



Meeting Date: June 20, 2018

Staff Contact: Katherine Yuhas, Water Resources Division Manager

TITLE: R-18-19 - Authorizing a Joint Funding Agreement with the USGS for Monitoring and Analysis of Surface Water and Groundwater

ACTION: Recommend Approval

Summary:

For over twenty years, the Water Authority has partnered with the USGS to study the quality and quantity of water resources in the Middle Rio Grande. This Joint Funding Agreement (JFA) extends that ongoing work for another five years and will include: streamflow monitoring, surface water quality monitoring, groundwater level monitoring, aquifer compaction and recovery monitoring, groundwater level change and groundwater level maps, groundwater level monitoring network optimization, microgravity monitoring of groundwater level changes and analysis of historic and current surface water quality data.

FISCAL IMPACT: \$237,491 annually and is budgeted in the Water Resources contractual services.

ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY

BILL NO. R-18-19

RESOLUTION

AUTHORIZING A JOINT FUNDING AGREEMENT WITH THE UNITED STATES GEOLOGICAL SURVEY FOR MONITORING AND ANALYSIS OF SURFACE WATER AND GROUNDWATER.

WHEREAS, the United State Geological Survey (USGS) Water Resources Mission is to provide reliable, impartial, timely information that is needed to understand the Nation's water resources; and

WHEREAS, the mission of the Water Authority is to provide a resilient, sustainable water supply to the customers in its service area; and

WHEREAS, the Water Authority Board adopted the update to the Water Resources Management Strategy: Water 2120 on September 21, 2016; and

WHEREAS, an understanding of our groundwater and surface water supplies both in terms of quality and quantity is critical to the implementation of Water 2120; and

WHEREAS, the Water Authority has been working with the USGS for several decades to develop a record and analysis of the quality and quantity of water resources in the Middle Rio Grande.

BE IT RESOLVED BY THE WATER AUTHORITY:

Section 1. The Water Authority is authorized to enter into a Joint Funding Agreement beginning July 1, 2018 with the United States Geological Survey whereby the Water Authority will provide up to \$1,187,459 and the USGS will provide up to \$971,554 over the next five years for streamflow monitoring, surface water quality monitoring, groundwater level monitoring, aquifer compaction and recovery monitoring, groundwater level change and groundwater level maps, groundwater level monitoring network optimization, microgravity monitoring of groundwater level changes and analysis of historic and current surface water quality data.