

**Indian River County, Florida
Department of Utility Services
Board Memorandum**

Date: March 17, 2021

To: Jason E. Brown, County Administrator

From: Vincent Burke, PE, Director of Utility Services

Prepared By: Scott Reynolds, Environmental Compliance Analyst

Subject: Work Order #9 Well Abandonment and Additional Testing

Descriptions and Conditions:

Indian River County Department of Utility Services (IRCDUS) recently purchased 243 acres, located at 375 82nd Avenue, to serve as additional storage of reuse water from the West Regional Wastewater Treatment Facility (WWTF) during the rainy season when the necessity for reuse water is limited. The goal of the proposed reclaimed water storage will be to provide sufficient capacity to store water during the wet season, and supply reuse water in the dry season and achieve a zero discharge to the relief canal. Tetra Tech, Inc. (Tetra Tech), as part of the County’s due diligence process prior to purchasing the property, was contracted to provide professional services and has completed the Phase I and Limited Phase II Environmental Site Assessments (ESA) for this project.

Analysis:

In the next phase, Tetra Tech will manage the permitting and abandonment of two ground water wells on the site. These wells are not being used and are outside the scope of the current cattle lease. Tetra Tech will provide additional soil delineation of the arsenic impact found at the tank laydown site. Based on the results of the assessment, additional soil and ground water analysis may be necessary as detailed in the attached scope of work.

Task	Description	Cost
Task 1	Mobilization –Work Plan & Permits	\$ 1,322.64
Task 2	Well Abandonment	\$ 18,078.42
Task 3	Removed	\$
Task 4	Supplemental Site Assessment	\$ 4,325.32
Task 5	Site Assessment Report	\$ 4,149.84
Project Total		\$ 27,876.22

Note: In 2019, staff estimated clean-up costs of \$200,000 – \$300,000. This phase is the beginning of the clean-up process. Additional costs may be necessary, but are not yet identified. Site assessments conducted during the clean-up will help to identify and prioritize additional costs. These additional potential costs may

Consent Item

include, but are not limited to: soil remediation, Solid Waste Disposal District dump fees, Florida Department of Environmental Protection requirements/permits, and monitoring wells.

Funding:

Funds for the services are in the Other Professional Services budget in the Utilities Operating Fund. Utilities operating funds are generated from water and sewer revenues.

ACCOUNT NAME	ACCOUNT NUMBER	AMOUNT
W WWTF Wet Weather Storage	47121836-033190-20518	\$27,876.22

Recommendation:

Staff recommends approval of Work Order Number 9 to Tetra Tech, Inc., authorizing Professional Services, in accordance with the 2018 Continuing Consulting Engineering Services Agreement, outlined in Exhibit A (Scope of Work) and requests the Board of County Commissioners to authorize the Chairman to execute Work Order Number 9 on their behalf for a not to exceed amount of \$27,876.22.

Attachments:

Tetra Tech Work Order No. 9 Well Abandonment and Building Assessment