Lead in School Drinking Water Report & Action Plan
James McGee Elementary School

FINAL

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	Sampling Agency	Sampling Event Type	Samples Collected	Samples > 5 ppb	Results Received
03/20/24	WA Department of Health	Initial	71	2	04/17/24
10/02/24	WA Department of Health	Post-Remediation	5	2	11/08/24
01/16/25	PBS Engineering & Environmental	Post-Remediation	2	0	01/29/25

This table will be updated as post-remediation re-sampling events are conducted.

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.

Public Comment Period	Plan Adopted by School Board	Plan Last Updated
February 10, 2025 – February 24, 2025	*March 25, 2025*	*February 5, 2025*

The action plan that follows addresses the following three key components:

1) **Mitigation Measures**: Immediate actions implemented upon receiving elevated lead test results to prevent access to drinking water with lead concentrations exceeding 5 ppb. These temporary or permanent measures may include shutting off the fixture or labeling it as "hand washing only." Fixtures with lead concentrations above 15 ppb must be shut off immediately.
2) **Scheduled Remediation Activities**: Long-term solutions designed to permanently reduce lead concentrations in drinking water to 5 ppb or less. These actions typically include replacing fixtures, pipes, or other sources of lead contamination.
3) **Post-Remediation Sampling:** Information regarding follow-up testing performed after remediation to verify that lead concentrations have been reduced to 5 ppb or less, ensuring the effectiveness of the remediation efforts.

Fixture ID	Location	Fixture Type	Remediation Status
JMES-054-CF	Classroom C4	Faucet	Complete

Mitigation Measures: Water shut off and fixture removed from service.

Remediation Plan: Fixture was replaced and remained out of service until post-remediation testing confirmed that replacement and new-fixture conditioning was effective in reducing lead concentrations to 5 ppb or less.

Sampling Activities:

Sampling Date	Sample ID	Purpose of Sampling	Results
03/20/24	370861	Initial Sampling	9 ppb
10/02/24	389868	Post-Remediation Sampling	3 ppb

Remediation Complete – Fixture Returned to Service

Fixture ID	Location	Fixture Type	Remediation Status
JMES-042-CF	Classroom B4	Faucet	Complete

Mitigation Measures: Water shut off and fixture removed from service.

Remediation Plan: Fixture was replaced and remained out of service until post-remediation testing confirmed that replacement and new-fixture conditioning was effective in reducing lead concentrations to 5 ppb or less.

Sampling Activities:

Sampling Date	Sample ID	Purpose of Sampling	Results
03/20/24	370921	Initial Sampling	7 ppb
10/02/24	389866	Post-Remediation Sampling	21 ppb
01/16/25	WA-11001-4155-001CF	Post-Remediation Sampling	2.5 ppb

Remediation Complete – Fixture Returned to Service

Fixture ID	Location	Fixture Type	Remediation Status
JMES-029-CDF	Classroom A6	Drinking Fountain	Complete

Mitigation Measures: Water shut off and fixture removed from service.

Remediation Plan: Fixture was replaced and remained out of service until post-remediation testing confirmed that replacement and new-fixture conditioning was effective in reducing lead concentrations to 5 ppb or less.

Sampling Activities:

Sampling Date	Sample ID	Purpose of Sampling	Results
03/20/24	370897	Initial Sampling	4 ppb
10/02/24	389862	Post-Remediation Sampling	6 ppb
01/16/25	WA-11001-4155-002DW	Post-Remediation Sampling	1 ppb

Remediation Complete – Fixture Returned to Service

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For additional information about this report, please contact:

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