

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

**Date:** June 2, 2022

**To:** Jason E. Brown, County Administrator

**From:** Sean C. Lieske, Director of Utility Services

**Prepared By:** Himanshu H. Mehta, PE, Managing Director, Solid Waste Disposal District

**Subject:** Work Order No. 16 to Geosyntec for One Year of Groundwater Monitoring/Reporting and Related Consulting Services at the Former South Gifford Road Landfill

**Descriptions and Conditions:**

In accordance with the requirements by the Florida Department of Environmental Protection (FDEP), the former South Gifford Road landfill site requires continual groundwater monitoring activities and regulatory oversight to show that Indian River County (IRC) and the Solid Waste Disposal District (SWDD) are proactively taking efforts to remediate the site.

FDEP requires submittal of the first 2022 semi-annual groundwater monitoring report no later than July 31, 2022 (to document results of the summer 2022 sampling event) and the second 2022 semi-annual groundwater monitoring report no later than February 28, 2023 (to document results of the winter 2022 sampling event). Previous sampling, reporting, and remedial events performed by Geosyntec have been completed on schedule and within budget.

Accordingly, staff requested the attached proposal from Geosyntec to provide groundwater monitoring and reporting for an additional one-year period and annual pollution remediation liabilities evaluation.

**Analysis:**

Geosyntec’s proposal includes two semi-annual monitoring and reporting events for the plume monitoring well network and preparation of an annual pollution remediation liabilities evaluation. Geosyntec’s proposal consists of five main phases as follows:

Phase Description	Budget
Phase 1: Project Management	\$ 6,431.32
Phase 2: Meetings/Regulatory Interaction	\$ 4,651.48
Phase 3: Annual Pollution Remediation Liabilities Evaluation	\$ 5,963.70
Phase 4: Semi-Annual Sampling Activities	\$48,221.04
Phase 5: Data Evaluation and Semi-Annual Reporting	\$15,092.60
<b>Total</b>	<b>\$80,360.14</b>

Phase 1 includes project planning and management responsibilities. Phase 2 includes meeting attendance and interaction with regulatory agencies. Phase 3 includes preparation of the annual environmental liability evaluation in response to Governmental Accounting Standards Board Statement No. 49 (GASB No. 49), Accounting and Financial Reporting for Pollution Remediation Obligations, which requires the inclusion and calculation of pollution remediation obligations. Phase 4 includes field preparation, groundwater sampling, and water level measurements during two groundwater monitoring events. Phase 5 includes data evaluation and semi-annual reporting.

**Funding:**

Funding for this work is budgeted and available in the Optional Sales Tax/Landfill Groundwater Testing account, number 31521734-033490-03004, which is the one-cent sales tax fund used for infrastructure needs of IRC. Costs associated with the landfills are authorized uses of the one-cent sales tax, in addition to infrastructure.

Description	Account Number	Amount
Optional Sales Tax/Landfill/Landfill Groundwater Testing	31521734-033490-03004	\$80,360.14

**Recommendation:**

Solid Waste Disposal District staff recommends that its Board approves and authorizes the Chairman to sign Work Order No. 16 authorizing Geosyntec to provide groundwater monitoring/reporting and related consulting services for the Former Gifford Road landfill in compliance with Florida Department of Environmental Protection requirements for a period of one year, not to exceed fee of \$80,360.14.

**Attachment:**

1. Geosyntec Work Order No. 16