

**ATTENTION HUB WATER CUSTOMERS!!!** HUB is seeking volunteers to add to our regular sampling pool for lead and copper testing. We've had some homes drop off the list over the years due to having new lead-free plumbing installed or the home being abandoned/demolished. To qualify you must have either a lead service line (see pictures and descriptions below) or copper plumbing that was installed between 1983 and 1986.

Qualifications:

- Single Family Residence served by a Lead Service Line (see photos/descriptions below).
  - or -
- Single Family Residence with copper pipe and lead solder installed after 1982 but before June 1986 (when Congress enacted "lead ban" which eliminated lead solder in copper plumbing).

For those that qualify for our regular lead and copper sampling pool, you may be asked to pull a sample of water from inside your home once every three (3) years for our EPA and State mandated lead and copper testing. Sample must be taken inside our customers' homes because most lead is found on the

customer's side of the meter. You will be provided with a copy of the results as soon as they become available. All samples are tested by our contract laboratory Environmental Sciences Corp.



While the EPA and State of Tennessee do not require that lead be removed from our system, they do require that we treat our water with a chemical that prevents corrosion (which would allow harmful leaching of lead into water). The purpose of the routine testing is to ensure the effectiveness of this chemical treatment.

**Pic 1 (above):** Lead service lines are generally a dull gray color and are very soft. You can identify them easily by carefully scratching with a key or coin. If the pipe is made of lead, the area you've scratched will turn a shiny silver color. Do not use a knife or other sharp instrument and take care not to puncture a hole in the pipe. A magnet will not stick to lead.

**Pic. 2 (right):** Lead service lines can be connected to the residential plumbing using solder and have a characteristic solder "bulb" at the end, a compression fitting, or other connector made

of galvanized iron or brass/bronze.



**Pic. 3 (left):** Lead service lines often end just inside the front or side wall of the home, but may extend further into the building.



Please call Candace Vannasdale at 882-3242, ext. 249 if you have any questions or would like to be added to the sampling list.