

LEAD AND COPPER RULE 2017 Sampling and Compliance Guide

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:

- Verify sample **SITES** meet Tier Criteria and part of your approved Site Monitoring Plan
- Collect samples from **TAPS** that meet 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
- CERTIFY** to WDNR that you have notified consumers of lead and copper test results

SAMPLING SITE TIER CRITERIA	
Municipal or OTM Systems	Non-Transient, Non-Community Systems
TIER 1: Single family residences with: <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 	TIER 1: Sites where structures contain: <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
TIER 2: Multi-family residences or other buildings with: <ul style="list-style-type: none"> • Lead service lines; or • Galvanized pipe with lead goose necks; or • Copper plumbing with lead solder constructed between January 1983 and September 1984; or • Lead plumbing within the structure 	TIER 2: Sites where structures contain: <ul style="list-style-type: none"> • Copper plumbing with lead solder constructed before January 1983 <p>*If you do not have enough Tier 1 and Tier 2 sites, use sites where water is typically drawn for drinking or cooking.</p>
TIER 3: Single family residences with: <ul style="list-style-type: none"> • Copper plumbing with lead solder constructed before January 1983 	Not Applicable to NTNCWS
EXCEPTIONAL: Sites where plumbing materials are representative of what is commonly found at others sites served by the water system, including: <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 	EXCEPTIONAL: Sites where plumbing materials are representative of what is commonly found at other sites served by the water system, including: <ul style="list-style-type: none"> • Copper plumbing with lead solder constructed after 1984 • Tier 1, 2, or 3 sites with whole system water softeners or filters
<u>DO NOT</u> use Exceptional sites unless they are the only sites available for testing.	

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 – Sept 30
- **SAMPLE EARLY!** 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 **SITE MONITORING 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 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 include 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, schools over break periods)
- **DO NOT** use a tap that is downstream of a filter or softener.

CONSUMER NOTIFICATION

Notify consumers of lead and copper results within 30-days of receipt from the lab. If sample results are over 15 µg/l for lead or over 1300 µg/l for copper, the Department recommends you notify the consumer within 24 hours. A Consumer Notice of Lead and Copper Results Form is included with this packet.

WDNR CERTIFICATION

Certify to WDNR that you have notified consumers of lead and copper test results within 90-days from the end of the applicable lead and copper monitoring period. A Certification of Consumer Notification Form is included with this packet.