



March 20, 2026

Mr. Samuel Wyke
Village of Rockdale
79 Moen Avenue
Rockdale, IL 60436

Re: Lead Service Line Replacement (LSLR) Plan

Dear Mr. Wyke:

Enclosed is a copy of the draft LSLR Plan. This plan is in response to the State of Illinois's Lead Service Line Replacement and Notification Act.

Please call 815-744-4200 or e-mail miranda.gollwitzer@strand.com with questions.

Sincerely,

STRAND ASSOCIATES, INC.®

DRAFT

Miranda J. Gollwitzer, P.E.

Enclosure: Report

Report for
Village of Rockdale, Illinois

Lead Service Line Replacement Plan

Prepared by:

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In 2021, the State of Illinois passed the Lead Service Line Replacement and Notification Act (LSLRNA) that requires owners of community water supplies to develop and implement a plan for the replacement of inventoried lead service lines. The Village of Rockdale (Village) has completed an inventory of the lead service lines and is creating a Lead Service Line Replacement (LSLR) Plan to identify the location of lead water services, develop procedures to replace the water services, and identify funding mechanisms for replacements. The information contained in this report is in accordance with the Illinois Environmental Protection Agency (IEPA) LSLR Plan Checklist and the 415 Illinois Compiled Statutes Section 5/17.12 (q). This LSLR Plan is the Village's first draft and will be revised annually. The Village will post this draft LSLR Plan online at <https://rockdaleillinois.org/news-and-notice/>. The Village will provide opportunity for public comment before the final LSLR Plan is due on April 15, 2027.

WATER SYSTEM BACKGROUND

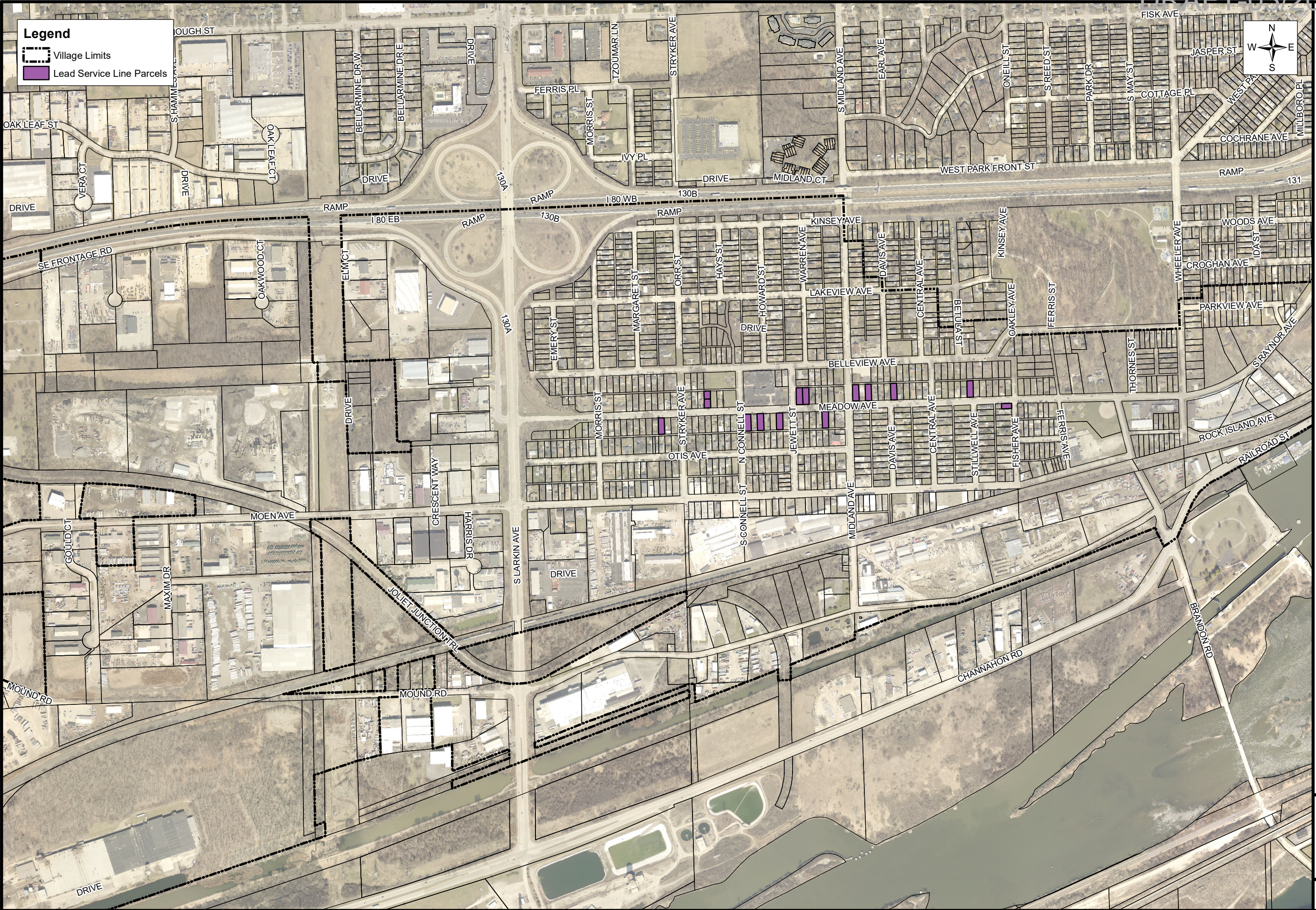
The Village is located in Will County, southwest of the City of Chicago and is surrounded by the City of Joliet and the Des Plaines River. As of the 2020 United States Census, it has a population of approximately 2,000 people. The Village's Public Water Supply Identification number is IL1970850 and has 847 utility-owned meters. The Village's water users consist primarily of residential, industrial, and commercial users. While the distribution system has approximately 85 percent residential, 12 percent industrial, and 3 percent commercial users, residential users use approximately 50 percent of the water volume in the system, industrial users use approximately 48 percent, and commercial users use approximately 2 percent. Of the water services in the Village, approximately 1.7 percent are classified as having lead material. Table 1 shows the breakdown of water service materials in the Village based on the 2026 water service line inventory. Figure 1 is a map detailing the locations of the known lead service lines. The Village replaced 55 lead service lines since 2020. No lead service lines identified serve high-risk facilities such as preschools, day care centers, day care homes, parks and playgrounds, hospitals, or clinics.

| Material | Number |
|-----------------------------------|------------|
| Copper | 734 |
| Lead | 14 |
| Plastic | 47 |
| Cast and Ductile Iron or Transite | 38 |
| Galvanized | 1 |
| Unknown | 13 |
| Total | 847 |

Table 1 Water Service Material Inventory

SCHEDULE AND FINANCING FOR LSLR

The Village proposes a 1-year schedule to replace all known lead service lines in 2026. Because there are no identified high-risk facilities served by lead service lines, and the Village has not identified high-risk areas within the community, there is not a prioritization plan for LSLR. Instead, all lead service lines will be replaced in one project.



Legend

- Village Limits
- Lead Service Line Parcels



LEAD SERVICE LINE REPLACEMENT MAP
VILLAGE-WIDE LEAD SERVICE LINE REPLACEMENT
VILLAGE OF ROCKDALE
WILL COUNTY, ILLINOIS



FIGURE 1
4761.011

The cost for replacing each lead service line is dependent on the individual property. Interior and exterior efforts may vary from property to property. Therefore, an average construction cost from approximately \$15,000 to \$20,000 per service was used to estimate costs for this LSLR Plan. These costs were based on recent LSLR projects in the Chicagoland area. Table 2 presents the cost estimates with low and high ranges for LSLR. Construction costs for full LSLR includes replacing the water service from the water main in public right-of-way (ROW) to the interior shut-off valve, related appurtenances, and restoring disturbed areas.

| Full-Service Line Replacement | Cost Estimate | |
|---------------------------------------|------------------|------------------|
| | Low End | High End |
| 14 Estimated Lead Service Lines | \$210,000 | \$1,360,000 |
| Design Engineering | \$122,200 | \$122,200 |
| Construction Engineering | \$68,000 | \$68,000 |
| Engineering and Construction Subtotal | \$190,200 | \$190,200 |
| Contingency (10%) | \$40,020 | \$47,020 |
| Replacement Total | \$440,220 | \$517,220 |

Table 2 Estimated Costs to Replace Lead Service Lines

The Village has several opportunities to fund a LSLR project including federal loan and grant programs, state loan and grant programs, and local revenue sources such as water and sewer rates. In 2023, the Village had a project plan approved by IEPA for its Public Water Supply Loan Program (PWSLP). This project plan included LSLR and other water main replacement projects. The Village received a low-interest loan with approximately 46 percent principal forgiveness from the IEPA to cover the costs of a water main and LSLR project. This would reduce costs for customers and ratepayers. As part of the approved project plan, the Village will adjust water and sewer rates to cover the costs for loan repayment.

REPLACEMENT PROCEDURES

The Illinois LSLRNA requires complete replacement of lead services lines in ROW and on private property. The Village’s LSLR project will replace the entire water service line and related appurtenances from the water main to the interior shut-off valve unless the property owner denies access, in which case the Village will only replace the public side of the service line. Service line replacements shall be completed in accordance with the Illinois Plumbing Code, Village ordinance, and any other applicable state or local requirements. Additionally, the LSLR project will comply with requirements of the Illinois LSLRNA and IEPA’s PWSLP as detailed in the following sections.

A. Minorities, Women, and Persons with Disabilities Act

The Illinois LSLRNA requires the Village to make a good-faith effort to use contractors and vendors owned by minority persons, women, and persons with a disability, as defined by the Business Enterprise for Minorities, Women, and Persons with Disabilities Act, for not less than 20 percent of total contracts. In accordance with the Illinois LSLRNA, at least 11 percent of contracts shall be awarded to minority-owned business, at least 7 percent of contracts shall be awarded to women-owned business, and at least 2 percent of contracts shall be awarded to businesses owned by persons with a disability. In

order to make a good-faith effort, the Village shall request that potential bidders post in the local newspaper in conformance with the IEPA's PWSLP standards.

B. Water Service Line Replacement

The Village will follow the notification and replacement procedure detailed in the following list when replacing lead service lines. This procedure is in accordance with the Illinois LSLRNA and the Illinois Administrative Code, Title 35, Subtitle F, Section 611.

1. At least 45 days before replacement, the Village shall contact the property owner by written notice to request access and permission to replace the service line on private property. If the property owner does not respond within 15 days, the Village shall post the notice on the entrance of the building.
 - a. If the property owner does not grant access or permission to the Village to replace the private side of the water service, the Village shall request that the property owner sign the Illinois Department of Public Health's (IDPH) Waiver of Complete LSLR, which is found online at <https://dph.illinois.gov/topics-services/environmental-health-protection/lead-in-water/lead-service-lines.html>.

The Village may continue with steps 2 through 5 with the replacement of the water service on the public side.

- b. If the property owner does not sign the waiver, or fails to respond to the Village's request, the Village shall notify IDPH within 15 days by filling out the Partial LSLR-IDPH Notification Form found online at <https://dph.illinois.gov/topics-services/environmental-health-protection/lead-in-water/lead-service-lines/required-notifications.html>.
2. At least 14 days before replacement, the Village shall notify the property owner and building occupants of the upcoming replacement. The notification may be mailed, posted at the building entrance, or electronically mailed and shall include the following:
 - a. The replacement of the lead service line may result in a temporary increase in lead levels.
 - b. Information on the best practices for preventing exposure to and risk of consumption of lead in drinking water. This shall include flushing recommendations and to clean faucet aerator screens.
 - c. Information regarding the health dangers of lead exposure to pregnant women and young children.
 - d. The statement "This notice contains important information about your water service and may affect your rights. We encourage you to have this notice translated in full into a language you understand and before you make any decisions that may be

required under this notice” shall be made in English, Spanish, Polish, Chinese, Tagalog, Arabic, Korean, German, Urdu, and Gujarati.

3. Trenchless methods shall be preferred when replacing a lead service line. This shall minimize the area disturbed by construction, thus reducing construction costs. If, based on field conditions and Village authorization is provided, open cut methods may be allowed. Materials used in replacing the water service that are in contact with water shall meet the requirements of the National Sanitation Foundation. After the water service has been reinstated, the Village shall assist the building occupants with performance of flushing the entire building using the following procedure:
 - a. Locate all faucets in the building that drain, including laundry tubs, hose bibs, bathtubs, and showers.
 - b. Remove aerators and screens from faucets where possible, including showerheads.
 - c. Open faucets in the basement or lowest floor in the building. Leave faucets running at the highest rate possible and using cold water.
 - d. Open faucets on the next highest floor of the building. Continue in this manner until all faucets are open.
 - e. Once all faucets are open, leave running for at least 30 minutes.
 - f. After 30 minutes, turn off faucets in the order they were opened.
 - g. Clean the aerators and screens at each faucet.
4. The Village shall provide the property owner or each unit of the building with a pitcher filter or point-of-use treatment device to reduce lead, 6 months of replacement cartridges, and use instructions at the time of replacement.
5. Within 24 hours of replacement, the Village shall notify the property owner and building occupants of the replacement. The notification shall include the following:
 - a. The replacement of the lead service line may result in a temporary increase in lead levels.
 - b. Information on the flushing procedure used after water service was restored.
 - c. Offer to collect a water sample between 3 and 6 months after replacing the lead service line and provide results to the property owner.