



AGENDA ITEM SUMMARY FORM

MEETING DATE: January 28th, 2025

PREPARED BY: Hector Renteria

AGENDA CONTENT: Update, discussion and possible action on the Lead Service Line Inventory with KSA and to move forward with phases 2, 3, and 4.

AGENDA ITEM SECTION: Regular Agenda

BUDGETED AMOUNT: None

FUNDS REQUESTED: \$39,225.00

FUND:

EXECUTIVE SUMMARY: The Public Works department is providing an update on the lead service line inventory. This will include the overall scope of the mandates, what to expect, what has been completed thus far, and what must be done to remain compliant with this new mandate. Phase 1 was approved for KSA to begin work on in 2022. This proposal also included the continuation of this in phase 2, 3 and 4. Attached in a separate document is KSA's overall phased approach plan for the entire process of complying with the mandate. We are also looking for approval from KSA to continue to help us make it through this new mandate.

What does the mandate mean:

The EPA created this mandate to have all lead service lines removed from public water systems. This is why we were working on completing the inventory and now must continue into the next phase. Having completed this inventory process we now know that the EPA has issued a 10-year replacement deadline. However, we cannot do a partial replacement. We must replace both the city and customer side.

What has been done thus far:

- Sigi West with KSA has compiled and submitted the Lead Service Line Inventory to the State.
- The public has been notified. We posted on the city website the Lead Service Line Inventory spreadsheet along with instructions on how residents can search the list by their name, address or account number.

What are the next steps?

- Identify the service lines that are “Unknown”. (The online spreadsheet will need to be updated as lines are identified.) 91% of the service lines are "unknown" but we know that number is not accurate. Most of the information was provided by the appraisal district. We feel like we can get that number down considerably by looking at Google Earth history and the dates certain subdivisions were built. We can also identify service lines by digging potholes 18" on either side of the meter boxes to determine what material the service line is on both the city side and customer side. Another EPA approved method, although not very accurate or reliable, is to obtain a metal detector that can penetrate 2- 3 feet into the ground and identify galvanized pipes.
- Once these lines are identified, we can discuss funding, if the inventory shows that there are many galvanized or lead services in the system.
- We will then need to discuss a replacement plan of action for those affected lines. i.e. "replace "x" amount of service lines per year". (The online spreadsheet will need to be updated as lines are replaced.)

RECOMMENDATION: Public Works recommends that we move forward with KSA to provide services for Phase 2, 3 and 4. It is also recommended that we move forward to find funding for temporary employees to complete the work in identifying the unknown lines via excavation by entering a PIF to the TWDB.