



SAINT PAUL REGIONAL WATER SERVICES

SPRWS Engineering Service Desk

651.266.6270

1900 Rice Street

Saint Paul, MN 55113

<https://www.stpaul.gov/departments/water-services/lead-household-water>

WATER MAIN REPLACEMENT



- ▶ Water main is approx. 8' feet deep
- ▶ Most existing residential water mains are 6" diameter cast iron pipe.
- ▶ Most mains are replaced as 8" diameter ductile iron pipe or 8" PVC dependent on existing soils
- ▶ Installation by PW Contractor, SPRWS providing temporary water
- ▶ Water main must pass a series of bacterial tests, pressure tests, and conductivity tests prior to being put in service

TEMPORARY WATER MAINS



- ▶ 2" PVC pipe laid in the grassy area or on edge of sidewalk
- ▶ Fully Bacterially tested prior to hook-up
- ▶ Will become quite warm during the summer
- ▶ Water is provided at no cost when connected to temporary water

TEMPORARY WATER CONNECTION



- ▶ Back fed through outside hose spigot through the use of a grey potable water rated hose.
- ▶ A wye is installed to allow use of garden hose while connected
- ▶ Notification of temporary water will be posted on front door.
- ▶ Temporary water crew will need to access the water meter inside building twice, once during install and once for the take down

WATER SERVICE CONNECTION



- ▶ Water services are re-connected to the main once the watermain is fully tested and live.
- ▶ Most existing copper services are reconnected with only excavation at the watermain
- ▶ All lead services are replaced with copper pipe from the main to property line or water service valve box at SPRWS cost

LEAD SERVICE REPLACEMENT



- ▶ All Lead water services will be replaced from the water main to the property line or water service stop box
- ▶ Replacements to stop box are only done if there is an obstruction at the property line or if a private plumber has already replaced the water service inside property to the stop box

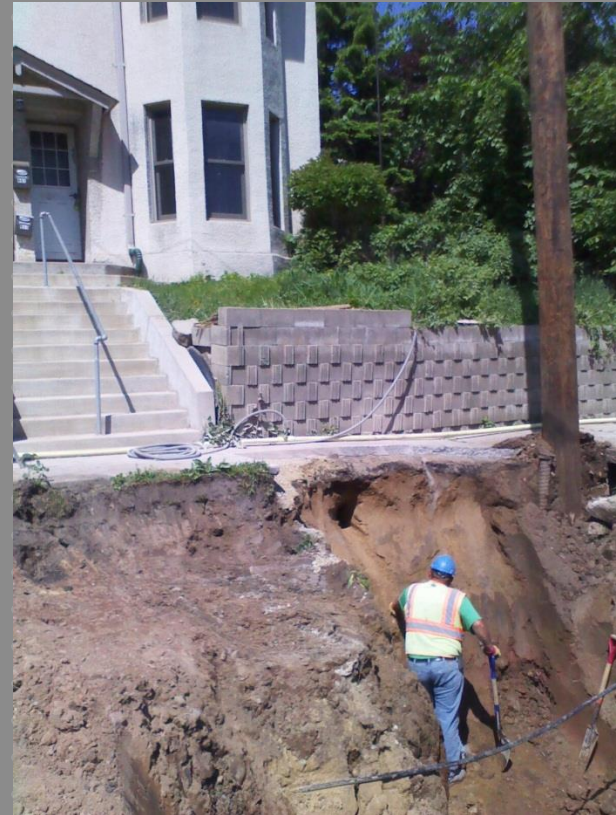
LEAD SERVICE REPLACEMENT



- ▶ New 1” copper water service installed in same location as the old 5/8ths or 3/4ths lead service
- ▶ old lead pipe either removed or abandoned in place, depending on situation
- ▶ Transition joint installed at property line from new copper service to existing material inside property.

LEAD SERVICE REPLACEMENT INSIDE PROPERTY

- ▶ Can be assessed onto taxes over 20-years
- ▶ Building owner will have to obtain private plumber and get quotes
- ▶ Excavation of yard generally not needed
- ▶ Costs are reduced because restoration is done in the ROW by the project
- ▶ Plumber list and information will be mailed to property owner addresses
- ▶ Additional information available from the SPRVS Engineering Service Desk 651.266.6270



CONTACT INFO

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▶ SPRWS Engineering Service Desk

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