

20 March 2020

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

Subject: Project Completion Report
One Year of Groundwater Monitoring/Reporting and Related Consulting Services
IRC CCNA-2018-Work Order No. 5
Former South Gifford Road Landfill, Vero Beach, Florida

Dear Mr. Mehta:

Geosyntec Consultants (Geosyntec) is pleased to present to you this project completion report for Geosyntec Project No. FR0766Q – One Year of Groundwater Monitoring/Reporting and Related Consulting Services for the Former South Gifford Road Landfill site. This project was completed under CCNA-2018-Work Order No. 5, authorized on 7 May 2019, pursuant to the Continuing Contract Agreement for Continuing Engineering Services between Indian River County (IRC), Solid Waste Disposal District (SWDD) and Geosyntec, dated 17 April 2018. This report has been prepared as a supplement to our final Invoice No. 396086 dated 17 March 2020, which is attached.

SCOPE OF WORK

The scope of work authorized under Work Order No. 5 addressed the FDEP-required semi-annual groundwater monitoring and reporting for one year (two sampling and reporting events) and related consulting services. The project was executed under the following phases: (i) Project Management; (ii) Meetings/Regulatory Interaction; (iii) Annual Pollution Remediation Liabilities Evaluation; (iv) Semi-Annual Sampling Activities; and (v) Data Evaluation and Semi-Annual Reporting. Below is a summary of the work by phase that Geosyntec performed under this work authorization.

Phase 1 – Project Management

Under this phase, Geosyntec performed project planning and management responsibilities, such as correspondence with IRC SWDD and FDEP, invoice review and completion, project coordination, and project administration.

Phase 2 – Meetings/Regulatory Interaction

Under this phase, Geosyntec provided ongoing support to IRC SWDD related to interaction and negotiation with FDEP. Geosyntec also corresponded with FDEP's Southeast District Office during the transition of the project to a new site manager within the district office.

Phase 3 – Annual Pollution Remediation Liabilities Evaluation

Under this phase, Geosyntec prepared 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. The report included the evaluation of two sites, Former South Gifford Road Closed Landfill (4701 41st Street) and Old Administration Building (1840 25th Street) and was submitted to IRC on 30 October 2019.

Phase 4 – Semi-Annual Sampling Activities

Under this phase, Geosyntec conducted field preparation and groundwater sampling activities for two semi-annual groundwater monitoring events in June and December 2019. Throughout the two sampling events, a total of 57 groundwater samples were collected under this work authorization.

Phase 5 – Data Evaluation/Reporting

Under this phase, Geosyntec prepared the semi-annual reports for the June and December 2019 events. As part of the report preparation, Geosyntec completed database management, data evaluation, trend evaluation, table preparation, and GIS figure preparation. Each report was submitted to IRC SWDD for review and comment prior to submittal to FDEP. The 2019 Annual Groundwater Monitoring Report was approved by FDEP on 6 February 2020.

BUDGET

The approved budget for Work Order No. 5 was \$79,033. The total invoiced amount, including the final invoice, is \$76,814.87. Therefore, Geosyntec completed this project within the approved budget.

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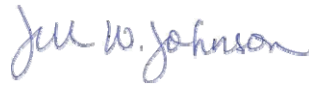
CLOSURE

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 850.483.5102 or 850.483.5100.

Sincerely,



Crystal Towns, P.G.
Geologist



Jill W. Johnson, P.G.
Principal Geologist

20 March 2020

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

Subject: Project Management Report and Transmittal of Invoice
South Gifford Road Landfill

Dear Mr. Mehta:

Geosyntec Consultants (Geosyntec) prepared this project management report to address the Plume Groundwater Monitoring project being conducted by Geosyntec on behalf of Indian River County (IRC) Solid Waste Disposal District (SWDD) at the South Gifford Road Landfill site. 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; and (iv) recommended actions for the site. The enclosed invoice reflects labor and expenses through 15 March 2020 for work being performed at the South Gifford Road Landfill. Table 1 provides invoicing details for the project.

Work Order No. 5 was approved by IRC on 7 May 2019 and the budget for the project was developed using labor rates that were approved by IRC for use in 2018.

PROJECT MANAGEMENT SUMMARY

Geosyntec's Project No. FR0766Q: One Year of Groundwater Monitoring/Reporting and Related Consulting Services (IRC Work Order No. 5)

Budget Overview

Invoice No. 396086 dated 17 March 2020 for \$8,473.04, Project No. FR0766Q is enclosed. Listed below is a summary of the budget, including invoiced amount, and remaining budget. Geosyntec is within the budget appropriated for this project.

Approved Budget:	\$ 79,033.00
Invoiced Amount to-date:	\$ <u>76,814.87</u>
Remaining Budget:	\$ \$2,218.13

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Work Completed to Date

The summer 2019 semi-annual groundwater monitoring event was completed from 4 to 6 June 2019. The semi-annual groundwater monitoring report was submitted to FDEP on 31 July 2019. Investigative derived waste (IDW) generated during Summer 2019 monitoring activities was transported off-site by Perma-Fix Environmental Services on 16 July 2019. The annual IRC Pollution Remediation Liabilities Evaluation was submitted to IRC on 30 October 2019. The Winter 2019 semi-annual groundwater sampling event was completed the week of 9 December 2019. The 2019 Annual Groundwater Monitoring Report was submitted to FDEP on 31 January 2020 and approved by FDEP in a letter dated 6 February 2020.

Work Reflected on Enclosed Invoice

Labor indicated as professional services (\$8,226.25) is attributed to project management and administration, data management and database maintenance, GIS file maintenance, and submittal of the semi-annual report. The remainder of the invoice is associated with a communications fee per the contract.

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 (850) 483-5102.

Sincerely,



Crystal Towns, P.G.
Project Geologist

Enclosure

Table 1
Summary of Invoices Submitted for Geosyntec's Project Number FR0766Q
South Gifford Road Landfill

Geosyntec Project Number/IRC Work Authorization Number	Invoice No.	Invoice Date	Amount
FR0766Q (IRC Work Order No. 5)	122372143	05/24/2019	\$3,166.13
	273373823	06/19/2019	\$4,607.73
	273376698	07/24/2019	\$13,537.74
	377976	08/15/2019	\$5,501.49
	380412	09/12/2019	\$1,852.50
	385733	11/16/2019	\$4,429.00
	388629	12/17/2019	\$1,934.07
	390907	01/17/2020	\$18,773.63
	393653	02/18/2020	\$14,539.54
	396086	03/17/2020	\$8,473.04
	TOTAL		\$76,814.87



PLEASE REMIT PAYMENT TO:
Geosyntec Consultants, Inc.

900 Broken Sound Parkway NW, Suite 200
Boca Raton, Florida 33487-3575 USA
Tel (561) 995-0900 Fax (561) 995-0925

INDIAN RIVER COUNTY SWDD
1325 74TH AVENUE SW
VERO BEACH, FL 32968
Attention: HIMANSHU MEHTA, P.E.

Invoice #: 396086
Invoice Date: 3/17/2020
Project: FR0766Q
Project Name: 2019 GIFFORD GWM

For Professional Services Rendered through transaction date: 3/15/2020

If you have questions about this invoice, please contact Crystal Towns at 850.483.5102

Professional Services	\$8,226.25
3.0% Communication Fee	\$246.79
Current Invoice	----- \$8,473.04
**Amount Due This Invoice **	\$8,473.04

Statement

Prior Billings	\$68,341.83	Project Budget	\$79,033.00
Current Invoice	\$8,473.04	Expended to Date	\$76,814.87
Billed To Date	\$76,814.87	Contract Balance	\$2,218.13
Paid To Date	\$53,802.29	**Amount Due This Invoice **	\$8,473.04

Phase : 01) PROJECT MANAGEMENT

<u>Class / Employee Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
PROJECT ADMINISTRATOR			
HERNANDEZ, STEPHANIE	1.25	65.00	81.25
SENIOR STAFF PROFESSIONAL			
GALVIN, ANDREW	4.00	140.00	560.00
PROJECT PROFESSIONAL			
TOWNS, CRYSTAL	1.00	185.00	185.00
Total Phase : 01) PROJECT MANAGEMENT		Phase Labor	826.25
		3.0% Communication Fee	24.79

Phase : 02) MTGS/REGULATORY

<u>Class / Employee Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
PROJECT PROFESSIONAL			
TOWNS, CRYSTAL	20.00	185.00	3,700.00
Total Phase : 02) MTGS/REGULATORY		Phase Labor	3,700.00
		3.0% Communication Fee	111.00

Phase : 05) DATA EVAL / REPORTING

<u>Class / Employee Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
PROJECT PROFESSIONAL			
TOWNS, CRYSTAL	20.00	185.00	3,700.00
Total Phase : 05) DATA EVAL / REPORTING		Phase Labor	3,700.00
		3.0% Communication Fee	111.00

	Total Project Labor	8,226.25
	3.0% Communication Fee	246.79

Total Project: FR0766Q -- 2019 GIFFORD GWM	8,473.04
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