



OKLAHOMA DRINKING WATER

LEAD TESTING

IN PUBLIC SCHOOLS & CHILD CARE FACILITIES

District: Mid-Del Public SchoolsSchool: Highland Park Elementary SchoolSampling Dates: 11/16/2021, 4/13/2022Status: Completed Sampling

RESULTS

Below are the results from the first and second rounds of testing of drinking water for lead that was conducted at Mid-Del Public Schools - Highland Park Elementary School. The initial sampling event occurred on November 16, 2021. The resampling event occurred on April 13, 2022.

In the initial sampling, one hundred four (104) outlets were tested resulting in a total of two hundred eight (208) samples being sent to the lab.

- One hundred forty-two (142) samples had no detectable level of lead.
- Fifty-five (55) samples had a low detection of lead between 1.0 and 14.9 µg/L.
- Eleven (11) samples had a high detection of lead equal to or above 15.0 µg/L.

In the resampling, five (5) outlets were tested resulting in a total of ten (10) samples being sent to the lab.

- Two (2) samples had no detectable level of lead.
- Eight (8) 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.

The table below shows all sample results for the first round of testing. Resample results will be later in this report. 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
		Initial Sampling		
Non-Detect (<1.0 µg/L)				
1-1-GYM-WC1*	Elkay water cooler at entrance to gym; left side	<1.0	<1.0	Replaced ⁺
1-1-GYM-WC2	Elkay water cooler at entrance to gym; right side	<1.0	<1.0	N/A
1-1-CUST-KF	Kitchen faucet in custodian office	<1.0	<1.0	N/A
1-1-TL-KF	Kitchen faucet in teachers' lounge near entrance	<1.0	<1.0	N/A
1-1-TL-IM	Scotsman ice machine in teachers' lounge	<1.0	<1.0	N/A
1-1-RM8-BF1	Bathroom faucet #1 in Room 8; used for brushing teeth	<1.0	<1.0	N/A

Sample ID	Comments	First Draw (µg/L)	Flush (µg/L)	Remedial Action
		Initial Sampling		
1-1-RM8-CF	Classroom faucet in Room 8	<1.0	<1.0	N/A
1-1-RM7-DW	Drinking water bubbler in Room 7; attached to classroom faucet	<1.0	<1.0	N/A
1-1-RM13-CF	Classroom faucet in Room 13	<1.0	<1.0	N/A
1-1-RM15-CF	Classroom faucet in Room 15	<1.0	<1.0	N/A
1-1-RM15-DW	Drinking water bubbler in Room 15; attached to classroom faucet	<1.0	<1.0	N/A
1-1-HALL-WC3	Elkay water cooler in hallway; to right of Room 17; right side	<1.0	<1.0	N/A
1-1-HALL-WC4	Elkay water cooler in hallway; to right of Room 17; left side	<1.0	<1.0	N/A
1-1-RM14-CF	Classroom faucet in Room 14	<1.0	<1.0	N/A
1-1-RM14-DW	Drinking water bubbler in Room 14; attached to classroom faucet	<1.0	<1.0	N/A
1-1-RM17-CF	Classroom faucet in Room 17	<1.0	<1.0	N/A
1-1-RM17-DW	Drinking water bubbler in Room 17; attached to classroom faucet	<1.0	<1.0	N/A
1-1-RM19-CF	Classroom faucet in Room 19	<1.0	<1.0	N/A
1-1-RM16-CF	Classroom faucet in Room 16	<1.0	<1.0	N/A
1-1-RM16-DW	Drinking water bubbler in Room 16; attached to classroom faucet	<1.0	<1.0	N/A
1-1-RM20-DW	Drinking water bubbler in Room 20; attached to classroom faucet	<1.0	<1.0	N/A
1-1-CAFÉ-IM	Manitowoc ice machine in cafeteria	<1.0	<1.0	N/A
1-1-CAFÉ-WC1	Elkay water cooler with bottle filler in cafeteria	<1.0	<1.0	N/A
1-1-CAFÉ-WC2	Elkay bottle filler in cafeteria	<1.0	<1.0	N/A
1-1-RM22-CF1	Classroom faucet with drinking spout in Room 22	<1.0	<1.0	N/A
1-1-RM22-DW	Drinking water bubbler in Room 22; attached to classroom faucet	<1.0	<1.0	N/A

Sample ID	Comments	First Draw (µg/L)	Flush (µg/L)	Remedial Action
		Initial Sampling		
1-1-RM22-CF2	Classroom faucet without drinking spout in Room 22	<1.0	<1.0	N/A
1-1-RM25-DW	Drinking water bubbler in Room 25; attached to classroom faucet	<1.0	<1.0	N/A
1-1-RM25-CF2	Classroom faucet without drinking spout in Room 25	<1.0	<1.0	N/A
1-1-LIB-KF	Kitchen faucet in library; used to make coffee	<1.0	<1.0	N/A
1-1-HALL-WC7	Elkay water cooler with bottle filler in hall; near Room 2; right side	<1.0	<1.0	N/A
1-1-HALL-WC8	Elkay bottle filler in hall; near Room 2; right side	<1.0	<1.0	N/A
1-1-A2-CF1	Classroom faucet with drinking spout in Room A-2	<1.0	<1.0	N/A
1-1-A2-DW	Drinking water bubbler in Room A-2; attached to classroom faucet	<1.0	<1.0	N/A
1-1-A3-DW	Drinking water bubbler in Room A-3; attached to classroom faucet	<1.0	<1.0	N/A
1-1-A3-CF2	Classroom faucet without drinking spout in Room A-3	<1.0	<1.0	N/A
1-1-A5-DW	Drinking water bubbler in Room A-5; attached to classroom faucet	<1.0	<1.0	N/A
1-1-A7-DW	Drinking water bubbler in Room A-7; attached to classroom faucet	<1.0	<1.0	N/A
1-1-A8-CF1	Classroom faucet with drinking spout in Room A-8	<1.0	<1.0	N/A
2-1-C6-DW	Annex building; Drinking water bubbler in Room C-6; attached to classroom faucet	<1.0	<1.0	N/A
2-1-TL-KF	Annex building; Kitchen faucet in teachers' lounge; to left of Room C-6	<1.0	<1.0	N/A
2-1-HALL-WC1	Annex building; Elkay water cooler in hall; near teachers' lounge; right side	<1.0	<1.0	N/A

Sample ID	Comments	First Draw (µg/L)	Flush (µg/L)	Remedial Action
		Initial Sampling		
2-1-HALL-WC2	Annex building; Elkay water cooler with bottle filler in hall; near teachers' lounge; left side	<1.0	<1.0	N/A
2-1-HALL-WC3	Annex building; Elkay bottle filler in hall; near teachers' lounge; left side	<1.0	<1.0	N/A
2-1-C1-CF	Annex building; Classroom faucet in Room C-1	<1.0	<1.0	N/A
2-1-C1-DW	Annex building; Drinking water bubbler in Room C-1; attached to classroom faucet	<1.0	<1.0	N/A
2-1-C4-CF	Annex building; Classroom faucet in Room C-4	<1.0	<1.0	N/A
2-1-C4-DW	Annex building; Drinking water bubbler in Room C-4; attached to classroom faucet	<1.0	<1.0	N/A
2-1-C3-CF	Annex building; Classroom faucet in Room C-3	<1.0	<1.0	N/A
1-1-RM12-CF	Classroom faucet in Room 12	<1.0	<1.0	N/A
2-1-C3-DW	Annex building; Drinking water bubbler in Room C-3; attached to classroom faucet	<1.0	<1.0	N/A
Low Detection (1.0 - 14.9 µg/L)				
1-1-HALL-WC1	Water cooler in hall; between Rooms 5 and 8; right side	<1.0	2.3	Flush
1-1-RM11-CF	Classroom faucet in Room 11	1.0	<1.0	
1-1-RM12-DW	Drinking water bubbler in Room 12; attached to classroom faucet	1.0	<1.0	Flush
1-1-RM23-CF2	Classroom faucet without drinking spout in Room 23	1.1	<1.0	Flush
1-1-RM11-DW	Drinking water bubbler in Room 11; attached to classroom faucet	1.1	1.1	Flush
1-1-RM7-CF	Classroom faucet in Room 7	1.2	<1.0	Flush
1-1-MAIN-KF	Kitchen faucet in main office; behind desks	1.3	<1.0	Flush

Sample ID	Comments	First Draw (µg/L)	Flush (µg/L)	Remedial Action
		Initial Sampling		
1-1-A5-CF1	Classroom faucet with drinking spout in Room A-5	1.3	<1.0	Flush
1-1-A7-CF1	Classroom faucet with drinking spout in Room A-7	1.3	<1.0	Flush
2-1-C5-DW	Annex building; Drinking water bubbler in Room C-5; attached to classroom faucet	1.3	<1.0	Flush
3-1-ART-WC2	Music and arts center; Elkay water cooler in hall; left side	1.3	<1.0	Flush
1-1-KIT-KF	Kitchen faucet in cafeteria kitchen; near handwashing station; used for food prep	1.4	<1.0	Flush
1-1-A4-CF	Classroom faucet in Room A-4	1.4	<1.0	Flush
1-1-A7-CF2	Classroom faucet without drinking spout in Room A-7	1.4	<1.0	Flush
1-1-RM20-CF	Classroom faucet in Room 20	1.5	<1.0	Flush
1-1-RM23-DW	Drinking water bubbler in Room 23; attached to classroom faucet	1.5	<1.0	Flush
1-1-RM8-BF2	Bathroom faucet #2 in Room 8; used for brushing teeth	1.7	<1.0	Flush
3-1-ART-WC1	Music and arts center; Elkay water cooler in hall; right side	1.7	<1.0	Flush
1-1-RM25-CF1	Classroom faucet with drinking spout in Room 25	1.8	<1.0	Flush
1-1-HALL-WC2*	Water cooler in hall; between Rooms 5 and 8; left side	1.8	6.7	Replaced
1-1-RM8-DW	Drinking water bubbler in Room 8; attached to classroom faucet	1.9	1.1	Flush
1-1-RM10-CF	Classroom faucet in Room 10	2.0	<1.0	Flush
1-1-RM19-DW	Drinking water bubbler in Room 19; attached to classroom faucet	2.0	<1.0	Flush
1-1-RM2-CF	Classroom faucet in Room 2	2.3	<1.0	Flush
1-1-A4-DW	Drinking water bubbler in Room A-4; attached to classroom faucet	2.3	<1.0	Flush

Sample ID	Comments	First Draw (µg/L)	Flush (µg/L)	Remedial Action
		Initial Sampling		
1-1-RM10-DW	Drinking water bubbler in Room 10; attached to classroom faucet	2.8	<1.0	Flush
1-1-A8-CF2	Classroom faucet without drinking spout in Room A-8	2.9	<1.0	Flush
1-1-RM18-CF	Classroom faucet in Room 18	3.0	<1.0	Flush
1-1-A8-DW	Drinking water bubbler in Room A-8; attached to classroom faucet	3.2	<1.0	Flush
1-1-NURSE2-NS	Nurse sink in nurse's office; part of main office	3.4	<1.0	Flush
1-1-A3-CF1	Classroom faucet with drinking spout in Room A-3	3.5	<1.0	Flush
1-1-RM18-DW	Drinking water bubbler in Room 18; attached to classroom faucet	4.1	<1.0	Flush
1-1-A6-DW	Drinking Spout in classroom A-6	4.5	<1.0	Flush
1-1-RM23-CF1	Classroom faucet with drinking spout in Room 23	4.7	<1.0	Flush
1-1-RM2-DW	Drinking water bubbler in Room 2; attached to classroom faucet	5.1	1.3	Flush
1-1-A1-CF1	Classroom faucet with drinking spout in Room A-1	5.3	<1.0	Flush
2-1-C2-CF	Annex building; Classroom faucet in Room C-2	5.5	<1.0	Flush
1-1-A1-CF2	Classroom faucet without drinking spout in Room A-1	5.5	1.1	Flush
1-1-A1-DW	Drinking water bubbler in Room A-1; attached to classroom faucet	7.8	<1.0	Flush
1-1-HALL-WC10*	Elkay water cooler in hall; Near Room A-5; right side	7.9	6.6	Replaced
1-1-A6-DW*	Drinking water bubbler in Room A-6; attached to classroom faucet	8.4	<1.0	Replaced
2-1-C2-DW	Annex building; Drinking water bubbler in Room C-2; attached to classroom faucet	11.4	<1.0	Flush

Sample ID	Comments	First Draw (µg/L)	Flush (µg/L)	Remedial Action
		Initial Sampling		
1-1-PTA-DW	Drinking water bubbler in PTA Room; attached to classroom faucet	14.3	2.4	Flush
High Detection (≥ 15.0 µg/L)				
1-1-HALL-WC6	Elkay water cooler in hall; near Room 2; left side; covered at time of sampling	9.4	36.6	Removed
1-1-HALL-WC9	Elkay water cooler in hall; Near Room A-5; left side	10.0	29.6	Removed ⁺
1-1-RM1-DW	Drinking water bubbler in Room 1; attached to classroom faucet	15.9	2.0	Removed
1-1-RM1-CF	Classroom faucet in Room 1	16.5	<1.0	Handwash only
2-1-C6-CF	Annex building; Classroom faucet in Room C-6	19.0	<1.0	
2-1-C5-CF	Annex building; Classroom faucet in Room C-5	26.6	<1.0	Handwash only
1-1-HALL-WC5*	Elkay water cooler in hall; near restrooms and library	26.8	125.0	Replaced
1-1-PTA-CF	Classroom faucet in PTA Room	49.0	4.0	Handwash only
1-1-NURSE1-NS	Nurse sink in old nurse's office; rarely used	80.1	5.8	
1-1-A6-CF1	Classroom faucet with drinking spout in Room A-6	519.0	<1.0	Removed

*Outlet was selected for resampling with results below.

⁺The water cooler at 1-1-GYM-WC1 was replaced with the one from 1-1-HALL-WC9, and therefore was selected for resampling.

Resampling Results

Below is the table showing all results from the second round of sampling. Sample results are in micrograms per liter, shown as µg/L.

Sample ID	Comments	Remedial Action	First Draw (µg/L)	Flush (µg/L)
1-1-GYM-WC1	Elkay water cooler at entrance to gym; left side	Replaced	<1.0	<1.0
1-1-HALL-WC10	Elkay water cooler in hall; Near Room A-5; right side	Replaced	1.4	1.7
1-1-HALL-WC2	Water cooler in hall; between Rooms 5 and 8; left side	Replaced	1.5	1.3
1-1-HALL-WC5	Elkay water cooler in hall; near restrooms and library	Replaced	2.2	2.5
1-1-A6-DW	Drinking water bubbler in Room A-6; attached to classroom faucet	Replaced	2.9	1.1