

Dent-Phelps R-III School District

Lead Testing Plan 2023-2024

Get the Lead Out of School Drinking Water

In accordance with the Missouri State Legislation, "Get the Lead Out of School Drinking Water Act", all districts in Missouri are required to conduct a water quality test of their facilities. The Dent-Phelps R-III School District has developed a plan in order to ensure that the quality of our drinking sources meet the standards set by the state legislature. Below is a timeline of procedures taken by the school district, the results of the testing, remediation steps, and final test results.

Planning Phase:

The maintenance director and superintendent of schools conducted a physical walkthrough of the building to create an inventory of the outlets used for drinking and preparing food. Each source of water was identified on the facilities map in order to determine the number of water samples and location of each source. Eleven locations were determined in use for human consumption. A copy of the facilities map has not been provided with this plan but may be seen by the public by calling the school district.

Testing Phase:

The water samples will be taken by a certified water operator who is trained and certified by the Missouri Department of Natural Resources. The water samples will be sent to Pace Analytical Services, LLC.

Procedures for initial outlet samples are shown below:

1. All samples are to be collected before the facility opened and before the fixtures had been used (EPA recommends an 8-18 hour stagnation period).
2. One 250-mL sample will be taken at each fixture. Guidelines provided by the EPA to test various water sources were followed.
3. Each sample will be labeled with the type of outlet and location within the building.
4. Each sample will be securely placed into the Pace Analytical Services return mailing package and sent to the facility within the 10-day return policy.

Results:

The certified water operator collected the lead water samples on February 14, 2024.
The samples were received by Pace Analytical Services on February 16, 2024.
The district received the lead testing results on February 28, 2024.

The results indicated that the lead level within all water sources at Dent-Phelps R-III were less than 1.00 ppb which is far below the allowable limit set by state legislation.

Remediation Plan:

All samples were below 5.00 ppb so no remediation is needed.

Final Test Results:

The initial testing indicate that all drinking outlets used for human consumption tested met the standards set by the state legislature. The school district will continue to ensure that the water quality of our facility is maintained and will retest within the guidelines set by the state legislature.

Additional Resources:

For further information in regard to water quality, please visit the below:

<https://health.mo.gov/living/environment/get-the-lead-out-of-school/>

