Public Informational Meeting:
Lead Service Line Replacement
City of Evart

Presented by: John Tanner, PE

October 10, 2018
Agenda

• Background Briefing
• Lead & Copper Rule
• Updating Evart
  • Why Evart
  • Inventory & Sampling
  • Legal & Funding Considerations
• Questions & Comments
Background Briefing

• Provided the Evart Property Owner Information Packet
• Provided Private Property Agreements
• Goal = Ensure water service lines met the latest criteria
Definition: Lead Service Line

Either a service line which is made of lead (or galvanized steel) or any lead pigtail, lead gooseneck, or other lead fitting that are connected to the service line, or both.
Replacement requirement includes **publicly** and **privately** owned portions of the Lead Service Line (LSL).
To achieve LSLR requirements, you must replace both public and private portions.

To achieve LSLR requirements, you must replace the lead gooseneck and all galvanized downstream.

To achieve LSLR requirements, you must replace the lead gooseneck.
Lead and Copper Rule: Then to Now

1986-88: Lead Ban and Lead Contamination Control Act
1991: EPA Lead and Copper Rule
2001: D.C. Water Crisis
2004-07: Lead and Copper Rule Revisions
2011: Reduction of Lead in Drinking Water Act
2014-16: Flint Water Crisis

2017: Stakeholder and Public Information Meetings
Jan 29, 2018: Draft Rule
March 2018: Public Hearing and Public Comments (~7,000 comments)
May 2018: JCAR Review and Revised Draft
June 14, 2018: Rule Changes Finalized
Lead and Copper Rule: Future Expectation

Jan 1, 2019: New Sampling Procedures for sites with LSLs (Guidance forthcoming)

Jan 1, 2020: Preliminary Distribution System Materials Inventory

Jan 1, 2025: Comprehensive Distribution System Materials Inventory

2025-2045: LSL Replacement at 5% per year

- Updated Sampling Pool
- Lead action level from 15 to 12 parts per billion
Updating Evart: Answering the Why

• City received Pilot Drinking Water Infrastructure Grant
  – Review and understand the scope of potential replacement
  – Replace Lead Service Lines as needed
  – Grant expires in May 2019
  – Preliminary inventory is occurring
Preliminary Inventory

• Inventory using existing information and field investigate

Lead
A dull, silver-gray color that is easily scratched with a coin. Use a magnet - strong magnets will not cling to lead pipes.

Galvanized
A dull, silver-gray color. Use a magnet - strong magnets will typically cling to galvanized pipes.

Copper
The color of a copper penny.

Plastic
White, rigid pipe that is joined to water supply piping with a clamp.
Sampling

- Existing sample proves to be within potable limits
- Additional sampling requirements per proposed work
Verifying Inventory

- Potential “Potholing” near the property line
- Occurring Fall 2018
Legal and Funding Considerations

• Request for Declaratory Ruling issued by Miller Canfield (August 2018)
• AWWA ACE Update from MDEQ
  – Implementation 6 months earlier than originally planned
  – EPA is also issuing new rules in 2019
  – Expect court rulings over private property replacements
• DWRF – Drinking Water Revolving Fund
  – Low interest loan program through state
  – Can be used on the private property (ruling from attorney general)
  – Incorporate in comprehensive utilities management plan
Updating Evart: Next Steps

• Finalize Inventory
• Developing LSL Replacement Plan
• Replacements to start Fall 2018
• Grant ends May 2019
Questions & Comments
Please direct additional questions to the City of Evart.