

20 April 2023

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. 509405
IRC – Segment 3, Cell 1 Top of Waste Grades Evaluation
IRC Work Authorization No. CCNA-2018-Work Order No. 17
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. FL9319 - Segment 3, Cell 1 Top of Waste Grades Evaluation for the Indian River County Landfill Facility. This project was completed under Work Order No. CCNA-2018-Work Order No. 17 authorized on November 01, 2022, pursuant to that certain Continuing Contract Agreement for Professional Services, dated April 17, 2018, renewed and amended as of this May 18, 2021 (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. 509405, dated 18 April 2023.

SCOPE OF WORK

The scope of work authorized under Work Order No. CCNA-2018-Work Order No. 17 was divided into four phases: (i) project management and meetings; (ii) files review and data evaluation; (iii) site inspection visit; and (iv) engineering drawings. The following is a phase-by-phase summary of the work that Geosyntec performed under this Work Order.

Phase 1 – Project Management and Meetings

Under this phase, Geosyntec performed project planning and management responsibilities, such as meetings and correspondences with SWDD and Republic Services; invoice review and preparation; project coordination; and project administration.

Phase 2 – Files Review and Data Evaluation

Under this phase, Geosyntec reviewed electronic drawings (i.e., aerial surveys, permitted waste grading plans), and relevant files to evaluate remaining airspace volume at Cell 1.

Phase 3 – Site Inspection Visit

Under this phase, Geosyntec personnel conducted a Site inspection at Cell 1. Photographic records, field notes and spot elevations at select locations were recorded with a GPS to corroborate information collected during the data evaluation phase. The survey and as-built drawings revealed that portions of Segment 2 were closed at approximately seven (7) to ten (10) feet (on average) below the permitted top of waste grades.

Phase 4 – Engineering Drawings

Under this phase, Geosyntec prepared engineering drawings to aid waste filling operations at Cell 1. These included revising the permitted (design) top of waste grades for Segment 2 to facilitate tie-in to those of Segment 3 Cell 1. The CADD files were transmitted to SWDD and Republic Services for their use.

BUDGET

The approved budget for Work Order No. CCNA-2018-Work Order No. 17 was \$26,025.00. The total invoiced amount, including the final invoice is \$26,025.00. Therefore, Geosyntec completed this project within the approved budget.

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 (904) 450-4259.

Mr. Himanshu H. Mehta, P.E.
20 April 2023
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Sincerely



Kwasi Badu-Tweneboah, Ph.D., P.E.
Senior Principal Engineer

Enclosure: Invoice No. 509405

20 April 2023

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. 509405
Segment 3, Cell 1 Top of Waste Grades Evaluation
Indian River County Landfill Facility
Vero Beach, Indian River County, Florida**

Dear Mr. Mehta:

Geosyntec Consultants, Inc. (Geosyntec) prepared this project management report to address the professional services for the Segment 3, Cell 1 Top of Waste Grades Evaluation 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 26 March 2023. **Table 1** provides invoicing detail for the project.

PROJECT MANAGEMENT SUMMARY

Geosyntec's Project No. FL9319: Segment 3, Cell 1 Top of Waste Grades Evaluation (IRC Work Order No. 17)

Budget Overview

Invoice No. 509405 (enclosed) dated 18 April 2023 for \$579.17 is the 3rd and final invoice for Project No. FL9319. Listed below is a summary of the budget, including invoiced amount and remaining budget.

Approved Budget:	\$26,025.00
Invoiced Amount:	\$26,025.00
Remaining Budget	\$0.00

Geosyntec is within the budget appropriated for this project.

Mr. Himanshu H. Mehta, P.E.
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WORK COMPLETED TO DATE

The tasks performed under this invoice include preparation of revised top of waste drawings for Segment 2 to Segment 3 Cell 1 tie-ins, transmittal of CADD files to SWDD and Republic Services, and project administration, including project management.

WORK REFLECTED ON ENCLOSED INVOICE

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

- Labor (\$579.17) indicated as professional services is associated with the items listed above.
- Other expenses are associated with communications fee are built into the lump sum amount above.

ONGOING WORK

Geosyntec revised the top of waste grades using actual as-built drawings for Segment 2 closure and provided the drawings and CADD files to SWDD and Republic Services.

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 904.450-4259

Sincerely,



Kwasi Badu-Tweneboah, Ph.D., P.E.
Senior Principal Engineer

Enclosure – Invoice No. 509405

Table 1

**Summary of Invoices Submitted for Geosyntec's Project Number FL9319
IRCL - Segment 3, Cell 1 Top of Waste Grades Evaluation of Class I Landfill**

Geosyntec Project Number/IRC Work Authorization Number	Invoice No.	Invoice Date	Amount
FL9319/ WORK ORDER No. 17	499010	01/18/2023	\$25,139.83
	502753	02/21/2023	\$306.00
	509405	04/18/2023	\$579.17
	TOTAL		\$26,025.00



PLEASE REMIT PAYMENT TO:
Geosyntec Consultants
 900 Broken Sound Parkway NW, Suite 200
 Boca Raton, Florida 33487-2775 USA
 Tel (561) 995-0900 Fax (561) 995-0925

**INDIAN RIVER COUNTY SWDD
 1325 74TH AVENUE SW
 VERO BEACH, FL 32968**

**Invoice # : 509405
 Project : FL9319**

Invoice Date : 4/18/2023

Attention: HIMANSHU MEHTA, P.E.

For Professional Services Rendered through transaction date: 3/26/2023

Project Name : IRC SEGMENT 3 CELL 1 TOP OF WASTE G

IF YOU HAVE QUESTIONS ABOUT THIS INVOICE, PLEASE CONTACT JOSE LIZARRAGA AT 904-450-4282
 WORK ORDER NO. 17

	Phase Fee	% Complete	Previously Billed	Amount Due This Invoice	Total Invoiced To Date
01) PROJ MGMT AND MEETINGS	3,341.04	100.00	3,173.99	167.05	3,341.04
	Phase Fee	% Complete	Previously Billed	Total Invoiced To Date	
02) FILES REVIEW AND DATA EVALUATIO	3,490.88	100.00	3,490.88		3,490.88
	Phase Fee	% Complete	Previously Billed	Total Invoiced To Date	
03) SITE INSPECTION AND VISIT	4,830.80	100.00	4,830.80		4,830.80
	Phase Fee	% Complete	Previously Billed	Amount Due This Invoice	Total Invoiced To Date
04) DRAWINGS	14,362.28	100.00	13,950.17	412.11	14,362.28

Total Contract Fee	\$26,025.00
Total % Complete To Date	100.00 %
Total Fee Earned To Date	\$26,025.00
Less Previous Billings	\$25,445.83
Total This Invoice	\$579.17
Amount Due this Invoice	\$579.17

Statement

Prior Billings	\$25,445.83	Project Budget	\$26,025.00
Current Invoice	\$579.17	Billed to Date	\$26,025.00
Billed To Date (Includes Retainage)	\$26,025.00	Contract Balance	\$0.00
Paid To Date	\$25,445.83	**Amount Due This Invoice**	\$579.17