



August 4, 2026

Honorable Crystal Herrmann
Alexander City Hall
15605 Alexander Road
Alexander, AR 72002

Delivered via Email: mayor@cityofalexander.org

RE: Connection Locations to LRWRA Sewer in the City of Alexander

Dear Mayor Herrmann,

During the meeting held on June 29, 2026, between the Little Rock Water Reclamation Authority ("LRWRA"), the City of Alexander ("Alexander"), and the St. Joseph's Glen Property Owners Association, we discussed Alexander's need to evaluate potential wastewater connection points for the St. Joseph's Glen development and future developments located south of the current LRWRA sewer service area. To support this evaluation, LRWRA engaged its consulting engineers to review the Authority's hydraulic model and assess available system capacity within the area.

The hydraulic model indicates that approximately 226 gallons per minute ("gpm") of capacity is available at manholes -7Y001 and -8X002 (Image 1). Using LRWRA's Engineering Standards and Specifications, our engineering staff calculated the projected wastewater flow from the St. Joseph's Glen development to be approximately 161 gpm. If St. Joseph's Glen were to connect at either of these manholes, the remaining available capacity would be approximately 65 gpm, which is sufficient to serve an estimated 20-acre residential development consisting of approximately 60 homes.

Any additional flows beyond the remaining 65 gpm would need to connect to the 12-inch sewer line located at manhole -7X009 (Image 2).

St. Joseph's Glen's location on the northern portion of the undeveloped area is relevant to Alexander's evaluation of available connection points. Depending on the connection location selected, the 226 gpm of capacity at manholes -7Y001 and -8X002 may either be used for St. Joseph's Glen or remain available for potential future development farther south.

In addition, the existing contract between LRWRA and Alexander limits the wastewater peak daily flow rate to 750 gpm. This limitation is based on the capacity of the existing 18-inch diameter interceptor currently serving Alexander. Presently, Alexander's peak daily flow is approximately 300 gpm, leaving 450 gpm of available contractual capacity. Based on LRWRA's flow projections, St. Joseph's Glen is expected to contribute approximately 161 gpm, which would reduce the remaining available capacity to approximately 289 gpm. LRWRA is providing

this information to assist Alexander in evaluating how the selected connection location may affect available capacity for future development within Alexander's service area.

Regardless of the proposed connection location, Alexander must obtain prior written approval of both the Little Rock Water Reclamation Commission and the City of Little Rock Board of Directors before any connection or extension is made, in accordance with the terms of the existing contract between Alexander and LRWRA. In addition, Alexander must ensure that all improvements identified in LRWRA's January 30, 2023, correspondence to Alexander have been completed prior to any connection to the LRWRA system.

LRWRA greatly values its productive partnership with the City of Alexander, which has spanned more than twenty years, and we look forward to continuing that relationship for many years to come.

Should you have any questions or wish to discuss these findings further, please feel free to contact me at (501) 688-1486 or by email at rebecca.keckler@lrwra.com.

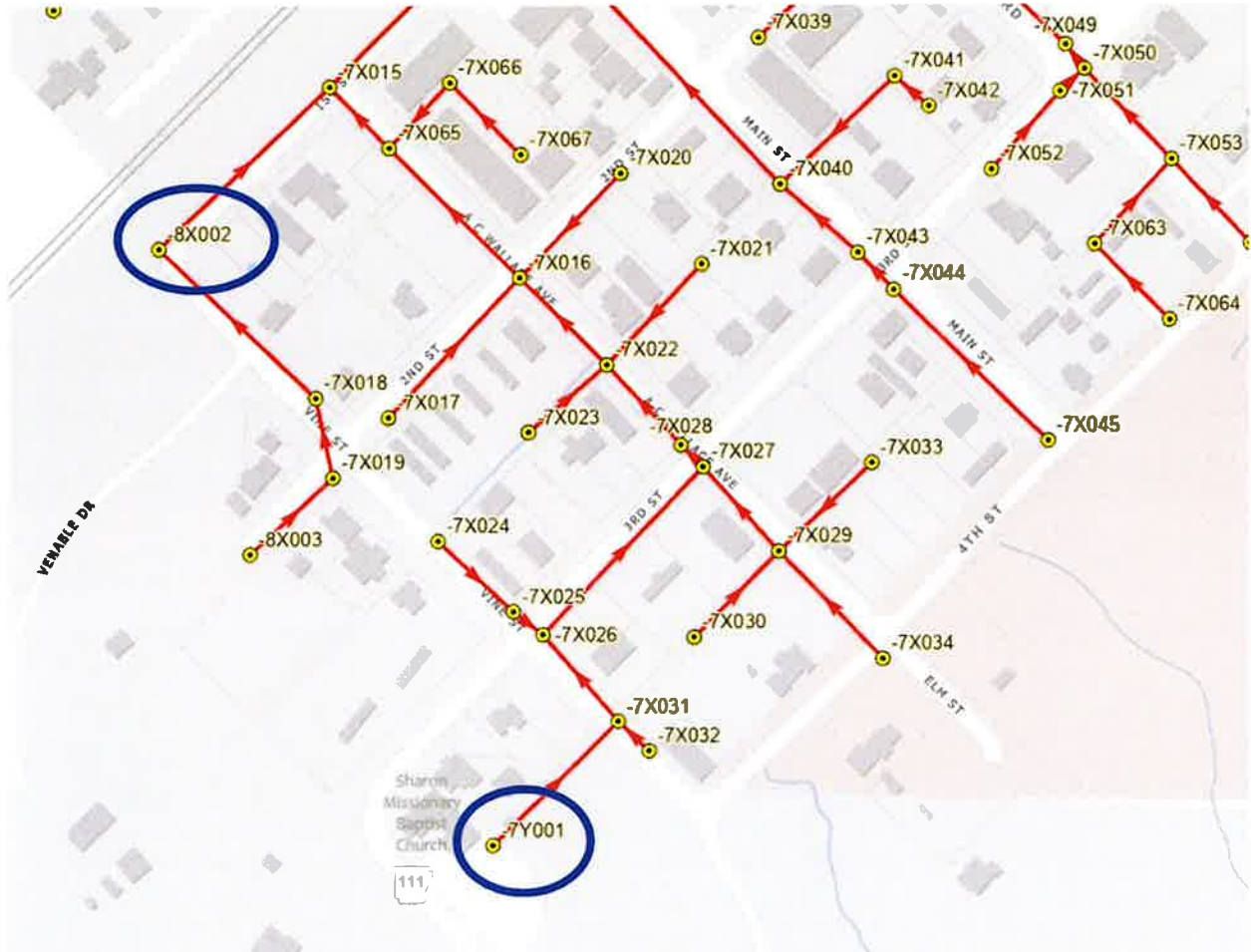


Rebecca Burkman Keckler, Director
Environmental Affairs

Enclosure: Little Rock Water Reclamation Authority (LRWRA) Sewer Maps

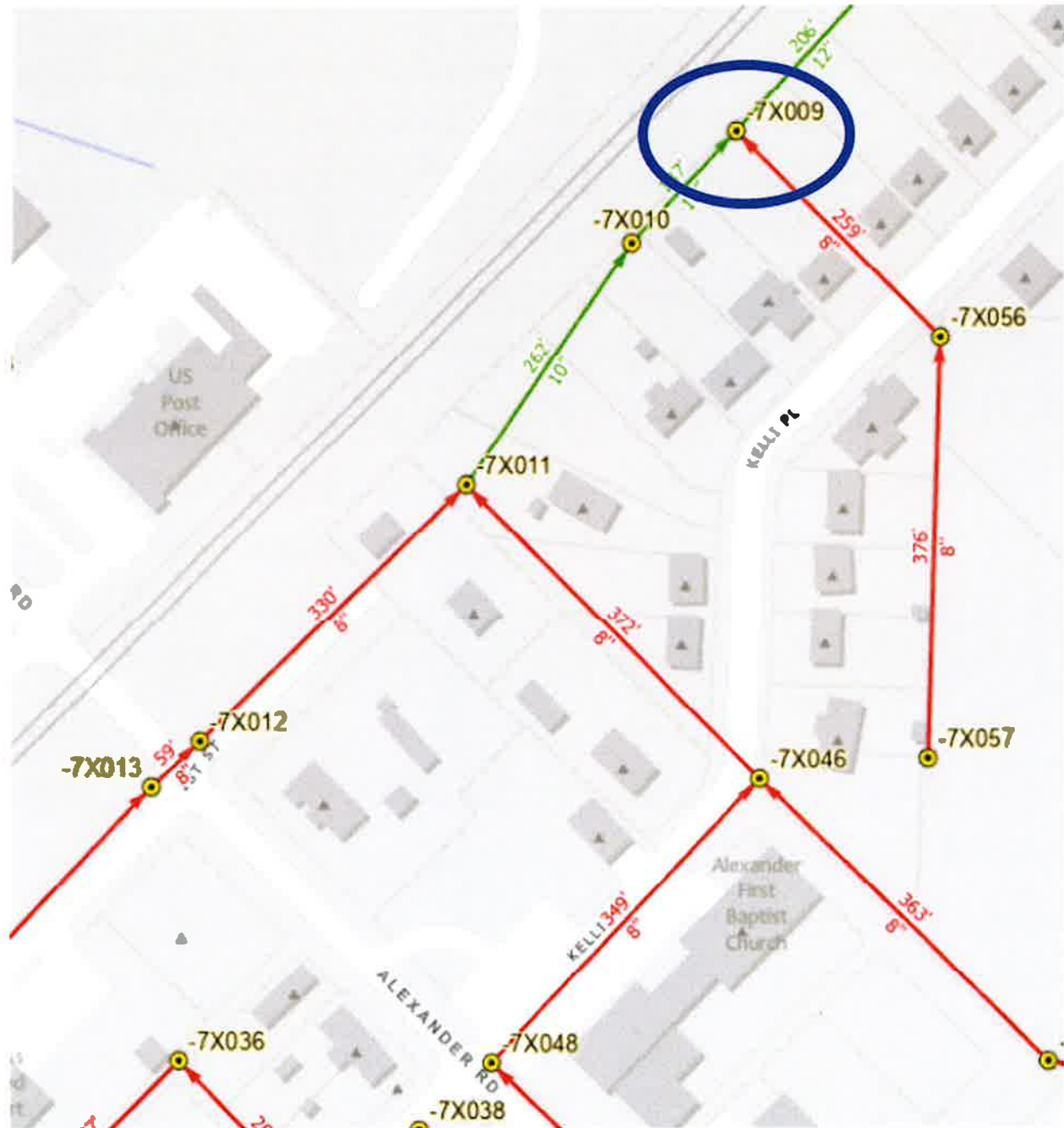
Cc (via e-mail):
Chris Madison, City of Alexander
Deanna Ray, LRWRA

Image 1



Manholes -7Y001 and -8X002 – Located at the southern end of the LRWRA sewer service area in Alexander.

Image 2



Manhole -7X009 – 12-inch line located in the northern end of the LRWRA sewer service area in Alexander.