

Lead Service Line Inventory (LSLI) Deliverables Requirements

Deliverables required for Lead Service Line Inventory (LSLI) projects are contingent on the inventory results and the approved project award type. The State distinguishes between systems that demonstrate the absence of lead-related service line materials and systems that identify lead, galvanized service lines requiring replacement, or unknown service line materials.

Systems with No Lead, Galvanized, or Unknown Service Lines

If the completed inventory demonstrates that the water system has **no lead service lines, no galvanized service lines requiring replacement, and no unknown service line materials**, the Grantee shall not be required to submit a replacement plan, preliminary engineering report, or design documents.

In such cases, the Grantee shall submit the following deliverables to the SWIG program in the Grants Management System (GMS):

- A **complete LSLI** which has been reviewed and approved by the TDEC Compliance and Enforcement program.
- A **formal attestation on official letterhead**, signed by both the Grantee and the Engineer of Record, certifying that, to the best of their knowledge and based on all available records, field investigations, and reasonable due diligence, the water system does not contain lead service lines, galvanized service lines requiring replacement, or unknown service line materials.

The attestation shall be submitted in the format prescribed by the SWIG program and shall serve as the final technical deliverable for the LSLI project. Acceptance of the attestation by the SWIG program constitutes completion of the approved scope of work for inventory-only projects.

Systems Identifying Lead, Galvanized Downstream, or Unknown Service Lines – Investigation and Planning Award Type

If the inventory identifies **lead service lines, galvanized service lines requiring replacement, or unknown service line materials**, and the approved project award type is **Investigation and Planning**, the Grantee shall submit additional technical deliverables to support future replacement activities.

At a minimum, the Grantee shall submit to the SWIG program in GMS:

- A **Lead Service Line Replacement Plan** that documents inventory results, data sources, investigative methodologies, assumptions used to classify unknown materials, prioritization criteria, estimated quantities, and a proposed replacement strategy consistent with applicable EPA guidance.
- A **Preliminary Engineering Report (PER)** that evaluates replacement alternatives, outlines preliminary cost estimates, identifies implementation considerations, and supports future funding and construction readiness.

Systems Identifying Lead, Galvanized Downstream, or Unknown Service Lines – Investigation, Planning, and Design Award Type

If the inventory identifies **lead service lines, galvanized service lines requiring replacement, or unknown service line materials**, and the approved project award type is **Investigation, Planning, and Design**, the Grantee shall submit all deliverables required under the Investigation and Planning award type, in addition to design-level documentation.

In these cases, the Grantee shall also submit to SWIG in GMS:

- **Plans and Specifications** prepared by a qualified Engineer of Record and developed to a level sufficient to support the procurement and construction of lead service line replacement activities.

Plans and specifications shall be submitted to the State for review and approval and must comply with all applicable State design standards and guidance.