

**Indian River County, Florida
Solid Waste Disposal District (SWDD)
Board Memorandum**

Date: May 24, 2023

To: The Solid Waste Disposal District Board of County Commissioners

Through: John A. Titkanich, Jr., County Administrator
Sean C. Lieske, Director of Utility Services

Prepared By: Ronnie T. Jones, BSCE, A.M. ASCE Assistant Managing Director, SWDD

Subject: Approval for Continued Laboratory Services

Descriptions and Conditions:

On January 11, 2023, the Solid Waste Disposal District (SWDD) issued Purchase Order 95537 in the amount of \$35,000, which was issued to Eurofins Environmental Testing America Holdings Inc. for the purpose of performing chemical analysis of monitoring wells.

Analysis:

Based on the recent installation of four additional monitoring wells for the leachate evaporator to comply with the Florida Department of Environmental Protection requirements and the updated monitoring schedule (the six monitoring events associated with these new wells) provided from Geosyntec Consultants, Inc., additional monitoring costs will be required to ensure continued compliance. Each monitoring event requires the sampling for the following laboratory analytes (this is similar to the semiannual event sampling list):

- Ammonia by EPA Method 350.1
- Chlorides, nitrate, sulfate by EPA Method 300
- Total Dissolved Solids (TDS) by SM 2540C
- Cyanide and sulfide by SM 4500
- 20 metals by EPA Method 6010 and 6020
- 63 volatile organic compounds (VOCS) by EPA 8260
- 112 semi volatile organic compounds (SVOCs) by EPA 8270
- 19 pesticides by EPA Method 8081
- PCBs by EPA Method 8082A

Due to the additional wells that were required to be added as part of the leachate evaporator system, SWDD staff is requesting an increase of \$50,000.

Funding:

Funding for the laboratory services is budgeted and available in the SWDD/Landfill/Other Contractual Services account, number 41121734-033490, for a total amount of \$85,000, which is funded from the SWDD assessments and user fees.

Description	Account Number	Amount
SWDD/Landfill/Other Contractual Services	41121734-033490	\$85,000

Recommendation:

Staff recommends the Solid Waste Disposal District Board authorize the Purchasing Division to amend and increase the existing Purchase Order 95537 by \$50,000.

Attachment:

1. Geosyntec Updated Monitoring Schedule