



MassDEP Drinking Water Program

Lead and Copper Sampling Program Reminder for Public Water Suppliers

Before Sampling

- Check MassDEP website for updates to forms and procedures. (Check revision dates)
See forms at <https://www.mass.gov/lists/lead-and-copper-forms-and-templates>
- Update your Material Survey as needed to ensure your sampling locations are the highest Tier Class available. Contact the higher Tier Class sampling locations before each sampling round (or annually if on semi-annual monitoring) and get written documentation if they decline participation in the sampling program. See form at: <https://www.mass.gov/media/1391421/> (pdf) or <https://www.mass.gov/media/1201086/> (Word document). **NOTE: the upcoming lead and copper rule revisions (LCRR) requires that ALL systems develop an initial service line inventory by October 16, 2024. Please start developing your service line inventories ahead of the compliance date. See MassDEP Service Line Inventory Workbook template at <https://www.mass.gov/media/2480901/>.**
- Check that your sampling plan is current. A new sampling plan must be submitted if you do not have enough sampling locations after contacting those on the most recently approved sampling plan. If you have any questions, contact your regional contact. (See the contact table below). Revised sampling plans should be submitted on the most recent form:
See forms at: (Lead and Copper Sampling Plan (LCR-SP-A, LCR-SP-B, LCR-SP-C)) - <https://www.mass.gov/media/1373886/>.
Use **only** the primary locations on your approved Sampling Plan.
 - Alternative sampling sites from current approved sampling plan may be used without additional prior approval if:
 - 1) the primary site was not above the Action Levels during the previous sampling round (if previously sampled), and
 - 2) the alternative site is at the same or higher Tier Class than the primary site.
 - If using any other sampling locations, **including alternative sampling sites from your approved plan not meeting the above criteria**, obtain written approval from your MassDEP Drinking Water Program **before** collecting the samples. (See contact table below.)
See form at: (Lead and Copper Sampling Plan Change in Sampling Site) - <https://www.mass.gov/media/973391/> (Word document) or <https://www.mass.gov/media/1048381/> (pdf)
- School/Childcare Samples:** Community systems that serve schools/early education and care facilities (EECFs) are also required to rotate through their schools/EECF list, collecting two 250-mL samples (kitchen and bubbler/fountain) from each of two schools during the monitoring period. If a school/EECF has only one sampling location, then an additional school/EECF will be required so there are a total of four school/EECF samples collected each monitoring period. To locate all EECF in your system see <http://www.eec.state.ma.us/ChildCareSearch/EarlyEduMap.aspx>
 - Plan sampling dates at schools.
 - Collect samples at school/EECF locations while school is in session.
 - Collect samples from taps that are in regular use.

Note that samples do not need to be collected on the same day. However, all samples need to be collected within the required monitoring period. Check your Water Quality Sampling Schedule for your system's monitoring period(s). Systems on reduced monitoring sample between June 1 and September 30.

During Sampling

- Follow the MassDEP Instructions for sampling. **Ensure that lead and copper samples are acidified or analyzed within 14 days of collection.**
- Use Chain of Custody Forms. Include “LCCA” in the identification for school/childcare sample locations. Sampling instructions and a Chain of Custody Form located at <https://www.mass.gov/media/931106/>.
- Check that all sampling locations on sample bottle labels and chain of custody forms match identically to the locations on the most recently approved sampling plan.
- During any monitoring period no MassDEP approved sample site shall be sampled more than once without prior written approval from MassDEP.

After Sampling

- Sampling Results:** Submit the sampling results to MassDEP, either by eDEP or using the Lead and Copper Analysis Report form (LCR-C).
Submit the results to MassDEP as soon as possible but no later than the earlier of the following:
 - 10 days after the month in which your system received the results
 - 10 days after the end of the monitoring period
- 90th Percentile:** Complete and submit to MassDEP the 90th Percentile Compliance Report using the appropriate form:
 - Use Form LCR-D for systems required to collect more than 5 samples
 - Use Form LCR-E for systems required to collect 5 samples
 - Submit the completed form no later than 10 days following the end of the monitoring period (i.e. October 10 for the monitoring period of June 1 to September 30).

Note this is required even if the monitoring results have been submitted via eDEP. Coordinate with your lab/operator/system staff to determine who will be preparing and sending this form to MassDEP.

- **If the 90th Percentile exceeds Action Levels for lead (0.015 mg/L) and/or copper (1.3 mg/L), contact the MassDEP Drinking Water Program immediately (contact information below).**

See forms at <https://www.mass.gov/lists/lead-and-copper-forms-and-templates>

- School or Childcare Sampling Results:** Submit the results from school/childcare samples via eDEP, identified with the code “LCCA”.
Note these results are not used in the 90th percentile calculation, unless the school itself is the water supplier.
- Consumer Notification:** Provide notification of individual tap results to persons served at the tap that was tested, as soon as possible, but no later than 30 days after receiving the test results from the laboratory.
 - Individuals : (LCR Compliance Sampling Program Homeowner Results) - <https://www.mass.gov/media/1491276/>
 - Schools: (LCR Compliance Sampling Program School Results – LCR-SN) - <https://www.mass.gov/media/1543861/>
- Within 90 days of the end of the monitoring period, certify to MassDEP that persons served by the taps tested have been notified of the results, by submitting the MassDEP certification Form. You must attach examples of the consumer and school/childcare facility notification. One example of each type of notification is sufficient.

For example, for the monitoring period of June 1 to September 30, the certification is due no later than December 29. See form at <https://www.mass.gov/media/1432866/>.

- Please remember that all records are required to be maintained for 12 years.

Questions

If you have any questions about Lead and Copper Monitoring requirements for your system, to request the use of alternative sampling sites, or for any assistance with the Lead and Copper Rule, please contact the following MassDEP Drinking Water Program regional staff:

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| CERO | Andrea Lemerise Amy Finch Josephine Yemoh-Ndi | 508-767-2723 508-767-2720 508-849-4030 | andrea.lemerise@mass.gov amy.finch@mass.gov josephine.yemoh-ndi@mass.gov |
| NERO | Melissa Balcourt Melika Uter | 781-223-4113 978-694-3345 | melissa.balcourt@mass.gov melika.uter@mass.gov |
| SERO | Matas Rudzinkas Nicholas Shuler | 508-946-2787 508-946-2792 | matas.rudzinkas@mass.gov nicholas.shuler@mass.gov |
| WERO | Kwame Duodu David Averill | 774-601-9429 413-755-2270 | kwame.duodu@mass.gov david.averill@mass.gov |

For more information on the Lead and Copper Rule, see <https://www.mass.gov/lead-and-copper-rule-lcr> or contact the Drinking Water Program at program.director-dwp@mass.gov Subject: LCR.