Healthy and Safe Schools

(HASS) Plans &

Mandatory Water Testing
1) Please stand and count off by 5s
1) Please stand and count off by 5s

2) If you are a “5”, please sit.
1) Please stand and count off by 5s
2) If you are a “5”, please sit.
3) Those standing represent the percentage of schools that still have testing to do by June 30, 2020
Only 15 - 20% of schools have completed all testing required by the new regulations.
Agenda

- Testing requirements & schedule
- Testing procedures
- Immediate actions required
- Data collection
- Reimbursement program
Cliff Notes Version of Mandatory Water Testing

Stakeholder Group

- Oregon Department of Education (ODE)
- Oregon Health Authority (OHA)
- Several School Districts
- Confederation of School Administrators (COSA)
- Oregon School Board Association (OSBA)
- Parent Teachers Association

6 Year testing cycle
What Fixtures are Required to be Tested?

All fixtures – Except:

(i) Shower heads;

(ii) Pipes used to convey water to systems for building heat;

(iii) Dedicated eye wash stations and emergency showers;

(iv) Fixtures in areas with no student access used exclusively for building sanitation purposes by staff;

(v) Fixtures used exclusively for irrigation, unless it is reasonable to believe that students or staff will use water from that fixture for drinking; and

(vi) Fixtures in science and technical education classrooms that provide education to grades 6 through 12 exclusively where the fixtures:

(I) Have signs indicating they are not sources of drinking water; and

(II) Are not intended to be used for drinking or food preparation as part of the curriculum.
Action level has been reduced to **15** parts per billion (ppb)
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Completion of Initial Testing by All Districts</td>
<td></td>
<td>Districts with 1-3 Schools</td>
<td>Districts with 4-6 Schools</td>
<td></td>
<td>ESDs</td>
<td>Districts with 7-8 Schools</td>
<td>Districts with 9-10 Schools</td>
</tr>
</tbody>
</table>

- **Districts must test all facilities owned or leased - NOT just instructional facilities**
- **Charter schools must test in the same year as their district**
- **Districts which are required to test over multiple years must test approximately equal numbers of schools and fixtures each year**
Pre-Collection Criteria

- School in session on previous day
- 8 to 18 hours of stagnation
- Fixture not leaking
To Collect Lead Samples at School Taps

**Bottle size:** 250 mls

1) Fill out label on bottle (Client, Date/Time Collected, Sample Point/Location) and record information in the log.

2) **DO NOT TURN ON THE TAP YET.**
   Some labs may put acid preservative in bottle so look at label and see if it notes that acid is in bottle. If acid is in bottle, use glasses and point bottle away from your face when filling.

3) Remove cap from sample bottle and set aside.

4) Hold sample bottle under tap.

5) **NOW** turn on the tap, **SLOWLY.** (So water does not splatter all over and so you don’t overfill the bottle.)

6) Fill sample bottle to the bottom of the neck. (Lab need space in then bottle to shake and mix sample.)

7) Place cap back on sample bottle.

8) Your are done sampling with that bottle. Record information in log and proceed to next.

**Lead samples do NOT needs to be iced.**
**Labs will acidify/preserve the samples at the lab**
DO NOT:

* Rinse bottle and then collect sample.
* Do not **partially** fill the bottle. Fill to the bottom of the neck.
* Do not **overfill** the bottle. Fill to the bottom of the neck.
If 15 ppb or more:

- Eliminate access within 48 hours
- Draw flush sample
Same process as first draw sample except run water for 30 seconds prior to collecting sample
Return to service:

NOT until follow-up testing shows lead levels below the 15ppb action level
Exception:

If tap is used primarily for sanitation, access may continue for up to 30 days with clear signage.
### Water Testing Reimbursement Template

<table>
<thead>
<tr>
<th>Fixture Location/Description</th>
<th>Initial Test Date</th>
<th>Initial Test Result (ppb)</th>
<th>Number of Retests</th>
<th>Final Test Result (ppb)</th>
<th>Misc. Lab Cost Per Sample</th>
<th>Lab Cost Per Sample</th>
<th>Shipping Expense Per Sample</th>
<th>Initial Test Date</th>
<th>Final Test Result (ppb)</th>
<th>Remimburseable Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nurses room sink</td>
<td>4/11/2019</td>
<td>180</td>
<td>2</td>
<td>6.3</td>
<td>$25.00</td>
<td>3</td>
<td>$75.00</td>
<td>4/11/2019</td>
<td>6.5</td>
<td></td>
</tr>
<tr>
<td>1st floor main hall fountain</td>
<td>4/11/2019</td>
<td>1.6</td>
<td>-</td>
<td></td>
<td>$25.00</td>
<td>1</td>
<td>$25.00</td>
<td>4/11/2019</td>
<td>1.6</td>
<td></td>
</tr>
<tr>
<td>1st floor main hall bottle</td>
<td>4/11/2019</td>
<td>1.8</td>
<td>-</td>
<td></td>
<td>$25.00</td>
<td>1</td>
<td>$25.00</td>
<td>4/11/2019</td>
<td>1.8</td>
<td></td>
</tr>
<tr>
<td>1st floor boys restroom-L</td>
<td>4/11/2019</td>
<td>1100</td>
<td>4</td>
<td>13</td>
<td>$25.00</td>
<td>5</td>
<td>$125.00</td>
<td>4/11/2019</td>
<td>13.5</td>
<td></td>
</tr>
<tr>
<td>1st floor girls restroom-C</td>
<td>4/11/2019</td>
<td>1100</td>
<td>4</td>
<td>13</td>
<td>$25.00</td>
<td>5</td>
<td>$125.00</td>
<td>4/11/2019</td>
<td>13.5</td>
<td></td>
</tr>
<tr>
<td>1st floor girls restroom-C</td>
<td>4/11/2019</td>
<td>1100</td>
<td>4</td>
<td>13</td>
<td>$25.00</td>
<td>5</td>
<td>$125.00</td>
<td>4/11/2019</td>
<td>13.5</td>
<td></td>
</tr>
</tbody>
</table>

**Total # of Tests:** 32

**Required Fixtures:** 23

**Exempt as New Plumbing:** 9

**Exempt by Fixture Type:** -

**Reimbursable Amount:** $882.55
Building Identification Number (BIN)

- **Format:** XXXX-XX-XX
  - **First 4 digits:** District ID #
  - **5th & 6th digits:** Particular school or campus
  - **7th & 8th digits:** Specific building
Fixture Identification Number

- **Format:** xxxxxxxxxx-XXX-XX
  - 9th thru 11th digits: Fixture number
  - 12th & 13th digits: Fixture Type Code
Sample Identification Number

- **Format:** XXXXXXXXXX-xxx-xx- XX-X
  - **First 13 digits:** Fixture Identification Number
  - **14th & 15th digits:** Fiscal year of test
  - **16th digit:** A-1st sample, B-2nd sample etc.
Examples

- **BIN:** 99990400
- **Fixture ID:** 99990400-004-BF
- **Sample ID:** 99990400-004BF19A
Submit the Following Documents

- *Signed Grant Agreement*
- *Completed Reimbursement Template*
  - Must submit as Excel document
  - Separate template for each building
  - Can be separate pages in a workbook
- *Invoices from the testing lab*
- *Shipping receipts*
Important work
Important work

Lead levels as high as 14,000 ppb
Important work

Lead levels as high as 14,000 ppb
More than 900 times action level
Important work

Lead levels as high as 14,000 ppb
More than 900 times action level
100 times or more above action level not uncommon
Important work

Lead levels as high as 14,000 ppb
More than 900 times action level
100 times or more above action level not uncommon
Without testing – cannot know if students will suffer serious harm until it’s too late
THANK YOU
For your participation

Brian Hodges-French
Program Analyst
Healthy And Safe Schools Coordinator
Office of Finance and Administration | Office of School Facilities
503-947-5970
Brian.French@ode.state.or.us | www.oregon.gov/ode

Michael Elliott
School Facilities Program Manager
Oregon Department of Education | Office of Finance and Administration
503-947-5627 cell:503-551-9227
Michael.s.elliott@state.or.us | www.oregon.gov/ode

Michael P. Lammers
Program Analyst
Building Collection Administrator
Office of Finance and Administration | Office of School Facilities
503-572-4745
Michael.Lammers@ode.state.or.us | www.oregon.gov/ode