

**INDIANA STATE DEPARTMENT OF HEALTH  
Chemistry Laboratory**

**Sample Collection Procedures:**

**LEAD & COPPER ANALYSIS IN DRINKING WATER**

1. Obtain sample containers and submission forms from the Chemistry Laboratory. Sampling bottles must be 1 liter plastic bottles to meet the requirements of the Lead and Copper Rule.
2. Collect **FIRST DRAW** samples (water that has stood motionless in the pipes for at least 6 hours), in the laboratory-supplied container (fill to the neck of the bottle). **DO NOT** sample after weekends, holidays, or extended periods of stagnation. The first draw samples may be taken in the morning or at the end of the day, but the water in the residence must not be used during the prior 6 hour period.
3. To collect **SECOND DRAW** samples, let water run for about 4-5 minutes, then fill up the container.
4. The **FIRST DRAW** and **SECOND DRAW** samples will give you an idea of the amount of Lead and Copper attributable to the plumbing. You **can** just collect one sample, but this should be a **FIRST DRAW** sample.
5. Fill out a sample submission form for each sample.
6. Bring or Mail the water sample(s) and analysis request form(s) to:

**Indiana State Department of Health Laboratories  
Chemistry Laboratory  
550 West 16th Street, Suite B  
Indianapolis, IN 46202-2218**

7. For Questions, please contact Mary Hagerman, mhagerma@isdh.in.gov or 317-921-5553