



BENNINGTON – MONTPELIER – BURLINGTON, VT  
PO Box 139 | 150 Depot St | Bennington, VT 05201  
802.447.1402 | [www.mskeng.com](http://www.mskeng.com)  
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Date: 11/11/2024

Re: Unknown Service Line Pipe Materials at your residence

Dear Property Owner or Resident:

Under the Lead and Copper Rule Revisions (LCRR) issued by the U.S. Environmental Protection Agency in 2021, every public community water system in the country was required to complete a service line inventory.

Canaan FD 2 participated in a technical program run by the Vermont Department of Environmental Conservation where MSK Engineers assisted the fire district with reviewing available records and preparing a service line inventory in accordance with VTDEC's requirements. Per requirements established by the Vermont Department of Environmental Conservation public drinking water program, each service line is divided into two segments. The water system side is the section of the service line from the distribution main to the curb stop and the customer side is the section of service line from the curb stop to the foundation of your building. Because the system side of a service line is entirely underground, that segment could not be readily observed and was categorized based on available records. The customer side is visible entering the foundation floor/wall and can be categorized via visual inspection.

These new federal drinking water regulations require utilities to notify all customers whose service lines include a segment of unknown pipe materials. The Canaan Fire District 2 and or property owned side of the service line serving your property has/have been categorized as having unknown pipe materials. There is a chance that this service line segment could contain a lead pipe. However, lead service lines have not been encountered anywhere in the South Burlington Water System. MSK Engineers has completed over 100 service line inventories throughout Vermont and has not encountered any lead service lines outside of Bennington. Based on the available information we believe it is unlikely that the unknown service line segment contains lead pipe. Regardless, this notification letter includes educational materials about the health effects associated with exposure to lead in drinking water and actions water users can take to reduce their exposure. Please do not hesitate to call Aubrey Ferris or Patrick Smart of MSK Engineers with any questions.

Lead has not been found Canaan Fire District 2's Water System but because a portion of your service line's material is unknown, there is a possibility that your service line may contain lead pipe. Per the US EPA, exposure to lead can cause serious health effects in all age groups. Infants and children who drink water containing lead could have decreases in IQ and attention span and increases in learning and behavior problems. Lead exposure among women who are pregnant increases prenatal risks. Lead exposure among women who later become pregnant has similar risks if lead stored in the mother's bones is released during pregnancy. Recent science suggests that adults who drink water containing lead have increased risks of heart disease, high blood pressure, kidney, or nervous system problems. Per the Vermont Department of Health webpage on lead in drinking water, "there is no safe level of lead. Take action to reduce lead levels as low as possible."



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Actions you can take to reduce lead concentrations in drinking water include flushing your tap before using water for drinking or cooking; and maintaining a water filter certified to remove lead from drinking water. To flush the tap, open the faucet until the water turns ice cold. This cold water is “fresh” water from the main that has not stagnated in interior plumbing. If you use a water filter, look for a filter that is certified to NSF Standard 53 to remove lead, like the Brita Longlast or PUR PLUS. Further information on immediate actions you can take to decrease lead concentrations in drinking water can be found at <https://www.healthvermont.gov/drinking-water/lead>.

Sincerely,

A handwritten signature in black ink that reads "Pat Smart". The signature is written in a cursive, slightly slanted style.

Patrick Smart, P.E., Senior Engineer  
MSK Engineers  
(802) 447-1402 x 127  
[psmart@mskeng.com](mailto:psmart@mskeng.com)

A handwritten signature in black ink that reads "April Busfield". The signature is written in a cursive, slightly slanted style.

April Busfield, Certified Operator  
Canaan FD 2