



Florida's Warmest Welcome

**City of Pompano Beach
UTILITIES ADMINISTRATION**

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MEMORANDUM NO. 23-18

DATE: June 12, 2023
TO: Gregory P. Harrison, City Manager
VIA: A. Randolph Brown, Utilities Director
FROM: Mondy Claude, Utilities Business Operations Analyst
SUBJECT: Interlocal Agreement for Saltwater Intrusion Modeling

The Utilities Department intends to enter into an agreement with Broward County for a study by the United States Geological Survey ("USGS") that will evaluate the changes to the spatial distribution of salinity within the surficial aquifer of the urbanized areas of Broward County. The result of the study will assist the City of Pompano Beach in staying informed on the current, historical and projected future spatial distributions of salinity within the surficial aquifer and will help identify the primary influences on the advancement of the saltwater front.

Recommendation:

The Utilities Department recommends approval to enter into the Interlocal Agreement with Broward County for the cost sharing support of this project because saltwater intrusion into the coastal part of the surficial aquifer of Southeast Florida is a major concern for water-supply managers in Broward county and Pompano Beach. The fiscal Impact for this 3-year agreement is \$87,437, which will be paid as a lump sum payment from account number 412-3305-533-31-10