

Healthy and Safe Schools

(HASS) Plans &

Mandatory Water Testing



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Oregon achieves . . . together!

1) Please stand and count off by 5s



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1) Please stand and count off by 5s

2) If you are a “5”, please sit.



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- 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



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***Only 15 - 20% of schools have
completed all testing required by
the new regulations***



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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)*

Required Testing Schedule Based on District Size

| Years Denote Fiscal Year (FY) | | | | | | |
|---|-------------------------------|-------------------------------|------------------------------|------------------------------|-----------------------------|----------------------|
| 2020 FY (2019-20) | 2021 FY (2020-21) | 2022 FY (2021-22) | 2023 FY (2022-23) | 2024 FY (2023-24) | 2025 FY (2024-25) | 2026 FY (2025-26) |
| Completion of Initial Testing by All Districts | Districts with 1-3 Schools | | | | | |
| | | Districts with 4-6 Schools | | | | |
| | | | ESDs | | | |
| | | | Districts with 7-8 Schools | | | |
| | | | | | Districts with 9-10 Schools | |
| | | | | Districts with 11-15 Schools | | |
| | | | Districts with 16-20 Schools | | | |
| | | Districts with 20 + Schools | | | | |

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 overflow the bottle. Fill to the bottom of the neck.



Immediate Actions

- ***If 15 ppb or more:***
- ***Eliminate access within 48 hours***
- ***Draw flush sample***



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.***

| | |
|-----------------------|---------------------------|
| District Name: | Brian & Michael SD 24K |
| District ID #: | 9999 |
| School Name: | Brian & Michael High |
| Building Name: | High School Main Building |
| Building ID #: | 9990400 |
| Date: | 4/11/2019 |

| Fixture ID # Coding | |
|------------------------------|--------------------------|
| DW = Drinking Water Fountain | SF = Staff/Office Faucet |
| WC = Water Cooler (Chiller) | KF = Kitchen/Food Prep |
| WB = Water Bottle Filler | IM = Ice Machine |
| CF = Classroom Faucet | SH = Shower Head |
| BF = Bathroom Faucet | OS = Outside Spigot |
| NS = Nurse's Office Sink | OT = Other (Specify) |

Water Testing Reimbursement Template

| Building Fixture Count | | | |
|------------------------|------------------------|------------------------|----------------|
| Required Fixtures | Exempt by Fixture Type | Exempt as New Plumbing | Total Fixtures |
| 23 | 9 | - | 32 |

| Fixture Location/Description | Fixture ID # (coded from key above) | Initial Test Date | Initial Test Result (ppb) | Number of Retests | Final Test Result (ppb) | Misc. Lab Cost (if applicable) | Shipping Expense (if applicable) | Lab Cost Per Sample | Total # of Tests | Reimbuseable Amount |
|---------------------------------|--|-------------------|---------------------------|-------------------|-------------------------|--------------------------------|----------------------------------|---------------------|------------------|---------------------|
| Nurses room sink | 99990400-001-NS | 4/11/2019 | 180 | 2 | 6.3 | | | \$ 25.00 | 3 | \$ 75.00 |
| 1st floor main hall fountain | 99990400-002-DW | 4/11/2019 | 1.6 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 1st floor main hall bottle fill | 99990400-003-WB | 4/11/2019 | 1.8 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 1st floor boys restroom-L | 99990400-004-BF | 4/11/2019 | 22 | 2 | 0.8 | | | \$ 25.00 | 3 | \$ 75.00 |
| 1st floor boys restroom-C | 99990400-005-BF | 4/11/2019 | 310 | 3 | 1.2 | | | \$ 25.00 | 4 | \$ 100.00 |
| 1st floor boys restroom-R | 99990400-006-BF | 4/11/2019 | 6.5 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 1st floor girls restroom-L | 99990400-007-BF | 4/11/2019 | 7 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 1st floor girls restroom-C | 99990400-008-BF | 4/11/2019 | 6.3 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 1st floor girls restroom-L | 99990400-009-BF | 4/11/2019 | 3 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| Room 114 NW sink | 99990400-015-CF | 4/11/2019 | 11.1 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| Room 114 NE sink | 99990400-016-CF | 4/11/2019 | 1100 | 4 | 13 | | | \$ 25.00 | 5 | \$ 125.00 |
| 1st floor staff room sink | 99990400-017-SF | 4/11/2019 | 0.7 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 1st floor staff restroom | 99990400-018-BF | 4/11/2019 | 0.2 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 2nd floor main hall fountain | 99990400-019-DW | 4/11/2019 | 3.5 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 2nd floor main hall bottle fill | 99990400-020-WB | 4/11/2019 | 0.7 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 2nd floor boys restroom-L | 99990400-021-BF | 4/11/2019 | 7.2 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 2nd floor boys restroom-R | 99990400-022-BF | 4/11/2019 | 6.4 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 2nd floor girls restroom-L | 99990400-023-BF | 4/11/2019 | 8 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 2nd floor girls restroom-R | 99990400-024-BF | 4/11/2019 | 5.1 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| Room 224 NW sink | 99990400-028-CF | 4/11/2019 | 1.3 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| Room 224 NE sink | 99990400-029-CF | 4/11/2019 | 1.4 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 2nd floor staff room sink | 99990400-030-SF | 4/11/2019 | 7.2 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| 2nd floor staff restroom | 99990400-031-BF | 4/11/2019 | 6 | | | | | \$ 25.00 | 1 | \$ 25.00 |
| Metal Digestion | | | | | | \$ 15.00 | | 0 | 0 | \$ 15.00 |
| Shipping | | | | | | | \$ 17.55 | 0 | 0 | \$ 17.55 |
| Reimbursement Requested | | | | | | | | | 34 | \$ 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:** ***XXXXXXXXX-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***

Reimbursement

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

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Lead levels as high as 14,000 ppb

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

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More than 900 times action level

100 times or more above action level not uncommon

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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



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