

14 October 2024

Mr. Himanshu H. Mehta, P.E.
Managing Director
Solid Waste Disposal District
Indian River County
1325 74th Avenue SW
Vero Beach, Florida 32968

**Subject: Project Management Completion Report and Transmittal of Invoice No. 586225
IRC – 2023 Permit Compliance Monitoring and Reporting
IRC Work Authorization No. CCNA-2018-Work Order No. 19 and Amendment No. 1
Indian River County Landfill Facility, Vero Beach, Florida**

Dear Mr. Mehta:

INTRODUCTION

Geosyntec Consultants, Inc. (Geosyntec) is pleased to present to you this project completion report for Geosyntec Project No. FL3738D – 2023 Permit Compliance Monitoring and Reporting for the Indian River County Landfill Facility. This project was completed under Work Order No. CCNA-2018-Work Order No. 19 authorized on 31 January 2023 and Amendment No. 1 authorized on 29 August 2023 pursuant to that certain Continuing Contract Agreement for Professional Services, dated 17 April 2018 (collectively referred to as the “Agreement”), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida (“COUNTY”) and Geosyntec (“Consultant”). This report has been prepared as a supplement to our final invoice No. 586225, dated 4 October 2024.

SCOPE OF WORK

The scope of work authorized under Work Order No. CCNA-2018-Work Order No. 19 was divided into six phases: (i) general consulting/meeting support/project management; (ii) Semi-Annual Sampling and Reporting; (iii) Quarterly Assessment Monitoring and Reporting; (iv) Title V Permit Compliance and Reporting; (v) Technical and Miscellaneous Permit Compliance Support and Reporting; and, (vi) Storage Tank Groundwater Monitoring Well Installation, Sampling, and Reporting. The scope of work authorized under Amendment 1 to Work Order No. CCNA-2018-Work Order No. 19 was for the installation of one irrigation well (to 60 feet below land surface) and abandonment of two irrigation wells. The following is a phase-by-phase summary of the work that Geosyntec performed under this Work Order.

Phase 1 – General Consulting/Meeting Support/Project Management

Under this phase, Geosyntec performed project planning and management responsibilities, such as meetings and correspondences with SWDD, ENCO Labs, Eurofins Laboratory, Republic, and the Florida Department of Environmental Protection (FDEP); invoice review and preparation; project coordination; and project administration.

Phase 2 – Semi-Annual Sampling and Reporting

Under this phase, Geosyntec completed the January and July 2023 semi-annual sampling and prepared the water-quality monitoring reports for the Class I Landfill and C&D Debris Disposal Facility for submittal to FDEP as required by the WQMP.

Phase 3 – Quarterly Assessment Monitoring and Reporting

Under this phase, Geosyntec completed the January, April, July and October 2023 quarterly sampling and prepared the water-quality assessment monitoring reports for the C&D Debris Disposal Facility select groundwater wells and surface water locations for submittal to FDEP as required by the WQMP and the October 14, 2019 correspondence from FDEP to SWDD.

Phase 4 – Title V Permit Compliance and Reporting

Under this phase, Geosyntec prepared and submitted the Title V Air Permit compliance monitoring reports [including the annual statement of compliance, electronic annual operating report (EAOR), semi-annual monitoring reports, and annual LFG sulfur content testing and emissions report].

Phase 5 – Technical and Miscellaneous Permit Compliance Support and Reporting

Under this phase, Geosyntec provided SWDD with technical support and miscellaneous permit compliance support services related to the Class I Landfill and C&D Debris Disposal Facility including, among other things:

- quarterly monitoring and reporting of the LFG monitoring wells located at the perimeter of the site and also in enclosed structures;
- provide assistance for the leachate evaporator permit;
- installation and abandonment of two irrigation wells; and
- miscellaneous permit and compliance support services.

Phase 6 – Storage Tank Groundwater Monitoring Well Installation, Sampling, and Reporting

Under this phase, Geosyntec completed groundwater sampling and reporting associated with Permit Modification No. 0128769-033-SO-MM and Approval of Request for Alternate Procedure – SWAP 22-1 (Order) that allowed SWDD to use the existing 500,000-gallon tank as a leachate storage tank. This effort included the installation of four groundwater monitoring wells and completion of five groundwater sampling events (three initial events and two quarterly events) as well as the associated reporting outlined in the Order.

Amendment No 1

Under this amendment, Geosyntec installed one irrigation well to 60 feet below land surface (ft bls) and abandoned two irrigation (depth of 80 ft bls). Based on conversations with SWDD in August 2024, only one irrigation well (depth of 80 ft bls) was abandoned.

BUDGET

The approved budget for Work Order No. CCNA-2018-Work Order No. 19 was \$270,152.97 and the approved budget for Amendment No. 1 was \$15,992.83 which totaled a budget of \$286,145.80. The total invoiced amount, including the final invoice, is \$279,346.87. Therefore, Geosyntec completed this project under the approved budget (since only one irrigation well was abandoned under Amendment No. 1).

CLOSURE

Geosyntec appreciates the opportunity to provide services to Indian River County. If you have any question regarding this correspondence, please feel free to contact the undersigned at (561) 922-1087.

Sincerely



Cristina Graver, P.E.
Senior Engineer

Enclosure: Invoice No. 586225

10 October 2024

Mr. Himanshu H. Mehta, P.E.
Managing Director
Solid Waste Disposal District
Indian River County
1325 74th Avenue Southwest
Vero Beach, Florida 32968

**Subject: Project Management Report and Transmittal of Invoice No. 586225
IRC – 2023 Permit Compliance Monitoring and Reporting
Indian River County Landfill Facility**

Dear Mr. Mehta:

Geosyntec Consultants (Geosyntec) prepared this project management report to address the professional services for the 2023 Permit Compliance Monitoring and Reporting project at the Indian River County (IRC) landfill facility. This report presents: (i) a budget overview for this project; (ii) a summary of activities completed to date; (iii) a discussion of the work reflected on the enclosed invoice; (iv) a discussion of ongoing work; and (v) recommended actions for the site. The enclosed invoice reflects work that was performed through 30 September 2024. Table 1 provides invoicing detail for the project.

PROJECT MANAGEMENT SUMMARIES

Geosyntec's Project No. FL3738D: 2023 Permit Compliance Monitoring and Reporting – Indian River County Landfill Facility (IRC Work Authorization No. CCNA-2018 Work Order No. 19) and Amendment No. 1

Budget Overview

Invoice No. 586225 (enclosed) dated 04 October 2024 for \$8,281.98 is the 11th invoice for Project No. FL3738D. Listed below is a summary of the budget, including invoiced amount and remaining budget.

Approved Budget:	\$286,145.80
Invoiced Amount:	\$279,346.87
Remaining Budget	\$ 6,798.93

Geosyntec is within the budget appropriated for this project.

WORK COMPLETED TO DATE

The tasks performed under this invoice include the abandonment of one irrigation well.

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Mr. Himanshu H. Mehta, P.E.
10 October 2024
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WORK REFLECTED ON ENCLOSED INVOICE

Labor reflected on the enclosed invoice is mainly attributed to the following:

- Labor indicated as professional services (\$8,281.98) is associated with the items listed above, including project management.
- Other expenses are associated with communications fee and are built into the lump sum amount above.

ONGOING WORK

This is the last invoice for the project as Geosyntec understands the second irrigation well is not going to be abandoned.

RECOMMENDED ACTIONS

None

CLOSURE

Geosyntec appreciates the opportunity to provide services to Indian River County. If you have any questions regarding this correspondence, please feel free to contact me at 561.922.1087.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Cristina Graver'.

Cristina Graver, P.E.
Senior Engineer

Enclosure – Invoice No. 586225

Table 1

**Summary of Invoices Submitted for Geosyntec's Project Number FL3738D
IRC – 2023 Permit Compliance Monitoring and Reporting**

Geosyntec Project Number/IRC Work Authorization Number	Invoice No.	Invoice Date	Amount
FL3738D/CCNA2018- WORK ORDER No. 19	502699	03/18/2023	\$65,457.00
	508982	04/14/2023	\$31,621.48
	512528	5/16/2023	\$14,895.79
	515626	6/14/2023	\$15,276.37
	519089	7/13/2023	\$17,013.16
	524327	8/30/2023	\$29,931.55
	528048	10/13/2023	\$14,943.39
	535039	11/19/2023	\$34,410.33
	548587	3/24/2024	\$20,652.59
	559485	4/30/2024	\$26,863.23
	586225	10/4/2024	\$8,281.98
	TOTAL		\$279,346.87



Geosyntec Consultants, Inc.
900 Broken Sound Parkway NW, Suite 200
Boca Raton, Florida 33487-2775 USA
Tel (561) 995-0900 Fax (561) 995-0925

INDIAN RIVER COUNTY
1325 74TH AVENUE, S.W.
VERO BEACH, FL 32968

Invoice # : 586225
Project : FL3738D

Invoice Date : 10/4/2024

Attention: HIMANSHU MEHTA

For Professional Services Rendered through transaction date: 9/30/2024

Project Name : IRC 2023 GROUNDWATER COMPLIANCE

IF YOU HAVE QUESTIONS ABOUT THIS INVOICE, PLEASE CONTACT CRISTINA GRAVER AT 561-922-1087.

	Phase Fee	% Complete	Previously Billed	Amount Due This Invoice	Total Invoiced To Date
01) PROJECT MANAGEMENT	29,660.08	100.00	28,177.08	1,483.00	29,660.08
	Phase Fee	% Complete	Previously Billed		Total Invoiced To Date
02) SEMIANNUAL ASSESSMENT AND REPOR	50,169.87	100.00	50,169.87		50,169.87
	Phase Fee	% Complete	Previously Billed		Total Invoiced To Date
03) QUARTERLY ASSESSMENT AND REPORT	72,429.18	100.00	72,429.18		72,429.18
	Phase Fee	% Complete	Previously Billed		Total Invoiced To Date
04) TITLE V PERMIT	23,027.64	100.00	23,027.64		23,027.64
	Phase Fee	% Complete	Previously Billed	Amount Due This Invoice	Total Invoiced To Date
05) MISCELLANEOUS TECHNICAL SUPPORT	45,326.51	85.00	31,728.56	6,798.98	38,527.53
	Phase Fee	% Complete	Previously Billed		Total Invoiced To Date
06) STORAGE TANK MONITORING AND REP	65,532.52	100.00	65,532.52		65,532.52

Total Contract Fee	\$286,145.80
Total % Complete To Date	97.62 %
Total Fee Earned To Date	\$279,346.87
Less Previous Billings	\$271,064.89
Total This Invoice	\$8,281.98
Amount Due this Invoice	\$8,281.98

Statement

Prior Billings	\$271,064.84	Project Budget	\$286,145.80
Current Invoice	\$8,281.98	Billed to Date	\$279,346.87
Billed To Date (Includes Retainage)	\$279,346.87	Contract Balance	\$6,798.93
Paid To Date	\$271,064.89	**Amount Due This Invoice**	\$8,281.98

When making payment via bank, please include our invoice number in ACH information; Please email invoice payment remittance/details to CorporateAR@Geosyntec.com.

Bank Details: Citibank N.A.
Coconut Creek Branch 0529
 4807 Coconut Creek Pkwy
 Coconut Creek, FL 33063

Account #: 2195223812
ABA/Routing: 067004764 (ACH)
Swift: CITI US 33

When making payment via check, please remit payment to: **Mail Code 11160**
P.O. Box 70280
Philadelphia, PA 19176-0280