



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 – Dierks Elementary School. The initial sampling event occurred on February 17, 2023. The resampling event occurred on August 12, 2025.

In the initial sampling, fifty-eight (58) outlets were tested resulting in a total of one hundred sixteen (116) samples being sent to the lab.

- Ninety-eight (98) samples had no detectable level of lead.
- Seventeen (17) 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, two (2) outlets were tested resulting in a total of four (4) samples being sent to the lab.

- All four (4) samples had a low detection of lead between 1.0 and 14.9 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)
		Initial Sampling			Resampling	
Non-Detect (<1.0 µg/L)						
1-1-HALL-KF	Kitchen faucet outside of teachers' lounge in building built in 2007	<1.0	<1.0	N/A		
1-1-RM1-CF	Classroom faucet in Room 1	<1.0	<1.0	N/A		
1-1-RM1-DW	Drinking water bubbler in Room 1	<1.0	<1.0	N/A		
1-1-RM4-DW	Drinking water bubbler in Room 4	<1.0	<1.0	N/A		
1-1-HALL-WC1	Water cooler; left side; near storage warehouse in building built in 2007	<1.0	<1.0	N/A		
1-1-HALL-WC2	Water cooler with bottle filler; right side; near storage warehouse in building built in 2007	<1.0	<1.0	N/A		

Sample ID	Outlet Description	First Draw (µg/L)	Flush (µg/L)	Remedial Action	First Draw (µg/L)	Flush (µg/L)
		Initial Sampling			Resampling	
1-1-HALL-WC3	Bottle filler; right side; near storage warehouse in building built in 2007	<1.0	<1.0	N/A		
2-1-HALL-WC1	Water cooler with bottle filler; left side; between boys' and girls' restrooms in building from 1970s	<1.0	<1.0	N/A		
2-1-HALL-WC2	Bottle filler between boys' and girls' restrooms; left side; in building from 1970s	<1.0	<1.0	N/A		
2-1-HALL-WC3	Water cooler; right side; between boys' and girls' restrooms in building from 1970s	<1.0	<1.0	N/A		
3-1-KIT-KF	Kitchen faucet on back wall of kitchen in cafeteria building	<1.0	<1.0	N/A		
3-1-CAFÉ-IM	Ice machine in cafeteria	<1.0	<1.0	N/A		
4-1-FRONT-WC1	Elkay water cooler at front of main office building	<1.0	<1.0	N/A		
4-1-FRONT-WC2	Elkay bottle filler at front of main office building	<1.0	<1.0	N/A		
4-1-FRONT-WC3	Oasis water cooler at front of main office building	<1.0	<1.0	N/A		
4-1-HALL-WC1	Oasis water cooler; left side; near Room 20 in main office building	<1.0	<1.0	N/A		
4-1-HALL-WC2	Elkay watercooler; right side; near girls' restrooms in main office building	<1.0	<1.0	N/A		
5-1-RM21-CF	Classroom faucet in Room 21; specialists building	<1.0	<1.0	N/A		
5-1-RM21-DW	Drinking water bubbler in Room 21; specialists building	<1.0	<1.0	N/A		
5-1-RM23-DW	Drinking water bubbler in room 23; specialists building	<1.0	<1.0	N/A		
6-1-RM36-CF	Preschool building; classroom faucet in Room 36	<1.0	<1.0	N/A		
6-1-RM30-CF	Preschool building; classroom faucet in Room 30	<1.0	<1.0	N/A		
6-1-RM30-DW	Preschool building; drinking water bubbler in Room 30	<1.0	<1.0	N/A		

Sample ID	Outlet Description	First Draw (µg/L)	Flush (µg/L)	Remedial Action	First Draw (µg/L)	Flush (µg/L)
		Initial Sampling			Resampling	
6-1-RM31-DW	Preschool building; drinking water bubbler in Room 31	<1.0	<1.0	N/A		
6-1-RM37-CF	Preschool building; classroom faucet in Room 37	<1.0	<1.0	N/A		
6-1-RM37-DW	Preschool building; drinking water bubbler in Room 37	<1.0	<1.0	N/A		
6-1-HALL-WC1	Elkay water cooler with bottle filler; left side; to right of custodians' supply in preschool building	<1.0	<1.0	N/A		
6-1-HALL-WC2	Elkay bottle filler; left side; to right of custodians' supply in preschool building	<1.0	<1.0	N/A		
6-1-HALL-WC3	Elkay water cooler; right side; to right of custodians' supply in preschool building	<1.0	<1.0	N/A		
6-1-RM32-CF	Preschool building; classroom faucet in Room 32	<1.0	<1.0	N/A		
6-1-RM39-CF	Preschool building; classroom faucet in Room 39	<1.0	<1.0	N/A		
6-1-RM33-CF	Preschool building; classroom faucet in Room 33	<1.0	<1.0	N/A		
6-1-RM33-DW	Preschool building; drinking water bubbler in Room 33	<1.0	<1.0	N/A		
6-1-RM35-CF	Preschool building; classroom faucet in Room 35	<1.0	<1.0	N/A		
6-1-RM35-DW	Preschool building; drinking water bubbler in Room 35	<1.0	<1.0	N/A		
6-1-RM41-CF	Preschool building; classroom faucet in Room 41	<1.0	<1.0	N/A		
6-1-RM41-DW	Preschool building; drinking water bubbler in Room 41	<1.0	<1.0	N/A		
6-1-ADAMS-DW	Preschool building; drinking water bubbler in Adams Room	<1.0	<1.0	N/A		
7-1-GYM-WC1	Elkay water cooler in Scott Clinton Activity Center; left side	<1.0	<1.0	N/A		
7-1-GYM-WC2	Elkay water cooler in Scott Clinton Activity Center; right side; near girls' restroom	<1.0	<1.0	N/A		
Low Detection (1.0 - 14.9 µg/L)						

Sample ID	Outlet Description	First Draw (µg/L)	Flush (µg/L)	Remedial Action	First Draw (µg/L)	Flush (µg/L)
		Initial Sampling			Resampling	
6-1-RM38-CF	Preschool building; classroom faucet in Room 38	<1.0	1.2			
6-1-RM34-CF	Preschool building; classroom faucet in Room 34	<1.0	4.2			
6-1-RM32-DW	Preschool building; drinking water bubbler in Room 32	1.1	<1.0			
6-1-RM38-DW	Preschool building; drinking water bubbler in Room 38	1.2	<1.0			
5-1-RM19-DW	Drinking water bubbler in Room 19; specialists building	1.4	<1.0			
5-1-RM23-CF	Classroom faucet in Room 23; specialists building	1.6	<1.0			
6-1-RM31-CF	Preschool building; classroom faucet in Room 31	1.8	<1.0			
5-1-RM25-CF	Classroom faucet in Room 25; specialists building	1.9	<1.0			
1-1-RM2-DW	Drinking water bubbler in Room 2	2.1	<1.0			
6-1-RM39-DW	Preschool building; drinking water bubbler in Room 39	3.1	<1.0			
6-1-ADAMS-CF	Preschool building; classroom faucet in Adams Room	3.2	<1.0			
6-1-RM36-DW	Preschool building; drinking water bubbler in Room 36	4.0	<1.0			
1-1-RM4-CF	Classroom faucet in Room 4	4.7	<1.0			
1-1-RM2-CF	Classroom faucet in Room 2	5.0	<1.0			
6-1-RM34-DW	Preschool building; drinking water bubbler in Room 34	6.3	<1.0			
5-1-RM19-CF	Classroom faucet in Room 19; Specialists building	6.7	<1.0			
1-1-RM3-CF	Classroom faucet in Room 3	1.8	<1.0		1.6	1.3
1-1-RM3-DW	Drinking water bubbler in Room 3	16.8	<1.0		1.6	1.7

Dierks Elementary Building key

1: 2007 Building

2: 1970s Building

3: Cafeteria

4: Main Hallway

5: Specialties

6: Pre-K Classrooms

7: Gym