

## Remediation Guidance for schools 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

Results will be emailed to superintendents, principals, heads of schools and child care providers that have a program located within a school. Results will be made available to the public one week after results are received from the lab at [healthvermont.gov/leadtest-schools](http://healthvermont.gov/leadtest-schools).

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.”

Register for an ANR Online account at [anronline.vermont.gov](http://anronline.vermont.gov).

As soon as results are received from the lab, superintendents, principals, heads of schools, and any person that was designated in the online Kit Ordering and Registration Survey may register for an account. Only one account needs to be created.

Once you have registered, sign in to ANR Online at [anronline.vermont.gov](http://anronline.vermont.gov). Look your school 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 school community.

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

Provide the results and notification letter to any licensed child care programs (preschool or afterschool programs) that operate in 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-schools](http://healthvermont.gov/leadtest-schools) 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 because older plumbing materials contain more lead. Plumbing materials sold after 2014 are required to meet these standards. Learn 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](https://anronline.vermont.gov).

Look up your school 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 titled "Results and Remediation Action for Schools and Child Care Providers."  
Save your receipts and invoices for reimbursement.

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

Sign in to ANR online at [anronline.vermont.gov](https://anronline.vermont.gov).

Look up your school 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 is required.**

NO

9. Clean aerators and flush new fixtures or plumbing

Cleaning aerators and flushing 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 and 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.

The Vermont Department of Health Laboratory will call your school to coordinate returning the samples. As with initial testing, test kits and shipping costs are covered by the State.

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

YES

**No further action is required.**

NO

Go back to **step 5**

### Need help?

1. Map out your results on a building floor plan. See the example on page 5.
2. Fill out the Plumbing Profile Questionnaire available online at [healthvermont.gov/leadtest-schools](http://healthvermont.gov/leadtest-schools).
3. 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)
4. 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 School

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

