

20 April 2021

Mr. Himanshu Mehta, P.E.  
Managing Director  
Indian River County Solid Waste Disposal District  
1325 74<sup>th</sup> 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. 7  
South Gifford Road Landfill

Dear Mr. Mehta:

Geosyntec Consultants (Geosyntec) is pleased to present to you this project completion report for Geosyntec Project No. FR0766R – 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. 7, authorized on 21 April 2020, 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. 432540 dated 16 April 2021, which is attached.

## **SCOPE OF WORK**

The scope of work authorized under Work Order No. 7 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 (tasks): (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.

### **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 three sites, Former South Gifford Road Closed Landfill (4701 41<sup>st</sup> Street), Old Administration Building (1840 25<sup>th</sup> Street), and Former Premier Citrus Property (375 82<sup>nd</sup> Avenue) and was submitted to IRC on 29 October 2020.

### **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 2020 and a confirmation sampling event conducted in March 2021. Throughout these three sampling events, a total of 58 groundwater samples were collected under this work authorization. Additionally, Geosyntec provided oversight for a contractor to clear overgrown vegetation around well clusters in December 2020.

### **Phase 5 – Data Evaluation/Reporting**

Under this phase, Geosyntec prepared the semi-annual reports for the June and December 2020 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 2020 Annual Groundwater Monitoring Report was approved by FDEP on 7 April 2021 and included approval to discontinue monitoring at five monitoring well locations and to discontinue analysis of dissolved gases, total organic carbon, and microbial populations (Dhc and *vcrA*) at eight additional monitoring well locations.

## **BUDGET**

The approved budget for Work Order No. 7 was \$86,751. The total invoiced amount, including the final invoice, is \$86,749.62. Therefore, Geosyntec completed this project within the approved budget.

Mr. Himanshu Mehta  
20 April 2021  
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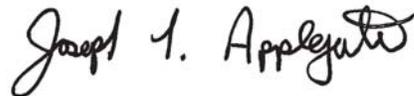
**CLOSURE**

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.

Sincerely,



Crystal Towns, P.G.  
Geologist



Joseph Applegate, P.G.  
Senior Principal Geologist

**Table 1**  
**Summary of Invoices Submitted for Geosyntec’s Project Number FR0766R**  
**South Gifford Road Landfill**

<b>Geosyntec Project Number/IRC Work Authorization Number</b>	<b>Invoice No.</b>	<b>Invoice Date</b>	<b>Amount</b>
FR0766R (IRC Work Order No. 7)	402342	05/20/2020	\$2,800.31
	404622	06/15/2020	\$3,038.44
	408149	07/24/2020	\$14,743.19
	410352	08/17/2020	\$5,137.15
	412956	09/16/2020	\$2,784.86
	414907	10/09/2020	\$2,781.00
	417938	11/11/2020	\$2,701.18
	421789	12/20/2020	\$2,706.33
	424512	01/22/2021	\$21,081.63
	427318	02/23/2021	\$8,302.55
	429539	03/17/2021	\$14,665.91
	432540	04/16/2021	\$6,007.07
	<b>TOTAL</b>		<b>\$86,749.62</b>

20 April 2021

Mr. Himanshu Mehta, P.E.  
Managing Director  
Indian River County Solid Waste Disposal District  
1325 74<sup>th</sup> 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 28 March 2021 for work being performed at the South Gifford Road Landfill. Table 1 provides invoicing details for the project.

Work Order No. 7 was approved by IRC on 21 April 2020 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. FR0766R: One Year of Groundwater Monitoring/Reporting and Related Consulting Services (IRC Work Order No. 7)**

#### ***Budget Overview***

Invoice No. 432540 dated 16 April 2021 for \$6,007.07, Project No. FR0766R 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:	\$ 86,751.00
Invoiced Amount to-date:	\$ <u>86,749.62</u>
Remaining Budget:	\$ 1.38

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### ***Work Completed to Date***

The Summer 2020 semi-annual groundwater monitoring event was completed from 2 to 3 June 2020. The semi-annual groundwater monitoring report was submitted to FDEP on 31 July 2020. The annual IRC Pollution Remediation Liabilities Evaluation was submitted to IRC on 29 October 2020. Brush clearing around the well clusters and the Winter 2020 semi-annual groundwater sampling event was completed the weeks of 30 November 2020 and 14 December 2020, respectively. Upon review of the December 2020 groundwater monitoring data, laboratory results from two monitoring wells were inconsistent with historical results at these locations. A confirmation sampling event was conducted in March 2021, and confirmation data was included in the annual report. The 2020 Annual Groundwater Monitoring Report was submitted to FDEP on 31 March 2021 and included recommendations to discontinue monitoring at five monitoring well locations and to discontinue analysis of dissolved gases, total organic carbon, and microbial populations (Dhc and vcrA) at eight additional monitoring well locations. The annual report and all recommendations were approved by FDEP in a letter dated 7 April 2021.

### ***Work Reflected on Enclosed Invoice***

Labor and expenses reflected on the enclosed invoice are attributed to:

- Labor indicated as professional services (\$5,415.00) is attributed to project management and administration, confirmation groundwater sampling activities conducted in March 2021, associated data management, and preparation and submittal of the annual report.
- Reimbursable expenses (\$429.62) are associated with the March 2021 confirmation groundwater sampling activities and include costs for laboratory analysis, field vehicle usage, field sampling equipment and related courier services, and per diem for field staff.

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

FR0766R/PR21020

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	432540	04/16/2021	\$6,007.07
	<b>TOTAL</b>		<b>\$86,749.62</b>



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 #: 432540  
Invoice Date: 4/16/2021  
Project: FR0766R  
Project Name: 2020 GIFFORD GWM

For Professional Services Rendered through transaction date: 3/28/2021

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

WORK ORDER 7 DATED 21 APRIL 2020

Professional Services	\$5,415.00
3.0% Communication Fee	\$162.45
Reimbursable Expenses	\$429.62
Current Invoice	----- \$6,007.07

**\*\*Amount Due This Invoice \*\*** **\$6,007.07**

**Statement**

Prior Billings	\$80,742.55	Project Budget	\$86,751.00
Current Invoice	\$6,007.07	Expended to Date	\$86,749.62
Billed To Date	\$86,749.62	Contract Balance	\$1.38
Paid To Date	\$66,076.64	<b>**Amount Due This Invoice **</b>	<b>\$6,007.07</b>

Phase : 01) PROJECT MANAGEMENT

<u>Class / Employee Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
<b>PROJECT ADMINISTRATOR</b>			
PHILLIPS, NICOLE	0.50	65.00	32.50
<b>STAFF PROFESSIONAL</b>			
WILSON, TED	1.00	120.00	120.00
<b>PROFESSIONAL</b>			
TOWNS, CRYSTAL	1.00	160.00	160.00
<b>Total Phase : 01) PROJECT MANAGEMENT</b>		<b>Phase Labor</b>	<b>312.50</b>
		<b>3.0% Communication Fee</b>	<b>9.38</b>

Phase : 04) SAMPLING

<u>Class / Employee Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>			
<b>CLERICAL ASSISTANT</b>						
HOCKETT, KIM	0.25	50.00	12.50			
<b>STAFF PROFESSIONAL</b>						
WILSON, TED	0.75	120.00	90.00			
JOSLYN, RYAN	11.00	120.00	1,320.00			
<u>Vendor Name</u>	<u>Doc Nbr</u>	<u>Date</u>	<u>Cost</u>	<u>Multiplier</u>	<u>Amount</u>	
<b>Subcontractors-Billable</b>						
TESTAMERICA LABORATORIES, INC.	4000033292	03/16/2021	115.00	1.07	123.05	1
<b>Postage/Courier-Billable</b>						
FEDERAL EXPRESS	730004532	03/03/2021	38.25	1.00	38.25	2
<b>Vehicle Operating-Billable</b>						
JOSLYN, RYAN	0044752962	03/03/2021	32.51	1.00	32.51	3
<b>Equip. Rental &amp; Maint-Billable</b>						
U.S. ENVIRONMENTAL RENTAL CORP.	86877	03/09/2021	180.81	1.00	180.81	4
<b>Per Diem-Billable</b>						
JOSLYN, RYAN	0044752962	03/02/2021	55.00	1.00	55.00	
<b>Total Phase : 04) SAMPLING</b>			<b>Phase Labor</b>		<b>1,422.50</b>	
			<b>3.0% Communication Fee</b>		<b>42.68</b>	
			<b>Phase Expense</b>		<b>429.62</b>	

Phase : 05) DATA EVAL / REPORTING

<u>Class / Employee Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
<b>PROFESSIONAL</b>				
TOWNS, CRYSTAL	18.50	160.00	2,960.00	
<b>SENIOR PRINCIPAL</b>				
APPLEGATE, JOE	3.00	240.00	720.00	
<b>Total Phase : 05) DATA EVAL / REPORTING</b>			<b>Phase Labor</b>	<b>3,680.00</b>
			<b>3.0% Communication Fee</b>	<b>110.40</b>

**Total Project Labor 5,415.00**  
**3.0% Communication Fee 162.45**

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Total Project Expense 429.62

Total Project: FR0766R -- 2020 GIFFORD GWM

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6,007.07

<b>Invoice/ edit No.</b>	4000033292	<b>Invoice Date</b>	March 16, 2021
<b>Terms</b>	Net 120 days	<b>Federal Tax ID</b>	23-2919996
<b>Remit to</b>	TestAmerica Laboratories, Inc. PO BOX 3891 Carol Stream, IL 01 32-3891		
<b>Wire</b>	Citibank ABA: 031 00209 Acct# 3142981 SWIFT Code: CITIUS33		
<b>ACH</b>	Citibank ABA: 031 00209 Acct# 3142981 SWIFT Code: CITIUS33		

<b>Bill to:</b>
Geosyntec Consultants Inc Attn: Accounts Payable 316 S Baylen St Suite 201 Pensacola, FL 32502

<b>Ship to:</b>
Geosyntec Consultants, Inc. 20 N. 12th Avenue Pensacola, FL 32501

<b>P.O. Number</b>	<b>W.O. Number</b>	<b>Contract Number</b>	<b>Work Order by</b>
FR0766Q	00004427		Crystal T wns
<b>Job Description</b>	<b>Site Name</b>	<b>SDG Number</b>	<b>Invoice Contact</b>
See below			Crystal T wns

Job No.	Job Description	Receipt Date	Quantity	Unit Price	Amount
	Method/Test Description				
J200186-1	Gifford Landfill-Ve o Beach, Fl	03/04/2021			
	8260B - Volatile Organic Compounds Safe and Environmentally Responsible Waste Management (per sample)		2.00 2.00	55.00 2.50	0.00 5.00

<b>Project Number</b>	<b>Client Number</b>	<b>Project Manager</b>	<b>Subtotal (USD)</b>	<b>\$115.00</b>
40005606	4191 4	Mark Swafford		
<b>Latest Sample Receipt Date</b>	<b>Latest Report Date</b>	<b>Phone Number</b>	<b>Total (USD)</b>	<b>\$115.00</b>
03/04/2021	03/16/2021	(850) 471-6207		

For proper credit, please include invoice number on all remittance.

Eurofins TestAmerica, Pensacola - 3355 McLemore Drive, Pensacola, FL 32514

This invoice falls under Eurofins TestAmerica Standard T&C's of Net 30 Days unless superseded by another valid contract vehicle in place at the time these services were rendered.





<b>Invoice Number</b> 7-300-04532	<b>Invoice Date</b> Mar 09, 2021	<b>Account Number</b>	Page 2 of 2
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## FedEx Express Shipment Summary By Reference

### FedEx Express Shipments (Original)

Reference	Shipments	Rated Weight lbs	Transportation Charges	Special Handling Charges	Ret Chg/Tax Credits/Other	Discounts	Total Charges
FR0766R	1	43.0	105.66	2.33		-69.74	38.25
<b>Total FedEx Express</b>	<b>1</b>	<b>43.0</b>	<b>\$105.66</b>	<b>\$2.33</b>		<b>-\$69.74</b>	<b>\$38.25</b>

**TOTAL THIS INVOICE USD \$38.25**

## FedEx Express Shipment Detail By Reference (Original)

<b>Ship Date:</b> Mar 03, 2021	<b>Cust. Ref.:</b> FR0766R	<b>Ref.#2:</b> 04
<b>Payor:</b> Shipper	<b>Ref.#3:</b> ****	

The Earned Discount for this ship date has been calculated based on a revenue threshold of \$ 1193699.17  
 Fuel Surcharge - FedEx has applied a fuel surcharge of 6.50% to this shipment.  
 Distance Based Pricing, Zone 2

		<b>Sender</b>	<b>Recipient</b>	
Automation	INET	Kim Hockett	ERIC MORGAN	
Tracking ID	773056571600	Geosyntec Consultants	US ENVIRONMENTAL RENTAL	
Service Type	FedEx Priority Overnight	6770 S. Washington Ave. Suite	1202 TECH BLVD	
Package Type	Customer Packaging	TITUSVILLE FL 32780 US	TAMPA FL 33619 US	
Zone	02			
Packages	1			
Rated Weight	43.0 lbs, 19.5 kgs	Transportation Charge		105.66
Delivered	Mar 04, 2021 12:19	Discount		-59.17
Svc Area	A1	Earned Discount		-10.57
Signed by	V.LEWIS	Fuel Surcharge		2.33
FedEx Use	00000000/1486/_	<b>Total Charge</b>	<b>USD</b>	<b>\$38.25</b>
<b>FR0766R Reference Subtotal</b>			<b>USD</b>	<b>\$38.25</b>
<b>Total FedEx Express</b>			<b>USD</b>	<b>\$38.25</b>

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WELCOME  
Store 40367  
6058 SISSION RD.  
TITUSVILLE FL  
32780

DATE 3/3/21 8:01  
TRAN# 9036455  
PUMP# 03  
SERVICE LEVEL: SELF  
PRODUCT: UNLEADED  
GALLONS: 12.044  
PRICE/G: \$2.699  
FUEL SALE \$32.51  
CREDIT \$32.51

VISA  
\*\*\*\*\*2319  
Entry: Swiped  
Auth #: 045520  
Resp Code: 000  
Stan: 0077286766  
Invoice #: 154982  
Store # \*\*\*\*\*  
\*\*\*\*

THANK YOU  
HAVE A NICE DAY



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 Tampa, FL 33619  
 (813)628-4200

Loc FL1  
 INVOICE# 86877  
 Inv. Date 03/09/21  
**FINAL INVOICE**  


<b>Rented To:</b> Geosyntec Consultants 900 Broken Sound Parkway,N.W Suite 200 Boca Raton FL 33487		<b>Delivery Location:</b> Geosyntec Titusville 6770 South Washington Ave Suite 3 Titusville FL 32780 Ryan Joslyn /((321) 747-1940	
<b>Ordered By:</b> Ryan Joslyn	<b>Ship Date:</b> 02/26/21	<b>Start Date:</b> 03/02/21 Tue	VAL
<b>PO#:</b> FR0766R/04/123B	<b>Ship Method:</b> Fed Ex Ground	<b>Through:</b> 03/03/21 Wed	VAL
<b>Account #:</b> GEOCON119	<b>Bill To:</b>	<b>Project#:</b>	

Qty	Item	Description	Day	Week	4W	Discount	Total
1	3510-1022	Ysi 556 Serial #: 15D100992 Out Date: 03/02/21	130.00	329.00	938.00	30%	91.00
1	7150	Rental Accs - Ysi 556 Out Date: 03/02/21				30%	0.00
1	7151	Ra - Ysi 556 Flow Cell Out Date: 03/02/21					0.00
1	7152	Ra - Ysi 556/600 Storage Cup Out Date: 03/02/21					0.00
1	4000-1290	Geotech Geopump Model li Serial #: G6421U Out Date: 03/02/21	32.00	94.00	281.00	30%	22.40
1	7650	Rental Accs - Geopump Peri Out Date: 03/02/21				30%	0.00
1	7651	Ra - Geotech Dc Cable Assembly Out Date: 03/02/21					0.00
1	7652	Ra - Geotech Ac Cable Out Date: 03/02/21					0.00
1	7654	Ra - Geotech 12V Battery Out Date: 03/02/21					0.00
5	10151	Tubing Silicone S15 Geotech		2.28		-1.71	9.69
1	40005	Nitrile Pf Gloves X-Large		21.95			21.95
1	DEL	Shipping Charge Nontaxable		18.00			18.00

----- Payments -----

\*\*\* Total Reflects a \$50.31 Discount \*\*\*

Rentals	113.40
Sales	31.64
Delivery/Other	18.00
Damage Waiver	9.07
Sales Tax	8.70
<b>Total</b>	<b>180.81</b>
Amount Billed	180.81

PLEASE REMIT ALL PAYMENTS TO:  
 166 Riverview Ave, Waltham, MA, 02453