



OKLAHOMA DRINKING WATER

LEAD TESTING

IN PUBLIC SCHOOLS & CHILD CARE FACILITIES

District: Broken Arrow Public Schools

School: Arrowhead Elementary

Sampling Dates: 2/10/2022, 5/25/2022, 6/13/2023, 7/11/2025

Status: Remediation

RESULTS

Below are the results from the four rounds of testing of drinking water for lead that was conducted at Broken Arrow Public Schools - Arrowhead Elementary. The initial sampling event occurred on February 10, 2022. Further post-remediation sampling events occurred on May 25, 2022, June 13, 2023, and July 11, 2025.

In the **initial sampling**, seventeen (17) outlets were tested resulting in a total of thirty-four (34) samples being sent to the lab.

- Six (6) samples had no detectable level of lead.
- Twenty-four (24) samples had a low detection of lead between 1.0 and 14.9 µg/L.
- Four (4) samples had a high detection of lead equal to or above 15.0 µg/L.

In the **second sampling**, seven (7) outlets were tested resulting in a total of fourteen (14) samples being sent to the lab.

- Zero (0) samples had no detectable level of lead.
- Twelve (12) samples had a low detection of lead between 1.0 and 14.9 µg/L.
- Two (2) samples had a high detection of lead equal to or above 15.0 µg/L.

In the **third sampling**, seven (7) outlets were tested resulting in a total of fourteen (14) samples being sent to the lab.

- Seven (7) samples had no detectable level of lead.
- Seven (7) samples had a low detection of lead between 1.0 and 14.9 µg/L.
- Zero (0) samples had a high detection of lead equal to or above 15.0 µg/L.

In the **fourth sampling**, four (4) outlets were tested resulting in a total of seven (7) samples being sent to the lab.

- Zero (0) samples had no detectable level of lead.
- Five (5) samples had a low detection of lead between 1.0 and 14.9 µg/L.
- Two (2) samples had a high detection of lead equal to or above 15.0 µg/L.

The table below shows all sample results. Sample results are in micrograms per liter, shown as µg/L. For more information on how to read this report, please see our **Results Interpretation Fact Sheet**.

Sample ID	Outlet Description	First Draw (µg/L)	Flush (µg/L)	Remedial Action	First Draw (µg/L)	Flush (µg/L)	Remedial Action	First Draw (µg/L)	Flush (µg/L)	First Draw (µg/L)	Flush (µg/L)
		Initial Sampling			Resampling 1		Resampling 2			Resampling 3	
Non-Detect (<1.0 µg/L)											
1-1-KIT-KF2	Kitchen- front wall faucet	<1.0	<1.0	N/A							
1-1-KIT-IM	Kitchen ice machine	<1.0	<1.0	N/A							
1-1-HALL-WC1	Hall outside of room 119-right Elkay water cooler	3.9	7.2	Added filter	4.9	4.6	Added filter	<1.0	<1.0		
1-1-HALL-WC2	Hall outside of room 119-middle Elkay water cooler	6.5	7.3	Added filter	10.6	8.0	Added filter	<1.0	<1.0		
1-1-125-BF	Room 125-bathroom faucet	29.4	2.2	Replaced	16.5	5.5	Flushed	<1.0	<1.0		
Low Detection (1.0 - 14.9 µg/L)											
1-1-KIT-KF1	Kitchen faucet- back wall by clock	2.0	<1.0								
1-1-KIT-KF3	Kitchen handwash sink	2.8	<1.0	Handwash only							
1-1-140A-CF1	Science storage room 140A- small white sink in closet	15.1	2.3	Replaced	11.6	1.6	Flushed	2.1	<1.0	3.0	1.3
1-1-140-CF2	Science storage room 140-right side of room classroom faucet	6.1	1.6	Handwash only							
1-1-140A-CF2	Science storage room 140A- large sink in closet	15.0	1.2	Replaced	1.8	1.3	Flushed	5.1	2.2	10.1	1.8

Sample ID	Outlet Description	First Draw (µg/L)	Flush (µg/L)	Remedial Action	First Draw (µg/L)	Flush (µg/L)	Remedial Action	First Draw (µg/L)	Flush (µg/L)	First Draw (µg/L)	Flush (µg/L)
		Initial Sampling			Resampling 1		Resampling 2			Resampling 3	
1-1-140-CF1	Science storage room 140- left side of room classroom faucet	10.5	2.3	Handwash only							
1-1-121-BF	Room 121-bathroom faucet	11.1	2.2	Handwash only							
1-1-140-CF3	Science storage room 140- right side of room; close to door- classroom faucet	12.8	1.6	Handwash only							
1-1-112-BF	Room 112- bathroom faucet	12.9	2.5	Handwash only							
1-1-116-BF	Room 116- bathroom faucet	14.3	2.6	Handwash only							
High Detection (≥ 15.0 µg/L)											
1-1-113-CF	Room 113 classroom faucet	43.3	5.6	Replaced	3.5	1.0	Replaced	1.7	1.6	19.8	Not sampled
1-1-HALL-WC3	Hall outside of room 119- left Elkay water cooler	8.9	7.2	Added filter	11.9	17.9	Added filter	1.7	1.9	118.0	2.9