

Indian River County, Florida
Solid Waste Disposal District
Board Memorandum

Date: April 18, 2023

To: John A. Titkanich, Jr., County Administrator

From: Sean Lieske, Director of Utility Services

Prepared By: Ronnie T. Jones, BSCE, A.M. ASCE Assistant Managing Director, Solid Waste Disposal District

Subject: Approval for Continued Rental of Frac Tanks and Equipment for Leachate Disposal

Descriptions and Conditions:

On May 18, 2021, the Indian River County (IRC) Solid Waste Disposal District (SWDD) Board directed staff to explore options for off-site disposal of concentrated leachate as the West Regional Wastewater Treatment Plant (WRWTP), operated by the Indian River County Department of Utility Services (IRCDUS), was not able to process this material.

On June 15, 2021, the SWDD Board approved issuing purchase orders to Rain for Rent for the rental of two temporary storage frac tanks for concentrated leachate, and to Aqua Clean for the off-site transportation and disposal of the leachate.

On January 17, 2023, the SWDD Board approved staff recommendation to coordinate with the Purchasing Department to amend and increase by \$22,000 the existing Purchase Order #95005 to Rain for Rent for the rental of an additional storage frac tank for concentrated leachate. This action brings the total number of frac tanks and associated equipment being utilized for leachate treatment to three.

The utilization of frac tanks was anticipated to be a short-term effort until the 500,000-gallon Crom tank could be rehabilitated and used for leachate storage to serve the Heartland leachate evaporator, which came on-line April 11, 2023; however, due to unforeseen delays, it will be October 2023 before the Crom tank and associated pipe and pump systems are completed and tested, resulting in the need for a continued temporary solution. Therefore, staff recommends the continued utilization of all three frac tanks and associated equipment, for the temporary storage of leachate to be processed by the Heartland Leachate Evaporator.

Analysis:

Staff obtained proposal #1027-IND-2069055 from Rain for Rent to include all three (3)–21,000-gallon storage tanks including spill containment and miscellaneous equipment for temporary storage of the leachate. The rental cost is \$9,790.07 per month; however, the removal cost of the equipment, except tanks, have a separate one-time cost of \$3,513.32. The total six-month rental cost is \$62,253.74.

Funding:

Funding for the frac tanks is budgeted and available in the SWDD/Landfill/Other Contractual Services account, number 41121734-033490, for a total amount of \$62,253.74, which is funded from the SWDD assessments and user fees.

Description	Account Number	Amount
SWDD/Landfill/Other Contractual Services	41121734-033490	\$62,253.74

Recommendation:

Staff recommends approval from the Solid Waste Disposal District Board to approve the change order and to coordinate with the Purchasing Department to amend and increase the existing Purchase Order #95005 by \$62,253.74.

Attachment:

1. Rain for Rent proposal #1027-IND-2069055