

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. Register for an account on ANR Online and enter **immediate** remediation actions.

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.

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.

When results are received, register for an ANR Online account at anronline.vermont.gov.

Once you have registered, sign in to ANR Online at anronline.vermont.gov. Look your child care program up to see taps with high lead levels. Select an **immediate** remediation action for each tap and the date it was taken. Certify that you have entered the correct information and submit.

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 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. Submit your **Remediation Plan** on ANR Online.

Sign in to ANR online at anronline.vermont.gov.

Look up your child care program to see taps with high lead levels. Select the planned permanent remediation action for each tap. Certify that you have entered the correct information and submit. By entering this information, you are submitting your **Remediation Plan**.

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."

8. Enter **permanent** remediation action on ANR Online.

Sign in to ANR online at anronline.vermont.gov.

Look up your child care program to see taps with high lead levels. Select the **permanent** remediation action for each tap and the date it was taken. Certify that you have entered the correct information and submit.

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.

Once you have recorded your permanent remediation actions in ANR Online for all taps that were at or above 4 ppb, you will receive an email notifying you that your school is ready for follow-up testing. Your school will be sent follow-up test kits 1-2 weeks later. Use the tap inventory included in the email to help you collect the samples.

Collect follow-up samples following the same steps you did for initial sample collection. Do not remove or clean the aerator immediately prior to collecting samples.

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.

- Josh Gravlin: 802-261-1360 or joshua.gravlin@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.

For more information, view the 3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities at 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

