checkbox"/>	3. <input type="checkbox"/>
4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input checked="" type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>	4. <input type="checkbox"/>
5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input checked="" type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>	5. <input type="checkbox"/>
6. <input checked="" type="checkbox"/>	6. <input type="checkbox"/>	6. <input type="checkbox"/>	6. <input type="checkbox"/>	6. <input type="checkbox"/>	6. <input type="checkbox"/>	6. <input type="checkbox"/>	6. <input type="checkbox"/>	6. <input type="checkbox"/>	6. <input checked="" type="checkbox"/>	6. <input type="checkbox"/>	6. <input type="checkbox"/>
7. <input type="checkbox"/>	7. <input type="checkbox"/>	7. <input type="checkbox"/>	7. <input checked="" type="checkbox"/>	7. <input type="checkbox"/>	7. <input type="checkbox"/>	7. <input checked="" type="checkbox"/>	7. <input type="checkbox"/>	7. <input type="checkbox"/>	7. <input type="checkbox"/>	7. <input type="checkbox"/>	7. <input type="checkbox"/>
8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input checked="" type="checkbox"/>	8. <input type="checkbox"/>	8. <input type="checkbox"/>	8. <input checked="" type="checkbox"/>
9. <input type="checkbox"/>	9. <input type="checkbox"/>	9. <input type="checkbox"/>	9. <input type="checkbox"/>	9. <input type="checkbox"/>	9. <input checked="" type="checkbox"/>	9. <input type="checkbox"/>	9. <input type="checkbox"/>	9. <input type="checkbox"/>	9. <input type="checkbox"/>	9. <input type="checkbox"/>	9. <input type="checkbox"/>
10. <input type="checkbox"/>	10. <input checked="" type="checkbox"/>	10. <input checked="" type="checkbox"/>	10. <input type="checkbox"/>	10. <input type="checkbox"/>	10. <input type="checkbox"/>	10. <input type="checkbox"/>	10. <input type="checkbox"/>	10. <input type="checkbox"/>	10. <input type="checkbox"/>	10. <input checked="" type="checkbox"/>	10. <input type="checkbox"/>
11. <input type="checkbox"/>	11. <input type="checkbox"/>	11. <input type="checkbox"/>	11. <input type="checkbox"/>	11. <input type="checkbox"/>	11. <input type="checkbox"/>	11. <input type="checkbox"/>	11. <input checked="" type="checkbox"/>	11. <input type="checkbox"/>	11. <input type="checkbox"/>	11. <input type="checkbox"/>	11. <input type="checkbox"/>
12. <input type="checkbox"/>	12. <input type="checkbox"/>	12. <input type="checkbox"/>	12. <input type="checkbox"/>	12. <input checked="" type="checkbox"/>	12. <input type="checkbox"/>	12. <input type="checkbox"/>	12. <input type="checkbox"/>	12. <input type="checkbox"/>	12. <input type="checkbox"/>	12. <input type="checkbox"/>	12. <input type="checkbox"/>
13. <input checked="" type="checkbox"/>	13. <input type="checkbox"/>	13. <input type="checkbox"/>	13. <input type="checkbox"/>	13. <input type="checkbox"/>	13. <input type="checkbox"/>	13. <input type="checkbox"/>	13. <input type="checkbox"/>	13. <input type="checkbox"/>	13. <input checked="" type="checkbox"/>	13. <input type="checkbox"/>	13. <input type="checkbox"/>
14. <input type="checkbox"/>	14. <input type="checkbox"/>	14. <input type="checkbox"/>	14. <input checked="" type="checkbox"/>	14. <input type="checkbox"/>	14. <input type="checkbox"/>	14. <input checked="" type="checkbox"/>	14. <input type="checkbox"/>	14. <input type="checkbox"/>	14. <input type="checkbox"/>	14. <input type="checkbox"/>	14. <input type="checkbox"/>
15. <input type="checkbox"/>	15. <input type="checkbox"/>	15. <input type="checkbox"/>	15. <input type="checkbox"/>	15. <input type="checkbox"/>	15. <input type="checkbox"/>	15. <input type="checkbox"/>	15. <input type="checkbox"/>	15. <input checked="" type="checkbox"/>	15. <input type="checkbox"/>	15. <input type="checkbox"/>	15. <input checked="" type="checkbox"/>
16. <input type="checkbox"/>	16. <input type="checkbox"/>	16. <input type="checkbox"/>	16. <input type="checkbox"/>	16. <input type="checkbox"/>	16. <input checked="" type="checkbox"/>	16. <input type="checkbox"/>	16. <input type="checkbox"/>	16. <input type="checkbox"/>	16. <input type="checkbox"/>	16. <input type="checkbox"/>	16. <input type="checkbox"/>
17. <input type="checkbox"/>	17. <input checked="" type="checkbox"/>	17. <input checked="" type="checkbox"/>	17. <input type="checkbox"/>	17. <input type="checkbox"/>	17. <input type="checkbox"/>	17. <input type="checkbox"/>	17. <input type="checkbox"/>	17. <input type="checkbox"/>	17. <input type="checkbox"/>	17. <input checked="" type="checkbox"/>	17. <input type="checkbox"/>
18. <input type="checkbox"/>	18. <input type="checkbox"/>	18. <input type="checkbox"/>	18. <input type="checkbox"/>	18. <input type="checkbox"/>	18. <input type="checkbox"/>	18. <input type="checkbox"/>	18. <input checked="" type="checkbox"/>	18. <input type="checkbox"/>	18. <input type="checkbox"/>	18. <input type="checkbox"/>	18. <input type="checkbox"/>
19. <input type="checkbox"/>	19. <input type="checkbox"/>	19. <input type="checkbox"/>	19. <input type="checkbox"/>	19. <input checked="" type="checkbox"/>	19. <input type="checkbox"/>	19. <input type="checkbox"/>	19. <input type="checkbox"/>	19. <input type="checkbox"/>	19. <input type="checkbox"/>	19. <input type="checkbox"/>	19. <input type="checkbox"/>
20. <input checked="" type="checkbox"/>	20. <input type="checkbox"/>	20. <input type="checkbox"/>	20. <input type="checkbox"/>	20. <input type="checkbox"/>	20. <input type="checkbox"/>	20. <input type="checkbox"/>	20. <input type="checkbox"/>	20. <input type="checkbox"/>	20. <input checked="" type="checkbox"/>	20. <input type="checkbox"/>	20. <input type="checkbox"/>
21. <input type="checkbox"/>	21. <input type="checkbox"/>	21. <input type="checkbox"/>	21. <input checked="" type="checkbox"/>	21. <input type="checkbox"/>	21. <input type="checkbox"/>	21. <input checked="" type="checkbox"/>	21. <input type="checkbox"/>	21. <input type="checkbox"/>	21. <input type="checkbox"/>	21. <input type="checkbox"/>	21. <input type="checkbox"/>
22. <input type="checkbox"/>	22. <input type="checkbox"/>	22. <input type="checkbox"/>	22. <input type="checkbox"/>	22. <input type="checkbox"/>	22. <input type="checkbox"/>	22. <input type="checkbox"/>	22. <input type="checkbox"/>	22. <input checked="" type="checkbox"/>	22. <input type="checkbox"/>	22. <input type="checkbox"/>	22. <input checked="" type="checkbox"/>
23. <input type="checkbox"/>	23. <input type="checkbox"/>	23. <input type="checkbox"/>	23. <input type="checkbox"/>	23. <input type="checkbox"/>	23. <input checked="" type="checkbox"/>	23. <input type="checkbox"/>	23. <input type="checkbox"/>	23. <input type="checkbox"/>	23. <input type="checkbox"/>	23. <input type="checkbox"/>	23. <input type="checkbox"/>
24. <input type="checkbox"/>	24. <input checked="" type="checkbox"/>	24. <input checked="" type="checkbox"/>	24. <input type="checkbox"/>	24. <input type="checkbox"/>	24. <input type="checkbox"/>	24. <input type="checkbox"/>	24. <input type="checkbox"/>	24. <input type="checkbox"/>	24. <input type="checkbox"/>	24. <input checked="" type="checkbox"/>	24. <input type="checkbox"/>
25. <input type="checkbox"/>	25. <input type="checkbox"/>	25. <input type="checkbox"/>	25. <input type="checkbox"/>	25. <input type="checkbox"/>	25. <input type="checkbox"/>	25. <input type="checkbox"/>	25. <input checked="" type="checkbox"/>	25. <input type="checkbox"/>	25. <input type="checkbox"/>	25. <input type="checkbox"/>	25. <input type="checkbox"/>
26. <input type="checkbox"/>	26. <input type="checkbox"/>	26. <input type="checkbox"/>	26. <input type="checkbox"/>	26. <input checked="" type="checkbox"/>	26. <input type="checkbox"/>	26. <input type="checkbox"/>	26. <input type="checkbox"/>	26. <input type="checkbox"/>	26. <input type="checkbox"/>	26. <input type="checkbox"/>	26. <input type="checkbox"/>
27. <input checked="" type="checkbox"/>	27. <input type="checkbox"/>	27. <input type="checkbox"/>	27. <input type="checkbox"/>	27. <input type="checkbox"/>	27. <input type="checkbox"/>	27. <input type="checkbox"/>	27. <input type="checkbox"/>	27. <input type="checkbox"/>	27. <input checked="" type="checkbox"/>	27. <input type="checkbox"/>	27. <input type="checkbox"/>
28. <input type="checkbox"/>	28. <input type="checkbox"/>	28. <input type="checkbox"/>	28. <input checked="" type="checkbox"/>	28. <input type="checkbox"/>	28. <input type="checkbox"/>	28. <input checked="" type="checkbox"/>	28. <input type="checkbox"/>	28. <input type="checkbox"/>	28. <input type="checkbox"/>	28. <input type="checkbox"/>	28. <input type="checkbox"/>
29. <input type="checkbox"/>	29. <input type="checkbox"/>	29. <input type="checkbox"/>	29. <input type="checkbox"/>	29. <input type="checkbox"/>	29. <input type="checkbox"/>	29. <input type="checkbox"/>	29. <input type="checkbox"/>	29. <input checked="" type="checkbox"/>	29. <input type="checkbox"/>	29. <input type="checkbox"/>	29. <input checked="" type="checkbox"/>
30. <input type="checkbox"/>	30. <input type="checkbox"/>	30. <input type="checkbox"/>	30. <input type="checkbox"/>	30. <input type="checkbox"/>	30. <input checked="" type="checkbox"/>	30. <input type="checkbox"/>	30. <input type="checkbox"/>	30. <input type="checkbox"/>	30. <input type="checkbox"/>	30. <input type="checkbox"/>	30. <input type="checkbox"/>
31. <input type="checkbox"/>	31. <input type="checkbox"/>	31. <input checked="" type="checkbox"/>	31. <input type="checkbox"/>	31. <input type="checkbox"/>	31. <input type="checkbox"/>	31. <input type="checkbox"/>	31. <input type="checkbox"/>	31. <input type="checkbox"/>	31. <input type="checkbox"/>	31. <input type="checkbox"/>	31. <input type="checkbox"/>

**Aerator, Filter, and Sign Maintenance** (document when aerators, filters, and signs are cleaned, replaced, maintained, etc.)

January	February	March	April	May	June	July	August	September	October	November	December
Checked Signs 1/6/2025	Replaced Filters 2/3/2025	Cleaned Aerators 3/3/2025				Posted Signs 7/7/2025	Replaced Filters 8/4/2025	Cleaned Aerators 9/1/2025			

## Recommended Routine Water Practices for Your Facility

Specific guidance for your facility's water outlets is enclosed. Follow this plan to keep lead out of drinking water for low to no cost. Any action that reduces lead exposure is impactful.

**Esperanza Academy Charter School (High)**  
301 W Hunting Park Ave  
Philadelphia, PA 19140

### Overview of Routine Water Practices



**Always use cold water** for cooking and drinking, including preparing baby formula. Hot water out of the tap dissolves more metal. Heat separately on a stove or in a kettle as needed. Remember that boiling does not remove lead.



**Run your water ("flushing") at the beginning of each week** to get rid of water sitting in pipes and outlets. The more time water sits in contact with building plumbing, the more lead it may contain. Follow the flushing order and times listed on the next page.



**Clean aerators ("faucet screens") every 6 months** to remove trapped particles. Otherwise, aerators may release lead into water over time like a tea bag. Disassemble and soak screens in vinegar, then scrub the screens with a toothbrush.



**Maintain filters certified to reduce lead** according to manufacturer's instructions. Look for filters that meet NSF/ANSI Standard 53 and Standard 42 and claim lead reduction.



**Post signs indicating how to use water** from water outlets in your facility. Where should people get water for drinking or cooking? Where should people only wash hands or clean?



**Test your water with PWD every 5 years.**  
Your last round of testing was on January 17, 2026.

**Routine Water Practices Plan by Water Outlet on next page** ►

# Routine Water Practices Plan by Water Outlet

Flush these water outlets in the order and for the time specified. Maintain aerators, filters, and signs where applicable. Use the attached Routine Water Practices Log to document your work. An example log is included to guide you.

Building	Floor	Location	Water Outlet	Flushing Order	Flushing Time	Aerator	Filter
Main	1	Utility Closet outside Nurse's Office	Utility Sink	1	15 minutes	No	No
Main	1	Hallway outside Nurse's Office	Bottle Filler	2	30 seconds	No	Yes
Main	1	Hallway outside Nurse's Office	Left Water Fountain	3	30 seconds	No	Yes
Main	1	Hallway outside Nurse's Office	Right Water Fountain	4	30 seconds	No	Yes
Main	1	Nurse's Office Bathroom	Sink Faucet	5	30 seconds	Yes	No
Main	1	Staff Lounge	Bottle Filler	6	30 seconds	No	Yes
Main	1	Hallway outside Room 104	Bottle Filler	7	30 seconds	No	Yes
Main	1	Hallway outside Room 104	Left Water Fountain	8	30 seconds	No	Yes
Main	1	Hallway outside Room 104	Right Water Fountain	9	30 seconds	No	Yes
Main	1	Room 102	Sink Faucet (Cold)	10	30 seconds	No	No
Main	1	Room 100 \& 100A	Bottle Filler	11	30 seconds	No	Yes
Main	1	Room 100 \& 100A	Left Water Fountain	12	30 seconds	No	Yes
Main	1	Room 100 \& 100A	Right Water Fountain	13	30 seconds	No	Yes
Main	2	Kitchen	Left Food Washing Sink Faucet (Cold)	14	15 minutes	No	No
Main	2	Kitchen	Right Food Washing Sink Faucet (Cold)	15	30 seconds	Yes	No
Main	2	Kitchen	Food Serving Area Sink Faucet (Cold)	16	30 seconds	No	No
Main	2	Hallway outside Room 208	Bottle Filler	17	30 seconds	No	Yes
Main	2	Hallway outside Room 208	Water Fountain	18	30 seconds	No	Yes
Main	2	Staff Lounge	Sink Faucet	19	30 seconds	Yes	No
Main	2	Staff Lounge	Bottle Filler	20	30 seconds	No	Yes

Plan by Water Outlet continues on next page ►

## Routine Water Practices Plan by Water Outlet (Continued)

Flush these water outlets in the order and for the time specified. Maintain aerators, filters, and signs where applicable. Use the attached Routine Water Practices Log to document your work. An example log is included to guide you.

Building	Floor	Location	Water Outlet	Flushing Order	Flushing Time	Aerator	Filter
Main	2	Hallway outside Room 201	Bottle Filler	21	30 seconds	No	Yes
Main	2	Hallway outside Room 201	Left Water Fountain	22	30 seconds	No	Yes
Main	2	Hallway outside Room 201	Right Water Fountain	23	30 seconds	No	Yes

## Parents & Caregivers Frequently Asked Questions (FAQ) for Schools and Childcare Facilities

Following new government regulations, the Philadelphia Water Department (PWD) is piloting free tests of water samples at schools and childcare facilities. While the School District of Philadelphia has been testing and sharing results from public schools for years, the new regulations make *all schools and childcare facilities eligible* for free sampling, including daycares, charter schools, and private schools.

### What is lead?

Lead is a metal that is harmful to human health. Lead and lead compounds have been used in a wide variety of products, including paint, ceramics, pipes and plumbing materials, solders, gasoline, batteries, ammunition, and cosmetics. Regulations in the United States now restrict the use of lead in many products. However, lead still remains in our environments after decades of use.

### How does lead enter the body?

Lead can enter the body through ingestion. This includes breathing in lead dust from paint or soil. Or, if you touch something covered with lead dust, and then use your hands to eat, you can ingest lead.

### What are the health effects of lead exposure?

Ingesting lead can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead can cause new learning and behavior problems or exacerbate existing learning and behavior problems. Exposure before or during pregnancy can increase the risks of adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney, or nervous system problems.

### How does lead get into drinking water?

If lead is found in tap water, the source is somewhere in the property's plumbing. Lead gets into drinking water from plumbing or fixtures that contain lead. None of the City's water mains are lead, but older buildings may still have plumbing and fixtures made from lead. Philadelphia uses *corrosion control* treatment to reduce the amount of lead that can dissolve from plumbing into water.

Philadelphia's drinking water sources are the Delaware and Schuylkill rivers. Philadelphia's rivers are **not** sources of lead. Drinking Water Treatment Plants use disinfection and filtration to treat source water. When looking for sources of lead in water, it's best to investigate the property's plumbing — not treatment plants or water mains.

### Are there other sources of lead that families should be concerned about?

Lead can be found in other sources. Peeling paint and lead dust are the most common sources of exposure. Other sources include soil, food, toys, jewelry, and other products. It's important to address all sources to prevent exposure to lead. Reducing exposure to lead can improve health outcomes, especially for children.

### What can we do to manage lead exposure?

Wash hands after exposure to dust or soil. Remove shoes when entering an environment where children play or crawl. Cover any peeling paint.

Reducing lead exposure through plumbing is a top priority for PWD. For further details, review the City of Philadelphia's Lead Guide ([phila.gov/guides/lead-guide](http://phila.gov/guides/lead-guide)), which includes many resources for identifying sources of lead and managing lead exposure.

**What if my child's school has results that exceed the City's action level?**

For outlets that show lead above the action level, the next steps include disconnecting the outlet immediately and labeling the outlet. Additionally, the facility will develop its own action plan. Some of the actions include: identifying the source(s) of lead, using a filter certified to reduce lead, and establishing routine water quality practices.

**How do I understand the results from my child's school?**

Water testing results are only a snapshot of water conditions at the time of testing. The test result is not the amount of lead your child is drinking every day. The test result is meant to help the building owner find and reduce the actual source of lead in the building. Because plumbing manufacturers were allowed to use small amounts of lead in fixtures, even until 2014, low levels of lead can be common in many buildings.

**What should caregivers do to check a child's exposure to lead?**

Philadelphia recommends that parents and caregivers of a child aged 1 to 6 request a blood test from a child's doctor. Also, they should inspect all areas of a child's environment for potential sources of exposure.

**Who should I contact if I have additional concerns about the lead results in my child's facility?**

Your first step should be to talk with the staff at school or childcare. They know the specifics of their environment, as well as the action plan for their facility.

**Additional Information****City of Philadelphia's  
Lead Guide**

This online guide covers lead and its impact on health. You can find out how to reduce risks throughout a facility or environment.

[phila.gov/lead](http://phila.gov/lead)

**City of Philadelphia  
Drinking Water Quality  
Report**

Philadelphia's annual report highlights the results of hundreds of water tests and gives an overview of how we keep water safe throughout its journey to your tap.

[water.phila.gov/quality](http://water.phila.gov/quality)

**City of Philadelphia  
Department of Health**

The Department of Health protects and promote the health of all Philadelphians. The website includes resources for lead testing for children.

[phila.gov/departments/department-of-public-health/](http://phila.gov/departments/department-of-public-health/)

**United States EPA:  
3T's for Reducing  
Lead in Drinking Water**

The federal government offers comprehensive recommendations for Training, Testing, and Taking action.

[epa.gov/safewater/3Ts](http://epa.gov/safewater/3Ts)

**PWD School Sampling**

Overview of our school and childcare sampling program

[water.phila.gov/lead/school-childcare/](http://water.phila.gov/lead/school-childcare/)

**CDC's Childhood Lead  
Poisoning Prevention**

About Childhood Lead Poisoning Prevention

[cdc.gov/lead-prevention](http://cdc.gov/lead-prevention)