

Lead Water Service Line Replacement

American Rescue Plan Act Funding Request
Metropolitan Utilities District

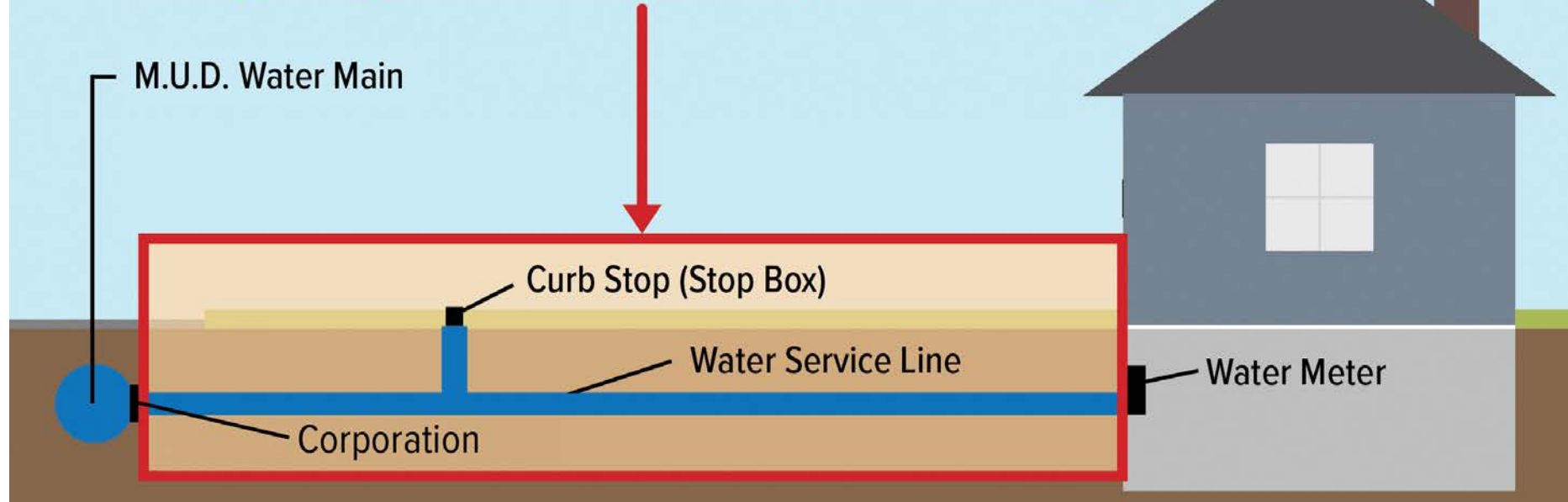
Metropolitan Utilities District

**Created by the Nebraska
Legislature in 1913 as a Political
Subdivision of the State**

- Provide safe, reliable, and cost-effective natural gas and water services to over to 700,000 citizens in Nebraska
- Billing agent for sewer use and in some cases trash fees as a cost-saving measure to municipalities

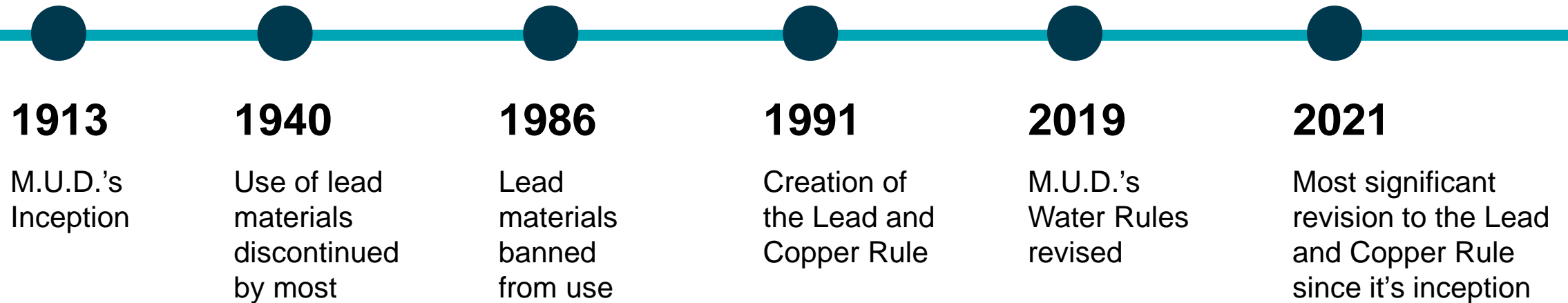


Property Owner's Responsibility



What's Yours? What's Ours?

Important Dates for Lead Service Lines



Water Quality

M.U.D. meets or exceeds all state and federal standards.

- Lead is not present in our raw water, the finished water that leaves our plants, or in the water mains
- Plumbing materials
- Non-corrosive water to prevent leaching





Health Effects of Lead Service Lines

- Permanent reduction in cognitive ability
- Hyperactivity
- Decreased IQ and attention span
- Increased risk of adverse health effects
- Increased risk of heart disease, high blood pressure, kidney, or nervous system
- Pregnant women, infants, and children are the most affected

Current Project Specs

200

Lead Service Lines Replaced Each Year through Infrastructure Replacement

17,000

Lead Service Lines to Replace in Total

85

Years to Complete (Projected)

Current Project Cost without Inflation

$$17,000 \times \$7,000 = \$119M$$

**Lead Service
Lines to Replace**

**Estimated Cost per
LSL Replaced**

**Total Cost to
Replace all LSLs**

Current Project Cost with Inflation

17,000 + **2%** = **\$306.8M**

**Lead Service
Lines Replaced**

**Cost Increase Per
Year Per Service for
85 Years (Inflation)**

**Total Estimated Cost
to Replace all LSLs
in 85 Years.**