

LEAD AND COPPER RULE SYSTEM SAMPLING AND COMPLIANCE GUIDE

Municipal Community and OTM Systems

You are receiving this insert because your water system is required to collect lead and copper compliance samples this year. Please read this information carefully and contact your DNR Representative if you have any questions. Your regional DNR Representative is listed at the top of your drinking water monitoring schedule.

Checklist for Completing Lead and Copper Monitoring Requirements:

- Before you collect any samples:* Verify that your sampling locations have received Department approval and have been documented on your system's Monitoring Site Plan. **Samples collected from unapproved locations will not be accepted.**
- Verify sample **SITES** meet Tier Criteria (see *Tier Criteria*)
- Collect samples from **TAPS** that meet Sample Tap Criteria (see *Sample Tap Criteria*)
- Collect **SAMPLES** in accordance with EPA Rules and Recommendations (see *Do's and Don'ts*)
- NOTIFY** Consumers of lead and copper results within 30-days of receipt from the lab.
- SEND SIGNED CERTIFICATION** to your DNR Representative showing that you have notified consumers of lead and copper test results.

Sampling Site Tier Criteria
<p>TIER 1: Single family residences with:</p> <ul style="list-style-type: none"> • Lead service lines; or • Lead goosenecks; or • Copper plumbing with lead solder constructed between January 1983 and September 1984; or • Lead plumbing within the home
<p>TIER 2: Multi-family residences or other buildings with:</p> <ul style="list-style-type: none"> • Lead service lines; or • Lead goose necks; or • Copper plumbing with lead solder constructed between January 1983 and September 1984; or • Lead plumbing within the structure
<p>TIER 3: Single family residences with:</p> <ul style="list-style-type: none"> • Copper plumbing with lead solder constructed before January 1983
<p>EXCEPTIONAL: Sites where plumbing materials are representative of what is commonly found at other sites served by the water system, including:</p> <ul style="list-style-type: none"> • Copper plumbing with lead solder constructed after 1984 • Tier 1, 2, or 3 sites with whole house water softeners or filters
<p><u>DO NOT</u> use Exceptional sites unless they are the only sites available for testing.</p>

IMPORTANT!

- 1) Sample locations must be documented on a Department approved Monitoring Site Plan.
- 2) Samples must be collected from Department approved sites. **Samples collected at sites prior to Department approval of those sites will not be accepted.**
- 3) Any additions or changes to an existing Monitoring Site Plan must be submitted on Department Form 3300-315 *Lead and Copper Monitoring Site Plan Change Form*.
- 4) Monitoring site plans must be made up of 100% Tier 1 sites*.

*Systems without 100% Tier 1 sites available in their community must **submit a letter to the Department** verifying that lead-pipe materials are not present in the distribution system or premise plumbing.

SAMPLE TAP CRITERIA

- Cold water taps
- Taps within the interior of a residence of other building
- Taps where water is used for human consumption
- Taps where water is untreated by softening or filters
- Taps where water is used on a regular basis

Examples of VALID Taps	Examples of INVALID Taps
Kitchen Sink Cold Water Taps	Hot Water Taps
Bathroom Sink Cold Water Taps	Exterior Taps or Hose Bibs
Break Room Sink Cold Water Taps	Pressure Tank Taps
Drinking Water Fountains/Bubblers	Laundry Sinks or Eye Wash Stations
Kitchenette Taps (or other food preparation areas)	Vacant Apartment/Condo/Hospital Room Taps

SAMPLING DO'S AND DON'Ts

SAMPLING DO'S

- Sample during the appropriate monitoring period
 - Standard Monitoring: Jan 1 – June 30 and July 1 – Dec 31
 - Reduced (Annual or Triennial Monitoring): June 1 – September 30
- **SAMPLE EARLY IN YOUR MONITORING PERIOD!** Give yourself time to re-sample if you have issues with shipping or lab procedures or need to take corrective actions (systems with lead and copper Action Level Exceedances will be required to collect water quality parameter samples in the same monitoring period).
- Collect samples at the same location as all previous sampling events in accordance with your MONITORING SITE PLAN (contact your DNR Rep if you need to adjust your system's monitoring sites).
- Collect first-draw samples (water is to have stood motionless throughout the entire home or facility for at least six hours).
- Collect samples in 1-liter wide-mouth sample containers.
- When samples are sent to the laboratory for analysis, make sure that all sections of the lead and copper sample form are completed and the form is included with your lab sample. This includes clearly noting the date and time the sample was collected, sample ID, the address, and the location (second floor) and tap description (bathroom cold water tap) where the sample was collected.

SAMPLING DON'Ts

- DO NOT pre-flush the tap prior to the stagnation period (six hours) or prior to collecting the sample.
- DO NOT remove the aerator prior to sampling.
- DO NOT collect samples from taps where water has remained motionless for significantly longer than 6-hours (i.e. vacant properties or homes where residents are not at home for up to week or longer).
- DO NOT use a tap that is downstream of a filter or softener.

CONSUMER NOTIFICATION and WDNR CERTIFICATION

Notify consumers of lead and copper results within 30-days of receipt from the lab. The Department recommends you notify the consumer within 24 hours. A Consumer Notice of Lead and Copper Results Form can be found at: <http://dnr.wi.gov/topic/drinkingwater/owneroperator.html>

Certify to WDNR that you have notified consumers of lead and copper test results within 30-days. A Certification of Consumer Notification is due to the Department 90-days from the end of the applicable lead and copper monitoring period.