

## Remediation Guidance

### Child care providers with results at or above 4 ppb

Use this guidance to help you navigate through the remediation process.

#### ACTIONS

1. Receive results.

2. Take **immediate** remediation action for any tap with a result at or above 4 ppb.

3. Inform your CDD licensing technician of any **immediate** remediation actions taken.

#### HOW

Child care providers will receive results by email. Results will be made available to the public one week after results are received from the lab at [healthvermont.gov/leadtest-childcares](http://healthvermont.gov/leadtest-childcares).

For child care programs that operate in a school, we highly encourage you to talk to school administrators (principals and facilities managers) about implementing remediation plans.

Choose an **immediate** remediation action:

- Fixture removal (physically remove OR shut off water flow to the fixture)
- “Do not drink – for hand washing only” sign posting
- Point-of-use filter installation (after consultation with DEC)

Record the **immediate** remediation action and date taken on the green section of your Tap Inventory titled “Results and Remediation Actions for Schools and Child Care Providers.”

Child care providers **must** have a plan in place to provide access to water while remediation actions are being taken. This plan may be to use water from a tap that had results below the action level or to provide bottled water.

Contact your CDD licensing technician and provide them with any **immediate** remediation actions and the date they were taken. The licensing technician will document these so that they show up on the results website.

4. Notify your child care community.

Within 10 business days of receiving results from the lab, notify parents, guardians and staff of your results and **immediate** remediation actions.

Licensed child care programs that operate in a school will receive a results letter from the school. **The programs are responsible for sending out the letter to parents, guardians and staff within 10 business days of the school receiving the results.**

Sample notification letters are available online at [healthvermont.gov/leadtest-childcares](http://healthvermont.gov/leadtest-childcares) and are translated into nine languages.

5. Review results and determine the best **permanent** remediation action for any tap with a result at or above 4 ppb.

**First draw result: at or above 4 ppb**

**Flush result: below 4 ppb**

Choose a permanent FIXTURE remediation action.

**First draw result: below 4 ppb**

**Flush result: at or above 4 ppb**

Choose a permanent PLUMBING remediation action.

**First draw and Flush results: at or above 4 ppb**

Choose a permanent remediation action that will address problems in the FIXTURE and in the PLUMBING.

**Permanent FIXTURE Remediation Actions  
(Reimbursable Expenses):**

- Fixture Removal (physically removing the faucet or fountain and capping supply pipes)
- Fixture Removal – new fixture installation in other location (e.g. centrally located bottle fill station with appropriate filter installation)
- Fixture Replacement
- Point-of-use filter installation (after consultation with DEC)

**Permanent PLUMBING Remediation Actions:**

- Internal plumbing replacement or bypass
- Service line replacement
- Automatic flushing device installation
- Point-of-use filter installation (after consultation with DEC)
- Treatment Installation/Optimization (after consultation with DEC)

When **replacement** is chosen, use new fixtures and pipes that meet current lead-free standards (older plumbing materials contain more lead). Plumbing materials sold after 2014 are required to meet these standards. Find out more about these certifications at [nsf.org/newsroom\\_pdf/Lead\\_free\\_certification\\_marks.pdf](https://www.nsf.org/newsroom_pdf/Lead_free_certification_marks.pdf).

When **filter installation** is chosen, the filter must meet NSF/ANSI Standard 53 or 58. Replace the filter according to manufacturer instructions to ensure the filter continues to remove lead. Recommendations will be listed in the product's owner manual or on the product's packaging.

6. Inform your CDD licensing technician of your **Remediation Plan**.

Inform your CDD licensing technician of your planned permanent remediation actions. By providing this information, you are submitting your required **Remediation Plan**.

The licensing technician will document your plan so that it shows up on the results website.

7. Take **permanent** remediation action for any tap with a result at or above 4 ppb.

Record the **permanent** remediation action and date taken on the green section of your Tap Inventory form titled "Results and Remediation Action for Schools and Child Care Providers."

Save your receipts and invoices for reimbursement.

8. Inform your CDD licensing technician of any **permanent** remediation actions taken.

Contact your CDD licensing technician and provide them with any **permanent** remediation actions and the date they were taken. Your CDD licensing technician will document these so that they show up on the results website.

Was your **permanent** remediation action fixture removal?

YES

**No further action required.**

NO

9. Clean aerators and flush new fixtures or plumbing.

Cleaning aerators and flushing new fixtures and plumbing helps to remove any lead particles that were dislodged during remediation. Following these steps in the first few weeks after remediation helps ensure accurate follow-up results:

- Clean aerators (screens) a couple times per week. Unscrew the aerator from the bottom of the tap. Clean it using water or vinegar, rinse well, then put the aerator back on the tap.
- Run water through new fixtures or plumbing for **a few minutes twice a day for three weeks.**

10. Collect follow-up samples from each tap that was remediated.

1. To order follow-up test kits, contact your CDD licensing technician. Test kits and shipping costs are covered by the State.
2. Collect follow-up samples following the same steps you did for initial sample collection. Do not remove or clean the aerator immediately before collecting samples.
3. Follow the instructions on returning samples to the Vermont Department of Health Laboratory that came with your box of sample bottles.

Were the follow up first draw and flush results **both below 4 ppb**?

YES

No further action required.

NO

Go back to **step 4**

### Need help?

Contact the Department of Environmental Conservation.

- Ben Montross: 802-498-8981 or [ben.montross@vermont.gov](mailto:ben.montross@vermont.gov)
- Catie Bartone: 802-272-0411 or [catharine.bartone@vermont.gov](mailto:catharine.bartone@vermont.gov).

If you are a licensed child care center, take these steps before contacting the DEC:

- Map out your results on a building floor plan. See the example on page 5.
- Fill out the Plumbing Profile Questionnaire available online at [healthvermont.gov/leadtest-childcares](http://healthvermont.gov/leadtest-childcares).

For more information, view the 3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities at [epa.gov](http://epa.gov).

# Example Floor Plan with Results for a Child Care Center

## VERMONT CHILD CARE CENTER Floor Plan

Notes: All results are in parts per billion (ppb)  
 Results in **RED** are at or above the action level  
 FD = First draw  
 F = Flush  
 < = less than

