



Lead in School Drinking Water Report & Action Plan

Edwin Markham Elementary School

The Pasco School District (PSD) prioritizes the health and safety of its students and community. Washington State requires all drinking water fixtures in public schools built, or with all plumbing replaced, before 2016 be tested for lead by June 30, 2026, with retesting at least once every five years thereafter.

To safeguard public health, the U.S. Environmental Protection Agency (EPA) has established standards for lead in drinking water and recommends taking action when concentrations exceed 15 parts per billion (ppb). However, Washington State has adopted a more protective standard for schools, requiring action when lead levels exceed 5 ppb. These thresholds are not indicators of health effects but serve as signals for when work should begin to reduce lead concentrations in drinking water.

PSD has implemented a districtwide water quality testing program to ensure compliance with RCW 28A.210.410. This document provides an overview of the process, results, and corrective actions from the 2024 sampling event.

How the Testing Process Works

STEP 1



An inventory of all water fixtures at the school used for drinking or cooking is taken and reviewed.

STEP 2



Water samples are collected from identified fixtures and sent to an accredited laboratory for testing.

STEP 3



Fixtures with sample results exceeding 5 ppb are removed from service and an action plan developed.

STEP 4



Additional investigation and corrective actions are taken to reduce lead concentration levels.

STEP 5



Fixtures are resampled to determine if they are ready to be returned to service.

Sampling Events & Results

Sampling Date(s)	Sampling Agency	Sampling Event Type	Samples Collected	Samples > 5 ppb	Results Received
02/29/24	WA Department of Health	Initial	52	0	03/27/24
10/16/24	WA Department of Health	New Fixture Testing	2	0	11/15/24

Corrective Action Plan

Fixtures with lead levels above 5 ppb require an action plan, following [DOH technical guidance](#), to reduce levels to 5 ppb or below. Work begins immediately upon receiving results, while formal action plans are prepared, opened for public comment, and adopted by the District's Board of Directors. **A formal action plan is not required at this time as no fixture had a lead concentration greater than 5 ppb.**

For additional information about this report, please contact:

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