



STATE OF WASHINGTON
DEPARTMENT OF HEALTH
OFFICE OF ENVIRONMENTAL PUBLIC HEALTH SCIENCES
243 Israel Road SE • PO Box 47825 • Olympia, Washington 98504-7825
TDD Relay Service: 1-800-833-6388

November 19, 2019

Jamie Plenkovich
Director of Facilities and Maintenance
Eagleridge Elementary
2651 Thornton Rd
Ferndale, Washington 98248

Dear Jamie Plenkovich:

Thank you for helping us implement the governor's directive on lead and improve the health and safety of children in Washington.

On October 29, 2019, water samples were collected from sixty eight drinking water fixtures at Eagleridge Elementary and tested for lead. Two fixtures had lead levels that exceeded twenty parts per billion (ppb). The test results from your school are attached.

Children are exposed to lead from a variety of sources in their environments. Exposure sources include dust from old, deteriorating lead paint, contaminated soil, take-home exposures from parents who work in certain industries, and many others. Each of these sources contributes to the amount of lead in the bodies of children.

It is important to reduce exposure from every source as much as possible. The attached recommendations can help you decide on actions to take to reduce the amount of lead in your school's drinking water. Please review these recommendations and take immediate actions for fixtures that have high lead levels.

What to do next:

1. **Communicate** with staff, students, parents and the community about water test results and any actions you are taking in response. Please note: we will post results on the DOH website, no sooner than one month from the date of this letter.
 - We have included a template letter that can be customized to communicate to parents and your school community.
 - We suggest making the results available on your district website and through your office.
2. **Address** the sources of lead in the drinking water at your school. To assist you we have included the "Guidelines for Responding to Lead Test Results" matrix and a list of recommended actions. *There are resources in the capital facilities budget set aside for remediation. Please contact Justin Rogers with the Office of the Superintendent of Public Instruction at 360-725-6261 or email at Justin.rogers@k12.wa.us for further information.*
3. **Notify** us if your school district cannot immediately address issues identified by these results. Please describe interim measures that will be taken to reduce exposure to lead from those fixtures which had

elevated lead results and any plans for remediation. This information should also be provided to staff and your community.

How were the samples taken and analyzed?

Cold water samples were collected from every tap used by students for drinking or used to prepare food for students. These were “first draw” samples, in which the water is allowed to sit in the plumbing system for eight to eighteen hours before the sample is collected. Samples were analyzed by our Public Health Laboratory using EPA method 200.8.

If you have questions regarding test results, or need additional information please contact me at 360.236.3248, or e-mail at annemarie.charles@doh.wa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Anne Marie Charles', with a stylized flourish at the end.

Anne Marie Charles
School Lead in Drinking Water Coordinator

Recommended Actions

These actions will help you reduce lead in your drinking water. If you need further technical assistance please contact DOH.

- For each fixture with lead results equal to or over 20 ppb, we recommend that you:
 - Take the fixture out of service or make it inaccessible to students and staff.
 - Take flush samples to determine where the lead is coming from (the fixture or plumbing system).
 - Replace fixtures with certified lead-free fixtures or remove the fixtures permanently if they are not needed. You can provide bottled water to students and staff on an interim basis while you are replacing fixtures if necessary.
 - If you plan to replace fixtures, contact DOH to discuss the steps you can take to ensure the water is safe to drink before returning it to use.

- For each fixture with lead results between 10 and 19 ppb we recommend that you choose one or more of the following:
 - Replace fixtures with certified lead-free fixtures or remove the fixtures permanently if they are not needed. You can provide bottled water to students and staff on an interim basis while you are replacing fixtures if necessary.
 - Implement a flushing program to help reduce lead levels that may increase while fixtures are not in use.
 - Clean aerators regularly to remove particulates that may contain lead.
 - Install a National Sanitation Foundation (NSF) certified filter to remove lead and replace it as recommended by the manufacturer.
 - Permanently convert these fixtures to hand wash only stations. An example of a hand wash only graphic is available [here](#).
 - Remove the fixture permanently.
 - If you plan to replace fixtures, contact DOH to discuss the steps you can take to ensure the water is safe to drink before returning it to use.

- For each fixture with lead results between 2 and 9 ppb we recommend that you:
 - Implement a flushing program to help reduce lead levels that may increase while fixtures are not in use.
 - Clean aerators regularly to remove particulates that may contain lead.



Name of Sampler: Lisa Christensen
Date Collected: 10/29/2019
School Name: Eagleridge Elementary
School Code: 4482
School District: Ferndale
School Address: 2651 Thornton Rd, Ferndale WA 98248
School County: Whatcom
Number of Samples Collected: 68
School Point of Contact (POC): Jamie Plenkovich
POC Title: Director of Facilities and Maintenance
POC Email: plenkovich@ferndalesd.org
POC Phone Number: (360) 383-9234
Date Samples Sent to Lab: 10/28/2019
Date Samples Received by Lab: 11/01/2019
Shipment Tracking Number: Hand Delivered 10/30/19

Program ID	Sample Type	Description	Location	Lead Results (ppb)	Analysis Date	Comments
26357	other	other		<1	11/18/2019	04143, 5:51 AM
26409	FirstDraw	Tap	Health Clinic, Nurseâ s Station	3	11/18/2019	Mineral deposits on aerator
27560	FirstDraw	Bubbler	Office 3	<1	11/18/2019	
27561	FirstDraw	Tap	Office 3	3	11/18/2019	
27562	FirstDraw	Tap	Staff Lounge	<1	11/18/2019	
27563	FirstDraw	WaterCooler	Staff Lounge	<1	11/18/2019	
27564	FirstDraw	Tap	Kitchen, Food Prep Sink	1	11/18/2019	Food Prep, Middle Island Sink
27565	FirstDraw	Bubbler	Cafeteria	<1	11/18/2019	Left Bubbler
27566	FirstDraw	BottleFiller	Cafeteria	<1	11/18/2019	
27567	FirstDraw	Bubbler	Cafeteria	<1	11/18/2019	Right Bubbler
27568	FirstDraw	Bubbler	Room 112	<1	11/18/2019	2 Outlet High Sink
27569	FirstDraw	Tap	Room 112	2	11/18/2019	2 Outlet High Sink

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Program ID	Sample Type	Description	Location	Lead Results (ppb)	Analysis Date	Comments
27570	FirstDraw	Tap	Room 112	1	11/14/2019	1 Outlet Low Sink, backpack soaking in sink
27571	FirstDraw	Bubbler	Room 201	<1	11/18/2019	2 Outlet Low Sink
27572	FirstDraw	Tap	Room 201	<1	11/18/2019	2 Outlet Low Sink
27573	FirstDraw	Tap	Room 201	36	11/18/2019	1 Outlet High Sink, no aerator
27574	FirstDraw	Bubbler	Room 202	<1	11/18/2019	2 Outlet Low Sink
27575	FirstDraw	Tap	Room 202	<1	11/18/2019	2 Outlet Low Sink
27576	FirstDraw	Tap	Room 202	33	11/18/2019	Mineral deposits on aerator, 1 Outlet High Sink
27577	FirstDraw	Tap	Library Office Sink	<1	11/18/2019	
27578	FirstDraw	Bubbler	Room 216	<1	11/18/2019	
27579	FirstDraw	Tap	Room 216	2	11/18/2019	
27580	FirstDraw	Bubbler	Student Support Center	<1	11/18/2019	
27581	FirstDraw	Tap	Student Support Center	1	11/18/2019	
27582	FirstDraw	Bubbler	Room 225	<1	11/18/2019	
27583	FirstDraw	Tap	Room 225	<1	11/18/2019	
27584	FirstDraw	Bubbler	Room 224	<1	11/18/2019	
27585	FirstDraw	Tap	Room 224	<1	11/18/2019	
27586	FirstDraw	Bubbler	Room 223	<1	11/18/2019	
27587	FirstDraw	Tap	Room 223	<1	11/18/2019	
27588	FirstDraw	Bubbler	Room 222	<1	11/18/2019	
27589	FirstDraw	Tap	Room 222	1	11/18/2019	
27590	FirstDraw	Bubbler	Outside Room 222	<1	11/18/2019	Left Bubbler

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Program ID	Sample Type	Description	Location	Lead Results (ppb)	Analysis Date	Comments
27591	FirstDraw	Bubbler	Outside of Room 222	<1	11/18/2019	Right Bubbler
27592	FirstDraw	Bubbler	Room 221	<1	11/18/2019	
27593	FirstDraw	Tap	Room 221	1	11/18/2019	
27594	FirstDraw	Bubbler	Room 220	<1	11/18/2019	
27595	FirstDraw	Tap	Room 220	<1	11/18/2019	
27596	FirstDraw	Bubbler	Room 219	<1	11/18/2019	
27597	FirstDraw	Tap	Room 219	2	11/18/2019	
27598	FirstDraw	Bubbler	Room 218	<1	11/18/2019	
27599	FirstDraw	Tap	Room 218	<1	11/18/2019	
27600	FirstDraw	Tap	Faculty Planning Room	3	11/18/2019	
27601	FirstDraw	Bubbler	Room 217	<1	11/18/2019	
27602	FirstDraw	Tap	Room 217	1	11/18/2019	
27603	FirstDraw	Bubbler	Room 203	1	11/18/2019	
27604	FirstDraw	Tap	Room 203	<1	11/18/2019	
27605	FirstDraw	Bubbler	Room 204	<1	11/18/2019	
27606	FirstDraw	Tap	Room 204	1	11/18/2019	
27607	FirstDraw	Bubbler	Room 205	<1	11/18/2019	
27608	FirstDraw	Tap	Room 205	2	11/18/2019	
27609	FirstDraw	Bubbler	Room 206	<1	11/18/2019	
27610	FirstDraw	Tap	Room 206	1	11/18/2019	
27611	FirstDraw	Bubbler	Room 207	<1	11/18/2019	
27612	FirstDraw	Tap	Room 207	<1	11/18/2019	
27613	FirstDraw	Bubbler	Outside Room 207	<1	11/18/2019	Left Bubbler
27614	FirstDraw	Bubbler	Room 207	<1	11/18/2019	Right Bubbler
27615	FirstDraw	Bubbler	Room 208	<1	11/18/2019	
27616	FirstDraw	Tap	Room 208	<1	11/18/2019	
27617	FirstDraw	Bubbler	Room 209	<1	11/19/2019	
27618	FirstDraw	Tap	Room 209	<1	11/19/2019	
27619	FirstDraw	Bubbler	Room 210	<1	11/19/2019	
27620	FirstDraw	Tap	Room 210	3	11/19/2019	

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Program ID	Sample Type	Description	Location	Lead Results (ppb)	Analysis Date	Comments
27621	FirstDraw	Bubbler	Room 211	<1	11/19/2019	
27622	FirstDraw	Tap	Room 211	1	11/19/2019	
27623	FirstDraw	Tap	East Pod Faculty Planning	5	11/19/2019	
27624	FirstDraw	Bubbler	Room 212	<1	11/19/2019	
27625	FirstDraw	Tap	Room 212	<1	11/19/2019	