



MEMORANDUM TO VENICE CITY COUNCIL

THROUGH CHARTER OFFICER: Edward Lavalley, City Manager **E-SIGN:**
FROM: Javier A. Vargas, MPA, Utilities Director and Brenda Westlake, Grants Administrator
DEPARTMENT: Utilities and Finance Departments

DATE: October 21, 2022 **MEETING DATE:** Tuesday, November 29, 2022

SUBJECT / TOPIC: Approval to Execute First Amendment to Agreement Between the Southwest Florida Water Management District (SWFWMD) and the City of Venice for a New Reclaimed Water Aquifer Storage and Recovery (ASR) Well System at the Eastside Water Reclamation Facility (EWRF)

BACKGROUND INFORMATION:

The City of Venice owns and operates the Eastside Water Reclamation Facility (EWRF), which has a permitted capacity to treat up to 8 million gallons per day (MGD) of wastewater. Current average flows are about 3.5 MGD. For every gallon of wastewater treated, one gallon of reclaimed water must be reused/reclaimed or disposed. Reclaimed water or high-level treated effluent is used as irrigation water or discharged to surface water via Curry Creek or the Sarasota County deep injection well. The reclaimed water that is produced every day must be stored until it is needed for irrigation purposes. Storage can be in lined ponds, tanks, or in a deep aquifer. Aquifer storage and recovery (ASR) is a water resources management technique for actively storing water underground during wet periods for recovery when needed, usually during dry periods. ASR is by far the most cost-effective method of providing the millions of gallons of storage needed for a fully optimized reuse program. The City pursued and obtained funding through the District's Cooperative Funding Initiative (CFI). As a result, the City and the SWFWMD entered into an agreement on October 1, 2019. Both parties desire to amend the existing agreement to replace the District's contract manager, extend the contract period, modify the project schedule, increase the funding and update the contract language as applicable.

The Utilities Department is requesting approval and execution of the Grant Agreement Amendment #1 with SWFWMD for the cooperative funding of the first phase of the Aquifer Storage and Recovery Well project for a total of \$5,489,572, of which the City's portion is \$2,744,876. As this is a 50/50 matching grant, the City will be responsible for \$2,744,876.

SUPPORTS STRATEGIC PLAN: Goal Four: Upgrade and Maintain City Infrastructure and Facilities

COUNCIL ACTION REQUESTED For Council Adoption by Consent Motion

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Yes N/A
 Document(s) Reviewed for ADA compliance (required if for agenda posting)
 City Attorney Reviewed/Approval

- Risk Management Review
 - Finance Department Review/Approval
- Funds Availability (account number): 421-1204-535.63-00

Original(s) attached: Grant Agreement Amendment No. 1 between the Southwest Florida Water Management District and the City of Venice

Cc: Linda Senne, Finance Director and Peter Boers, Procurement Manager