



**INDIAN RIVER COUNTY, FLORIDA  
DEPARTMENT OF UTILITY SERVICES**

**Date:** October 13, 2017  
**To:** Jason E. Brown, County Administrator  
**From:** Vincent Burke, P.E., Director of Utility Services  
**Prepared By:** Arjuna Weragoda, P.E., Capital Projects Manager  
**Subject:** Upper Floridan Aquifer Modeling and Consumptive Use Permit Modification - Amendment No. 1 to Work Order No. 3

**DESCRIPTIONS AND CONDITIONS:**

On September 22, 2015, the Board of County Commissioners (BCC) approved Work Order No. 3 with CDM Smith to embark on restructuring the existing St. Johns River Water Management District (SJRWMD) Consumptive Use Permit (CUP).

**ANALYSIS:**

On September 29, 2015, staff issued a notice to proceed in regard to the task outlined in Work Order No. 3. As the modeling efforts began, the county opted to request additional wellfield allocation, in addition to the operational flexibility, to meet anticipated demands through the duration of the permit (based on the increasing sale of Equivalent Residential Units (ERUs) and a recent uptick in development/new construction). The request for an increase in allocation involves the preparation of additional supporting documentation that was not originally included in the Scope of Services, such as an update to the water conservation plan, reuse feasibility study, population projections and unaccounted for water survey. Therefore, these items are covered under the Amendment No. 1 to Work Order No. 3 for a sum amount of \$6,200, bringing the revised total to \$141,400.

**FUNDING:**

Funds for this project are derived from the other professional services account in the operating fund. Operating funds are generated from water and sewer sales.

Description	Account Number	Amount
Other Professional Services	47121936-033190	\$6,200

**RECOMMENDATION:**

Staff recommends approval of Amendment No. 1 to Work Order No. 3 and requests that the Board of County Commissioners authorize the Chairman to execute the amendment on their behalf to engage the services of CDM Smith for a sum amount of \$6,200.

**ATTACHMENT(s):**

1. Amendment No. 1 to Work Order No. CCNA-2014-WO 3 Upper Floridan Aquifer Modeling and Consumptive Use Permit Modification