

Lead Sampling Procedure

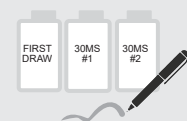
Single-family Home

Lead Sampling and Analysis Study

This procedure will take approximately one hour to complete and must be done first thing in the morning before any water has been used for lawn watering, showers, toilet flushing, etc. Do not run other sources of water while sampling as well.

1 Prepare for Sampling

Do prior to sampling (the night before)



- Fill out the Residence Information form provided in your sampling package.
- Add your address to the Chain of Custody form next to "Site #" (see instructions included in the package).
- Print your address on the "Project Reference" line on all sample bottles.

3 Prepare for 30MS Sampling

- Ensure the First Draw Sampling (Step 2) is done first.
- Run the water for 5 minutes.



- Then, turn the tap off and wait 30 minutes. Do not run water or flush toilets during this time.

2 First Draw Sampling

Collect the "First Draw" sample after water has been stagnant in the pipes for 6 to 18 hours

SAMPLE FROM WHERE YOU CONSUME WATER



- No drinking, running tap water, showering or flushing the toilet (best done in the morning).
- Open and hold the First Draw bottle under the spout, open the cold tap and slowly fill the bottle then shut off the tap.
- Add the date and time to the Chain of Custody form on line #1 (First Draw).

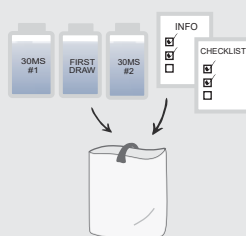


4 30MS Sampling

- Open 30MS #1 bottle and hold it under the cold water tap. Slowly open the tap and fill the bottle. Close the tap and the bottle. Repeat this for the 30MS #2 bottle right after.
- Add the date and time to the Custody form on line 2 and 3 (30MS #1 and 30MS #2).



5 Assemble the Package



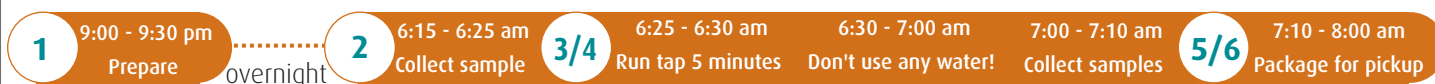
- Place the information and custody forms and bottles into the bag.
- Sign the security seal and use it to seal the bag across the opening.

6 Leave Package for Pickup

- Leave the bag outside your front door and out of direct sunlight.

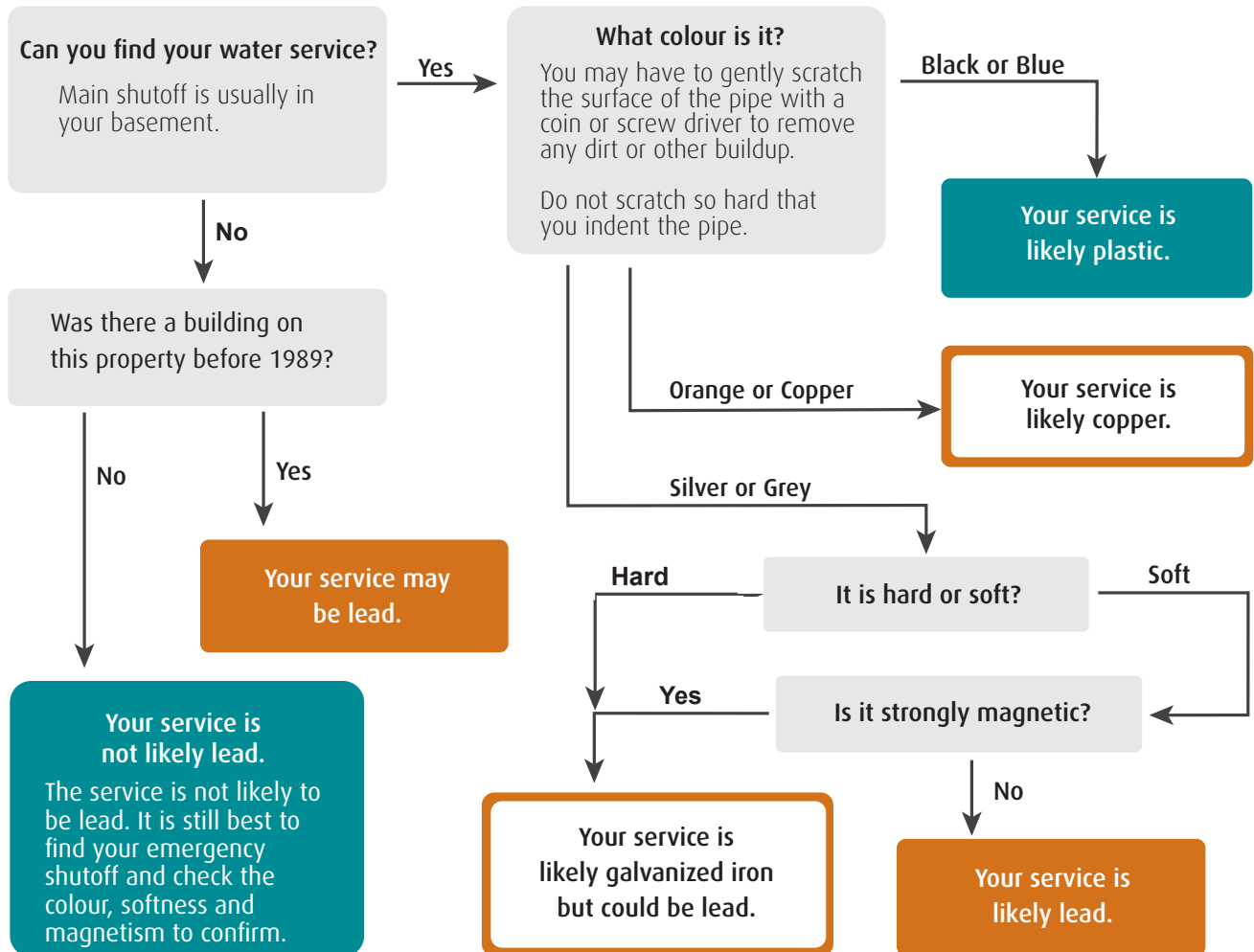
YOUR SAMPLE WILL BE PICKED UP ON: OCTOBER ____, 2021

Example timeline (what the timing of your sampling could look like):



How can I tell if I might have a lead service line?

Answer the question on the flow chart below to determine if your service line could contain lead.



What your plumbing might look like:

Lead



- Usually dark grey
- Scratch surface and see bright silver colour
- Fridge magnet will stick but won't hold

Galvanized Iron



- Usually dark grey
- Harder than lead
- Fridge magnet will stick

Copper



- Scratch surface and see the colour of a penny
- Can also appear green

Plastic



- Is black, blue or green/blue
- Do not test hardness because this can damage the pipe