

# City of Santa Fe, New Mexico

# memo

**Date:** January 20, 2026

**To:** Public Works/Public Utilities Committee

**From:** Taylor Jurgens, Water Division Engineer <sup>TRJ</sup>

**Via:** Jesse D. Roach, Interim Public Utilities Director <sup>JR</sup>  
Jonathan M. Montoya, Acting Water Division Director <sup>JM</sup>

**RE:** 2026 Annual Water Division Asset Management Plan Update

**ITEM:**

This memorandum provides a summary of the City of Santa Fe Water Division's current asset management plan, ongoing asset management practices completed, and progress made in updating and expanding the asset management program over the previous year.

The Water Division's current asset management plan was implemented in 2020. This asset management plan includes an inventory of water system assets; establishes levels of service and performance measures; identifies the risk score for water system assets using likelihood and consequence of failure scoring; includes guidelines for prioritizing capital improvements projects; outlines preventative maintenance activities and frequencies for different assets; projects long term funding needs over a 30-year period based on remaining useful life calculations and rehabilitation and replacement schedules; and identifies a roadmap for the Water Division to continue expanding the asset management program.

Over the previous year, the Water Division continued performing ongoing asset management practices recommended in the current asset management plan. Regular asset inventory updates in the Water Division's GIS system were completed as new linear assets were added or existing assets were replaced or repaired. The Water Division's priority line replacement program, which replaces existing water mains in the system that are in poor condition or undersized, completed approximately 1.5 miles of water main replacements and one pressure reducing valve replacement over the past year.

The Water Division made significant progress in the implementation of a new asset management software in 2025. At the start of the year, the City entered into a contract with Vertosoft, LLC, to procure and implement OpenGov's Enterprise Asset Management software within the Public Utilities Department and Public Works Department. The Public Utilities software implementation process began in July, and in November, the Public Utilities Department got access to their OpenGov test site. With the test site active, the Water and Wastewater Divisions are now in the testing and verification phase of the implementation. During this phase, staff will use the test site to learn the functionality of the software, verify asset data in the system, configure work order setup and processes, and start to incorporate the software into day-to-day activities. The software is scheduled to go live in March 2026. Once in the live environment, the Water Division will begin using the basic asset and maintenance management tools of the software. Over time, staff will continue to expand their capabilities and

functionality within the system. The new asset management software will satisfy several of the steps recommended by the implementation roadmap included in the current asset management plan.

In addition to the new asset management software, the Water Division also implemented a new predictive water main failure software called VODA.ai in 2025. This software uses machine learning to analyze historical water main break data and develop a risk model for existing mains that is used to predict which mains are most likely to fail in the near future. The software also produces up-to-date remaining useful life projections and risk scores for all the water lines in the City's system. This data is now being used to inform the Water Division's priority line replacement program, and it will eventually feed into the new asset management system.

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