

MATERIALS VERIFICATION TEST INSTRUCTIONS

The Materials Verification Test below can help you determine if you have a lead, galvanized steel, copper, or plastic service line on the portion of your own service line. If you have a lead service line, the utility will contact you to confirm the results. **What you will need to complete the materials verification test:**

- * Flathead screwdriver or coin
- * Strong refrigerator magnet

Steps to check your service line:

1. Find the water service line entering your house as close as possible to the Point of Entry (POE). The incoming water service in your home can either come up from the basement floor or out of the wall in the basement. If you have a crawl space, the water service should come up through the floor from the crawl space. If your home is on a slab, the incoming water service should come up through the main floor (typically in a utility closet). Look for the pipe that comes through the outside wall of our home and connects to the water meter. If a plumber excavates your service line between the water meter and structure, it can also be based in that location. **Figure 1** is a Service line Detail illustrating the location of CUB-owned and Customer-owned service lines.
2. Use the flathead screwdriver or coin to gently scratch the pipe surface. Sandpaper may be used to first expose a metal line if it is painted or badly corroded.
3. Compare the scratched area to the following descriptions and photos in **Table 1**.
 - If it is the same color as a penny, the pipe is copper. A magnet will not stick to a copper pipe.
 - If it is a dull gray color with possible black or red-brown corrosion and no noticeable scratch on the hard surface, the pipe is galvanized steel. A magnet will stick to a galvanized steel pipe. Magnets do not stick to other service line materials.
 - The pipe is plastic if it is smooth, red, blue, white, or black. A magnet will not stick to a plastic pipe.
 - If the scratched area looks shiny and silver, the pipe is likely made of lead. A magnet will not stick to a lead pipe.

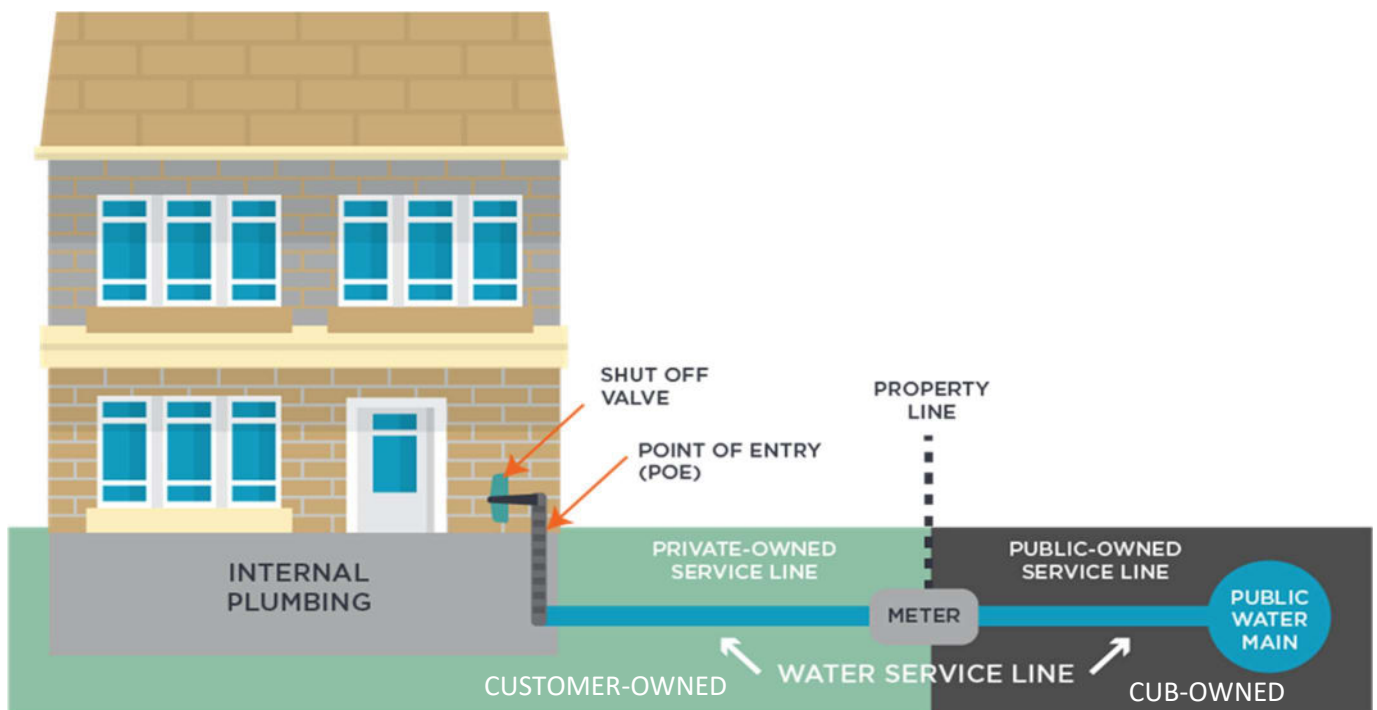


Figure 1: Service Line Detail





MATERIAL TYPES		DESCRIPTION
COPPER		Dull brown and like a copper penny. There may be greenish corrosion present. A magnet will not stick. Scratch the pipe with a screwdriver or coin. If the scraped area is copper in color, like a penny, your service line is copper. *You DO NOT have a lead service line.
GALVANIZED STEEL		Galvanized, is typically a dark, dull gray or silver. It may also have blackish or red rust corrosion. It is straight unlike lead that could have slight bends. A magnet will stick. Scratch the pipe with a screwdriver or coin. If you scratch the pipe, it will remain a dull gray because galvanized is hard and more rigid. You have a galvanized steel service line. *You DO NOT have a lead service line.
Plastic		Red, blue, black, or white: A magnet will not stick. A scratch test is not needed. *You DO NOT have a lead service line.
LEAD		Grey or dull silver: A magnet will not stick to a lead pipe. Scratch the pipe with a screwdriver or coin. The service line is lead if the scraped area is bright, shiny silver and flakes off. Lead is soft and malleable. It can bend/curve because it is pliable and will often have a “bulb” at the connection. See photo. *You DO have a lead service line that should be replaced. Please note on the survey and return to CUB.

Table 1: Material Photographs and Descriptions.