



Division of Drinking and Ground Waters
May 2019

Lead and Copper Rule: New Tier Definitions

The definition of tier 1 and tier 2 lead and copper sampling locations changed in the revised Lead and Copper rules effective May 1, 2018. Public water system (PWS) should review sampling locations to ensure they meet requirements currently in rule (OAC 3745-81-86). This change affects both community PWSs and non-transient non-community PWSs. Please see the table below to compare the new and old definitions:

Community PWSs

<i>New tier 1 definition</i>	<i>Old tier 1 definition</i>
- Single family structures that contain copper pipes with lead solder installed between January 1, 1983 and December 31, 1988 or contain lead pipes or are served by lead service lines.	- Single family structures that contain copper pipes with lead solder installed <u>after January 1, 1983</u> or contain lead pipes or are served by lead service lines.

<i>New tier 2 definition</i>	<i>Old tier 2 definition</i>
-Buildings, including multiple-family residences, that contain copper pipes with lead solder installed between January 1, 1983 and December 31, 1988 or contain lead pipes or are served by lead service lines.	-Buildings, including multiple-family residences, that contain copper pipes with lead solder installed after January 1, 1983 or contain lead pipes or are served by lead service lines.

Non-transient non-community PWSs

<i>New tier 1 definition</i>	<i>Old tier 1 definition</i>
- Buildings that contain copper pipes with lead solder installed between January 1, 1983 and December 31, 1988 or contain lead pipes or are served by lead service lines.	- Buildings that contain copper pipes with lead solder installed <u>after January 1, 1983</u> or contain lead pipes or are served by lead service lines.

The change **only** effects tier 1, and tier 2 (community PWS's) sites with copper pipes and lead solder. Sites containing copper pipes with lead solder installed after December 31, 1988 will no longer count for compliance with tier 1, and tier 2 (community PWSs) site selection requirements.

Please review your Sample Monitoring Point (SMP) ID spreadsheet for lead and copper monitoring to ensure compliance with the new tier definitions prior to the next monitoring period. If changes are required to the SMP IDs, please consult the SMP ID guidance document <https://epa.ohio.gov/Portals/28/documents/Lead-Monitoring-SMP-Guidance.pdf>

The SMP ID spreadsheet template has been updated to reflect the change to the tier definitions and is available at <https://epa.ohio.gov/Portals/28/documents/SMP-ID-Template%20-August2018.xlsx>. Please use the updated spreadsheet template to submit your SMP changes to your Ohio EPA district office.

For more information, contact your Ohio EPA District Office Representative