



OKLAHOMA DRINKING WATER

LEAD TESTING

IN PUBLIC SCHOOLS & CHILD CARE FACILITIES

District: Broken Bow Public Schools

School: Broken Bow High School

Sampling Dates: 4/8/2022, 2/17/2023

Status: Remediation

RESULTS

Below are the results from the first and second rounds of testing of drinking water for lead that was conducted at Broken Bow Public Schools - Broken Bow High School. The initial sampling event occurred on April 8, 2022. The resampling event occurred on February 17, 2023.

In the initial sampling, thirty (30) outlets were tested resulting in a total of sixty (60) samples being sent to the lab.

- Forty-seven (47) samples had no detectable level of lead.
- Twelve (12) samples had a low detection of lead between 1.0 and 14.9 µg/L.
- One (1) samples had a high detection of lead equal to or above 15.0 µg/L.

In the resampling, four (4) outlets were tested resulting in a total of eight (8) samples being sent to the lab.

- Four (4) samples had no detectable level of lead.
- One (1) samples had a low detection of lead between 1.0 and 14.9 µg/L.
- Three (3) 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	Comments	First Draw (µg/L)	Flush (µg/L)	Remedial Action	First Draw (µg/L)	Flush (µg/L)
		Initial Sampling			Resampling	
Non-Detect (<1.0 µg/L)						
1-1-HALL-WC1	Main building; Elkay water cooler with bottle filler; left of main office	<1.0	<1.0	N/A		
1-1-HALL-WC2	Main building; Elkay bottle filler; left of main office	<1.0	<1.0	N/A		
1-1-TL-KF	Main building; Kitchen faucet in main office/teachers' lounge	<1.0	<1.0	N/A		
1-1-HALL-WC3	Main building; Elkay water cooler with bottle filler; opposite of south door	<1.0	<1.0	N/A		

Sample ID	Comments	First Draw (µg/L)	Flush (µg/L)	Remedial Action	First Draw (µg/L)	Flush (µg/L)
		Initial Sampling			Resampling	
1-1-HALL-WC4	Main building; Elkay bottle filler; opposite of south door	<1.0	<1.0	N/A		
2-1-GIRLH-WC	Activity center; Elkay water cooler near girls' home side	<1.0	<1.0	N/A		
2-1-HALL-WC1	Activity center; Elkay water cooler with bottle filler to right of old racquetball room on north side	<1.0	<1.0	N/A		
2-1-GIRLV-WC	Activity center; Elkay water cooler near girls' visitors side	<1.0	<1.0	N/A		
2-1-BOYH-WC1	Activity center; Elkay water cooler with bottle filler; near boys' home side	<1.0	<1.0	N/A		
2-1-BOYH-WC2	Activity center; Elkay bottle filler; near boys' home side	<1.0	<1.0	N/A		
2-1-BOYV-WC1	Activity center; Elkay water cooler with bottle filler; near boys' visitors side	<1.0	<1.0	N/A		
2-1-BOYV-WC2	Activity center; Elkay bottle filler; near boys' visitors side	<1.0	<1.0	N/A		
2-1-HALL-WC3	Activity center; Elkay water cooler with bottle filler; in lobby; left side	<1.0	<1.0	N/A		
2-1-HALL-WC4	Activity center; Elkay bottle filler; in lobby; left side	<1.0	<1.0	N/A		
2-1-HALL-WC5	Activity center; Elkay water cooler with bottle filler; in lobby; right side	<1.0	<1.0	N/A		
2-1-HALL-WC6	Activity center; Elkay bottle filler; in lobby; right side	<1.0	<1.0	N/A		
2-1-CONC-KF	Activity center; Kitchen faucet in concessions stand at front of building	<1.0	<1.0	N/A		
2-2-HALL-WC1	Activity center; Halsey Taylor water cooler on second floor	<1.0	<1.0	N/A		
4-1-ENTR-WC1	Arts center; Elkay water cooler at north entrance; left side	<1.0	<1.0	N/A		

Sample ID	Comments	First Draw (µg/L)	Flush (µg/L)	Remedial Action	First Draw (µg/L)	Flush (µg/L)
		Initial Sampling			Resampling	
4-1-ENTR-WC2	Arts center; Elkay water cooler at north entrance; right side	<1.0	<1.0	N/A		
4-1-BAND-WC1	Arts center; Elkay water cooler near band room on east side; left side	<1.0	<1.0	N/A		
4-1-BAND-WC2	Arts center; Elkay water cooler with bottle filler near band room on east side; right side	<1.0	<1.0	N/A		
4-1-BAND-WC3	Arts center; Elkay bottle filler near band room on east side	<1.0	<1.0	N/A		
Low Detection (1.0 - 14.9 µg/L)						
3-1-CONC-KF	Kitchen faucet in concessions stand near baseball fields	1.6	<1.0			
1-1-HALL-WC5	Elkay water cooler with bottle filler; in southeast corner of hallway	2.1	2.4			
1-1-HALL-WC6	Elkay bottle filler; in southeast corner of hallway	2.3	1.6	Replaced	<1.0	<1.0
1-1-HMEC-KF1	Kitchen faucet in home economics room; right side counter	2.6	1.1	Replaced	<1.0	<1.0
2-2-CONC-KF	Activity center; Kitchen faucet in concessions stand on second floor	2.7	1.1			
1-1-HMEC-KF3	Kitchen faucet in home economics room; left side counter	7.4	1.9	Replaced	73.4	1.9
High Detection (≥15.0 µg/L)						
1-1-HMEC-KF2	Kitchen faucet in home economics room; in island	51.3	5.2	Replaced	45.7	15.8