





City of Santa Fe, New Mexico

memo

Date: January 06, 2025

To: Public Works/Public Utilities Committee

From: John Del Mar, Water Division Engineer Supervisor 
Taylor Jurgens, Water Division Engineer 

Via: John E. Dupuis, Public Utilities Director 
Jesse D. Roach, Water Division Director 

RE: Update on the Water Division's Asset Management Plan and Implementation.

ITEM:

The City of Santa Fe Water Division is implementing an improved asset management system to better manage the City's water infrastructure. In 2019, the Water Division initiated a formal Asset Management Plan as a response to requirements to receive Water Trust Board funding for the Nichols Dam improvements. The Water Division hired Brown and Caldwell and FCS Group to assist with documenting and evaluating a complete inventory of Water Division assets. A system-wide survey was conducted that resulted in an asset management report, a detailed plan for an improved asset management program, and specific requirements for asset management software.

In 2023 and early 2024, the Water Division, Wastewater Management Division, and Buckman Direct Diversion evaluated several asset management software vendors to identify which vendor provided the solution that was best suited for the City's needs. OpenGov was selected as the preferred vendor. The Public Works Department plans to join Public Utilities in implementing the OpenGov asset management software. This will provide consistency, increased collaboration, knowledge sharing, and cost efficiency across multiple departments within the City.

During the second half of 2024, the detailed scope of work for the new software and implementation was finalized so that the software may be procured via a cooperative procurement contract. The contract has been drafted and is in the review and approval process, with the goal of being submitted to committees and Governing Body in January 2025.

Once the contract is executed, the software implementation phase will begin. Implementation for Public Utilities is expected to take approximately 8 months. After implementation, the software will go live, and Public Utilities staff will begin using the software. OpenGov will be available for support and training after launch.

In addition to the new asset management software, the Water Division also plans to implement a new predictive water main failure software called VODA.ai in early 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. This software will be used to inform the Water Division's priority line replacement program.