

Instructions for Lead and Copper Tap Sample Site Plans

The use of lead solder was banned in all homes and buildings connected to a public water system in June 1988. Construction dates of homes and buildings can be verified by searching the address as real estate sites will list the age of the building.

50% of the samples must be from taps served by lead service lines (if any exist), and 50% from sites with copper pipes with lead solder (if any exist).

To ensure samples meet the site tiering criteria, water systems must sample from all available Tier 1 locations first. When all available Tier 1 locations have been exhausted, you must complete your sampling from all available Tier 2 sites. Once all Tier 1 and 2 locations have been exhausted, you must complete your sampling with Tier 3 sites. Tier Other locations must be sampled after all available Tiers have been exhausted. [40 CFR 141.86(a)].

Community Systems	Non-Transient Non-Community Systems
<p>Tier 1: Single-family structures:</p> <ul style="list-style-type: none"> • Having copper pipes with lead solder installed <u>between</u> 1983 and 1988, or • Having lead pipes, including lead goosenecks or pigtails; and/or • Served by a lead service line. • If multiple-family residences comprise at least 20% of the structures served by a system, they can be counted as Tier 1. <p>If all Tier 1 sites are exhausted, you may complete the sampling pool with Tier 2 sites.</p> <p>Tier 2: Buildings other than single-family. (i.e., apartment buildings, schools, hospitals):</p> <ul style="list-style-type: none"> • With copper pipes with lead solder installed <u>between</u> 1983 and 1988, or • Contain lead pipes; and/or • Served by a lead service line (LSL). <p>If all Tier 1 and Tier 2 sites are exhausted, you may complete the sampling pool with Tier 3 sites.</p> <p>Tier 3: Single-family structures:</p> <ul style="list-style-type: none"> • With copper pipes with lead solder installed <u>before</u> 1983. <p>If all Tier 1, 2, and 3 sites are exhausted you may complete the sampling pool with 'Other' sites.</p> <p>Tier Other: All other structures with plumbing materials that are commonly found throughout the distribution system. Sites with copper plumbing installed <u>after</u> 1988 are preferred.</p>	<p>Tier 1: Buildings (i.e. offices, hospitals, schools):</p> <ul style="list-style-type: none"> • Having copper pipes with lead solder installed <u>between</u> 1983 and 1988, or • Having lead pipes, including lead goosenecks or pigtails; and/or • Served by a lead service line (LSL). <p>If all Tier 1 sites are exhausted, you may complete the sampling pool with Tier 2 sites.</p> <p>Tier 2: Buildings with:</p> <ul style="list-style-type: none"> • Copper pipes with lead solder installed <u>before</u> 1983. <p>If all Tier 1 and Tier 2 sites are exhausted, you may complete the sampling pool with 'Other' sites.</p> <p>Tier Other: Other representative sites throughout the distribution system. A representative site is a site in which the plumbing materials used are commonly found at other sites served by the water system.</p>