

Statewide Lead Service Line (LSL)
Inventory South Dakota **Pocket Guide**
05/24/2023



1986 Safe Drinking Water Act Lead Ban – Homes built after 1987 are considered lead free (SD adopted in 1987).

Services larger than 2" are generally not lead.

Public owned vs. Private owned – clarify if different than in the above image. Each system is unique (ie. meter pit, valve box, back of curb, at the main, at the house, etc.) Both are included in the inventory.



Plastic

Scratched Lead



Copper

Galvanized Steel & valve

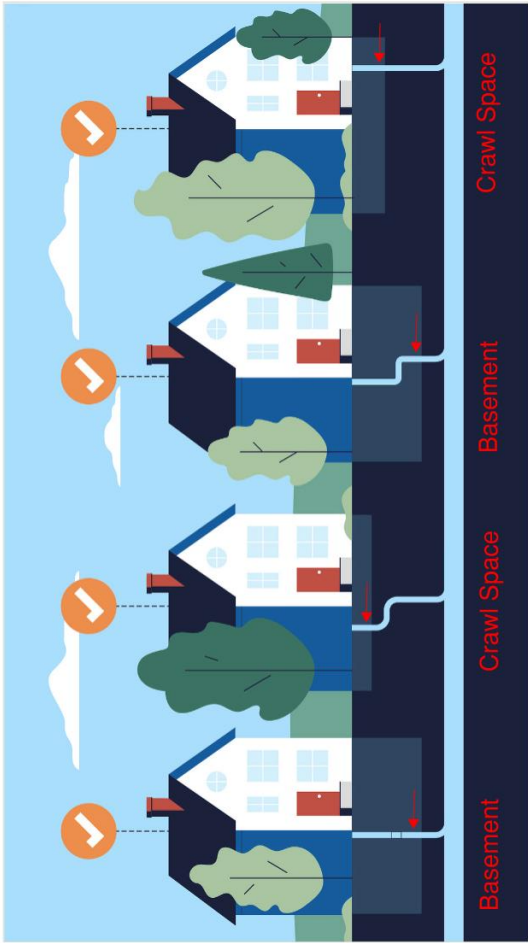
Service Line Material Classification	Definition
Lead	Any portion of the service line is known to be made of lead. ²
Galvanized Requiring Replacement (GRR)	The service line is not made of lead, but a portion is galvanized and the system is unable to demonstrate that the galvanized line was never downstream of a lead service line.
Non-Lead	All portions of the service line are known NOT to be lead or GRR through an evidence-based record, method, or technique.
Lead Status Unknown	The service line material is not known to be lead or GRR. For the entire service line or a portion of it (in cases of split ownership), there is not enough evidence to support material classification.



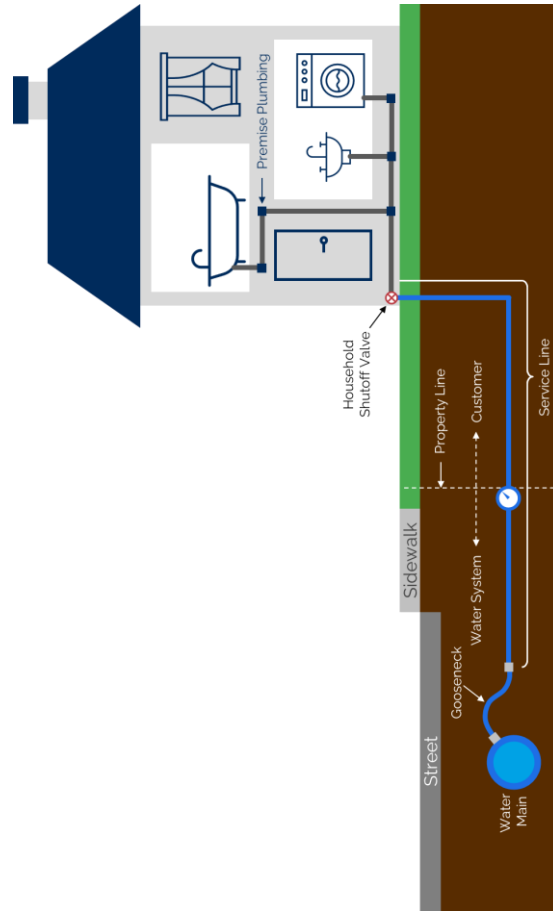
Suggest customer wear gloves for the scratch test and cleaning up the debris. If the pipe is silver metallic color and the customer can scratch the pipe with a key or coin, and is not magnetic, it is lead.

Also can use a lead paint test kit/surface swab kit These can be purchased at the hardware store.

The Survey can be found at survey.sdwaterpipes.com
Customer info can be found by visiting sdwaterpipes.com



Water customers should be checking their service line material the first 18" coming into the home or crawl space.



Tips to Reduce Exposure to Lead

- Run Water – Run water to flush out lead. If water hasn't been used for several hours, run water for 15-30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking
- Use Cold Water – Use cold water for cooking and preparing baby formula. Lead dissolves more easily into hot water.
- Do Not Boil – Do not boil water to remove lead. Boiling water will not reduce lead.
- Test Water - Test water for lead. Water Systems may want to have extra sample bottles on hand

Health Effects with Lead

- Lead is a toxic metal that can be harmful to human health even at low exposure level
- Young children, infants, and fetuses are particularly vulnerable to lead because the physical and behavioral effects of lead occur at lower exposure levels in children than in adults.
- Even low levels of exposure have been linked to damage to the central and peripheral nervous system, learning disabilities, shorter stature, impaired hearing, and impaired formation and function of blood cells.

All tools can be found by visiting sdwaterpipes.com

The Survey can be found at survey.sdwaterpipes.com