# Lead in School Drinking Water Report & Action Plan

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|---|---|---|---|
| **School** | McKenna Elementary | | |
| **Plan Adopted by School Board** | July 16, 2026 | **Plan Last Updated** | July 6, 2026 |

As part of the safeguards for public health and our commitment to the health and safety of our community, Yelm Community Schools has developed a reporting and action plan based on the Environmental Protection Agency (EPA) standards of lead concentration to not exceed 15 parts per billion (ppb) and the State of Washington standards to not exceed 5 ppb. These thresholds are not indicators of health effects but provide markers for when steps should be taken to reduce lead concentration in drinking water.

## How the Testing Process Works

| STEP 1 | STEP 2 | STEP 3 | STEP 4 | STEP 5 |
|---|---|---|---|---|
| Inventory all water fixtures at the school used for drinking or cooking | Water samples are collected from fixtures by a third party and sent to accredited lab for testing | Fixtures with sample results greater than 5 ppb are removed from service and an action plan is create | Corrective action is taken to reduce lead levels through replacement or repair | Fixtures are resampled to determine if they can be returned to service |

## Sampling Dates & Results

Public K–12 school buildings built, or with all plumbing replaced, before 2016 are required to have drinking water tested for lead. Schools must have their drinking water tested for lead at least once between July 1, 2014, and June 30, 2026. Retesting is required at least once every five years beginning July 1, 2026.

| Date of Sample | Sampling Agency | Sampling Type | # of Samples Collected | Samples > 5 ppb | Results Received |
|---|---|---|---|---|---|
| Mar 11, 2026 | Water Management Laboratories | Initial | 31 | 24 | May 11, 2026 |

## Result Calculation

Per the Department of Health, testing results are provided in milligrams per liter (mg/L). Results are converted into parts per billion (ppb) to determine the level of lead recorded. The ppb level then determines if a faucet requires remediation and/or mitigation. For example, a result of .0054 mg/L would convert to 5 ppb, which is displayed in whole numbers.

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## Corrective Action Plan

Follow Washington DOH guidelines and RCW 28.A.210.410 (5)(b)(i-iv), the action plan for any fixture resulting in >5 ppb must:

- Be developed in consultation with the DOH or local health jurisdiction regarding technical guidance and with the Office of the Superintendent of Public Instruction (OSPI) regarding funding for remediation activities.
- Describe mitigation measures implemented since led test results were received.
- Include a schedule of remediation activities.
- Include post-remediation retesting to confirm remediation activities reduced lead concentrations for identified fixtures.

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 402 | Kitchen | Kitchen Pot Filler/Sprayer |
| **Mitigation Measures:** | Isolated Fixture | Hand Washing Only |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 7 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 404 | Health Room | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Hand Washing Only |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 11 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 406 | Staff Lounge | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Hand Washing Only |
| **Remediation Plan:** | Fixture Replace & Retesting | |

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| Date | Purpose of Sampling | Results |
|---|---|---|
| Mar 11, 2026 | Initial Test | 10 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 409 | Rm 2 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 20 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 410 | Rm 3 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 23 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 412 | Rm 4 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Hand Washing Only |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 10 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 413 | Rm 5 | Sink Faucet |

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|---|---|---|
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 22 |

| **Fixture/Sample ID** | **Location** | **Fixture Type** |
|---|---|---|
| 415 | Rm 7 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 50 |

| **Fixture/Sample ID** | **Location** | **Fixture Type** |
|---|---|---|
| 416 | Rm 8 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 19 |

| **Fixture/Sample ID** | **Location** | **Fixture Type** |
|---|---|---|
| 417 | Rm 6 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Hand Washing Only |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 14 |

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| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 418 | Rm 12 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 25 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 419 | Rm 10 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 79 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 420 | Rm 9 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 16 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 421 | SPED Room | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |

| | | |
|---|---|---|
| Mar 11, 2026 | Initial Test | 26 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 422 | Rm 14 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Hand Washing Only |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 14 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 423 | Rm 13 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 87 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 424 | Rm 15 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 34 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 425 | Rm 16 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |

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|---|---|---|
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 27 |

| **Fixture/Sample ID** | **Location** | **Fixture Type** |
|---|---|---|
| 426 | Rm 17 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 33 |

| **Fixture/Sample ID** | **Location** | **Fixture Type** |
|---|---|---|
| 428 | Rm 18 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Hand Washing Only |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 15 |

| **Fixture/Sample ID** | **Location** | **Fixture Type** |
|---|---|---|
| 429 | Rm 19 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Hand Washing Only |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 8 |

| **Fixture/Sample ID** | **Location** | **Fixture Type** |
|---|---|---|

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|---|---|---|
| 430 | Rm 20 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Hand Washing Only |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 15 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 431 | Rm 21 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 94 |

| Fixture/Sample ID | Location | Fixture Type |
|---|---|---|
| 432 | Rm 22 | Sink Faucet |
| **Mitigation Measures:** | Isolated Fixture | Turn Off Water |
| **Remediation Plan:** | Fixture Replace & Retesting | |
| **Date** | **Purpose of Sampling** | **Results** |
| Mar 11, 2026 | Initial Test | 36 |