



City of San Antonio

Agenda Memorandum

File Number:
23-189404

Agenda Item Number: 5

Agenda Date: January 24, 2023

In Control: Municipal Utilities Committee

DEPARTMENT: Finance Department

DEPARTMENT HEAD: Troy Elliott

COUNCIL DISTRICTS IMPACTED: Citywide

SUBJECT:

SAWS Water Supply Security

SUMMARY:

SAWS to provide a briefing on the components of water supply security including identifying water supplies, contract term, volumes produced or purchased, and supply cost.

BACKGROUND INFORMATION:

In 1995, SAWS was 100 percent dependent upon the Edwards Aquifer as the sole water supply source. Since that time, SAWS has successfully diversified the water supply portfolio to include fifteen water supply projects from nine water sources.

2022 was the second driest year on record in San Antonio with 11.51 inches of rain and a 26.68 percent critical period reduction on SAWS Edwards Aquifer supply. The region started 2023 in continued drought conditions and with the Edwards Aquifer in Stage 3 critical period. A major

benefit and tool utilized during this drought has been the use of the Aquifer Storage and Recovery as recovered, stored Edwards Aquifer water off-set the production from the Edwards Aquifer.

Due to SAWS planning and development of a diversified water portfolio, SAWS water management has proven extremely resilient by reducing the adverse effects of drought and managing any climate-related impacts to one or more water sources.

SAWS is undertaking the development of its long-term public Water Management Plan (WMP) which serves as a roadmap for forecasting and planning for the community's long-term water security needs and was briefed to the Municipal Utilities Committee September 2022.

SAWS water supply security ensures our growing community has sustainable and affordable water supplies today and for generations to come.

ISSUE:

Briefing by SAWS on water supply security.

FISCAL IMPACT:

This item is for briefing purposes only.

ALTERNATIVES:

This item is for briefing purposes only.

RECOMMENDATION:

This item is for briefing purposes only.