

24 April 2018

Mr. Himanshu Mehta, P.E.  
Managing Director  
Solid Waste Disposal District  
Indian River County  
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 Work Order No. 6  
South Gifford Road Landfill, Vero Beach, Florida**

Dear Mr. Mehta:

Geosyntec Consultants, Inc. (Geosyntec) is pleased to present to you this project completion report for Geosyntec Project No. FR0766N – One Year of Groundwater Monitoring and Reporting and related activities – for the South Gifford Road Landfill site. This project was completed under Work Order No. 6, authorized on 16 May 2017, pursuant to the Continuing Contract Agreement for Professional Services between Indian River County (IRC), Solid Waste Disposal District (SWDD) and Geosyntec, dated 15 November 2011. This report has been prepared as a supplement to our final Invoice Number 273345296, dated 24 April 2018, which is attached herein.

## **SCOPE OF WORK**

The scope of work authorized under Work Order No. 6 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) Field Activities; and (v) Reporting. Below is a phase by phase summary of the work that Geosyntec performed under this work authorization.

### **Phase 1 – Project Management**

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

### **Phase 2 – Meetings/Regulatory Interaction**

Under this phase, Geosyntec participated in conference calls with IRC SWDD.

### **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, South Gifford Road Closed Landfill (4701 41<sup>st</sup> Street) and Old Administration Building (1840 25<sup>th</sup> Street).

### **Phase 4 – Field Activities**

Under this phase, Geosyntec conducted field preparation and groundwater sampling activities for two semi-annual groundwater monitoring events in June and December 2017. Throughout the two sampling events, a total of 56 groundwater samples were collected under this work authorization.

### **Phase 5 – Reporting**

Under this phase, Geosyntec prepared the semi-annual reports for the June and December 2017 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.

## **BUDGET**

The approved budget for Work Order No. 6 was \$71,456. The total invoiced amount, including the final invoice, is \$71,453.71. Therefore, Geosyntec completed this project within the approved budget.

Mr. Himanshu Mehta  
24 April 2018  
Page 3

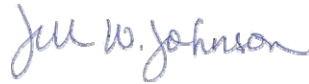
**CLOSURE**

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.  
Hydrogeologist



Jill W. Johnson, P.G.  
Senior Hydrogeologist

**Table 1**  
**Summary of Invoices Submitted for Geosyntec’s Project Number FR0766N**  
**South Gifford Road Landfill**

<b>Geosyntec Project Number/IRC Work Authorization Number</b>	<b>Invoice No.</b>	<b>Invoice Date</b>	<b>Amount</b>
FR0766N (IRC Work Order No. 6)	273328999	07/24/2017	\$10,155.46
	273330860	08/23/2017	\$3,279.74
	273331869	09/14/2017	\$11,905.75
	273333090	10/05/2017	\$1,412.28
	273335920	11/20/2017	\$5,389.90
	273337845	12/15/2017	\$2,207.12
	273339377	01/17/2018	\$17,668.79
	273341315	02/20/2018	\$6,709.94
	273343007	03/20/2018	\$4,462.48
	273345296	04/24/2018	\$8,262.25
	<b>TOTAL</b>		<b>\$71,453.71</b>



Cowork Annex  
13 Palafox Place, Suite 200  
Pensacola, Florida 32502  
PH 850.477.6547  
www.geosyntec.com

24 April 2018

Mr. Himanshu Mehta, P.E.  
Managing Director  
Solid Waste Disposal District  
Indian River County  
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 in March 2018 for work being performed at the South Gifford Road Landfill. Table 1 provides invoicing details for the project.

Work Order No. 6 was approved by IRC on 16 May 2017 and the budget for the project was developed using labor rates that were approved by IRC for use in 2017.

**PROJECT MANAGEMENT SUMMARY**

**Geosyntec's Project No. FR0766N: One Year of Groundwater Monitoring/Reporting and Related Consulting Services (IRC Work Order No. 6)**

***Budget Overview***

Invoice No. 273345296 dated 24 April 2018 for \$8,262.25, Project No. FR0766N 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:	\$ 71,456.00
Invoiced Amount to-date:	\$ <u>71,453.71</u>
Remaining Budget:	\$ 2.29

Mr. Himanshu Mehta  
24 April 2018  
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### ***Work Completed to Date***

The first 2017 semi-annual groundwater sampling event was completed in June 2017. The Summer 2017 Semi-Annual Groundwater Sampling Results and Remedial Action Plan Modification Addendum #3 (RAPM3) Implementation Report was submitted to FDEP on 31 August 2017. The annual IRC Pollution Remediation Liabilities Evaluation was submitted to IRC on 25 October 2017. The second 2017 semi-annual groundwater sampling event took place the week of 4 December 2017. Due to flooding and fallen debris, groundwater samples from several monitoring wells located on property owned by the City of Vero Beach were unable to be collected in December 2017. Remobilization efforts were planned in January 2018 and the additional groundwater sampling activities were conducted on 14 February 2018. The 2017 Annual Groundwater Monitoring Report was submitted to FDEP on 30 March 2018.

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

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

- Labor indicated as professional services (\$7,852.66) is attributed to project management and administration, data management, and preparation and submittal of the semi-annual report.
- Reimbursable expenses (\$174.01) are associated with software usage, production of the semi-annual report, and courier service.

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.  
Hydrogeologist

Enclosure

**Table 1**  
**Summary of Invoices Submitted for Geosyntec's Project Number FR0766N**  
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	273345296	04/24/2018	\$8,262.25
	<b>TOTAL</b>		<b>\$71,453.71</b>



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  
Attention: HIMANSHU MEHTA, P.E.

Invoice #: 273345296  
Invoice Date: 4/24/2018  
Project: FR0766N  
Project Name: 2017 GIFFORD LF

For Professional Services Rendered through transaction date: 3/31/2018

If you have questions about this invoice, please contact Crystal Towns at (850) 483-5102.

WORK ORDER NUMBER 6 DATED MAY 16, 2017

Professional Services	\$7,852.66
3.0% Communication Fee	\$235.58
Reimbursable Expenses	\$174.01
Current Invoice	<u>\$8,262.25</u>
<b>**Amount Due This Invoice **</b>	<b>\$8,262.25</b>

**Statement**

Prior Billings	\$63,191.46	Project Budget	\$71,456.00
Current Invoice	\$8,262.25	Expended to Date	\$71,453.71
Billed To Date	\$71,453.71	Contract Balance	\$2.29
Paid To Date	\$63,191.46	<b>**Amount Due This Invoice **</b>	<b>\$8,262.25</b>



Phase : 01) PM

<u>Class / Employee Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
<b>PROJECT ADMINISTRATOR</b>			
EDWARDS, CYNTHIA	1.25	94.00	117.50
<b>PROFESSIONAL</b>			
TOWNS, CRYSTAL	1.75	134.00	234.50
<b>SENIOR PROFESSIONAL</b>			
JOHNSON, JILL	1.00	188.00	188.00
<b>Total Phase : 01) PM</b>		<b>Phase Labor</b>	<b>540.00</b>
		<b>3.0% Communication Fee</b>	<b>16.20</b>

Phase : 04) FIELD ACTIVITIES

<u>Class / Employee Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
<b>PROFESSIONAL</b>			
TOWNS, CRYSTAL	0.50	134.00	67.00
<b>Total Phase : 04) FIELD ACTIVITIES</b>		<b>Phase Labor</b>	<b>67.00</b>
		<b>3.0% Communication Fee</b>	<b>2.01</b>

Phase : 05) REPORTING

<u>Class / Employee Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
<b>CLERICAL ASSISTANT</b>			
HASLAM, CAREY	6.25	57.00	356.25
ACOSTA, ANGELA	0.50	57.00	28.50
<b>PROFESSIONAL</b>			
HENSLEY, MELISSA	7.00	134.00	938.00
BARFUS, JAN	2.50	134.00	335.00
WALKER, DYLAN	2.75	134.00	368.50
TOWNS, CRYSTAL	1.50	134.00	201.00
<b>SENIOR PROFESSIONAL</b>			
JOHNSON, JILL	24.25	188.00	4,559.00
<b>SENIOR PRINCIPAL</b>			
LANGENBACH, JIM	2.00	226.00	452.00

<u>Vendor Name</u>	<u>Doc Nbr</u>	<u>Date</u>	<u>Cost</u>	<u>Multiplier</u>	<u>Amount</u>	
<b>Postage/Courier-Billable</b>						
DINER'S CLUB OFFICE CARD PENSACOLA	0024014856	3/30/2018	1	20.10	1.070	21.51
FEDERAL EXPRESS	A18011372	3/29/2018	2	21.78	1.070	23.30
<b>Total: Postage/Courier-Billable</b>						<b>44.81</b>

<b>Office Supplies-Billable</b>						
DINER'S CLUB OFFICE CARD PENSACOLA	0023806352	3/16/2018	3	8.60	1.070	9.20

<u>Vendor / Employee Name</u>	<u>Doc Nbr</u>	<u>Date</u>	<u>Units</u>	<u>Rate</u>	<u>Amount</u>
<b>GIS</b>					

Phase : 05) REPORTING

<u>Vendor / Employee Name</u>	<u>Doc Nbr</u>	<u>Date</u>	<u>Units</u>	<u>Rate</u>	<u>Amount</u>
WALKER, DYLAN	002833	3/7/2018	1.75	10.00	17.50
	002833	3/8/2018	0.75	10.00	7.50
			-----		-----
			2.50		25.00
<b>GIS COMPUTER TIME</b>					
HENSLEY, MELISSA	002437	3/8/2018	3.00	10.00	30.00
	002437	3/9/2018	2.75	10.00	27.50
	002437	3/19/2018	0.75	10.00	7.50
	002437	3/20/2018	0.25	10.00	2.50
	002437	3/26/2018	0.25	10.00	2.50
			-----		-----
			7.00		70.00
BARFUS, JAN	002757	3/14/2018	0.25	10.00	2.50
	002757	3/19/2018	1.75	10.00	17.50
	002757	3/21/2018	0.25	10.00	2.50
	002757	3/23/2018	0.25	10.00	2.50
			-----		-----
			2.50		25.00
Total: Billable Unit Pricing					120.00

Total Phase : 05) REPORTING

<b>Phase Labor</b>	<b>7,238.25</b>
<b>3.0% Communication Fee</b>	<b>217.15</b>
<b>Phase Expense</b>	<b>174.01</b>

Phase : 06)

<u>Class / Employee Name</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>				
<b>CLERICAL ASSISTANT</b>							
HASLAM, CAREY	0.13	57.00	7.41				
Total Phase : 06)			<table> <tr> <td><b>Phase Labor</b></td> <td><b>7.41</b></td> </tr> <tr> <td><b>3.0% Communication Fee</b></td> <td><b>0.22</b></td> </tr> </table>	<b>Phase Labor</b>	<b>7.41</b>	<b>3.0% Communication Fee</b>	<b>0.22</b>
<b>Phase Labor</b>	<b>7.41</b>						
<b>3.0% Communication Fee</b>	<b>0.22</b>						

<b>Total Project Labor</b>	<b>7,852.66</b>
<b>3.0% Communication Fee</b>	<b>235.58</b>
<b>Total Project Expense</b>	<b>174.01</b>

Total Project: FR0766N -- 2017 GIFFORD LF

**8,262.25**

Test your tracking number to 20777 (2USPS) to get the latest status. Standard Message and Data Rates may apply. You may also visit USPS.com USPS Tracking or call 1-800-222-1811.

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840-5320-0177-003-00022-84987-02

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or call 1-800-410-7420.

YOUR OPINION COUNTS

Bill #: 840-53200177-3-2284987-2  
Clerk: 06

EAST HILL  
3001 N DAVIS HWY  
PENSACOLA  
FL

32503-9998  
1174140003

03/30/2018 (800)275-8777 11:31 AM

Product Description	Sale Qty	Final Price
PM 3-Day Flat Rate Env (Domestic) (VERO BEACH, FL 32961) (Flat Rate) (Expected Delivery Date) (Monday 04/02/2018) (USPS Tracking #) (9505 5117 6593 8089 2138 34)	1	\$6.70
Insurance (Up to \$50.00 included)	1	\$0.00
PM 3-Day Flat Rate Env (Domestic) (VERO BEACH, FL 32968) (Flat Rate) (Expected Delivery Date) (Monday 04/02/2018) (USPS Tracking #) (9505 5117 6593 8089 2138 41)	1	\$6.70
Insurance (Up to \$50.00 included)	1	\$0.00
PM 3-Day Flat Rate Env (Domestic) (VERO BEACH, FL 32961) (Flat Rate) (Expected Delivery Date) (Monday 04/02/2018) (USPS Tracking #) (9505 5117 6593 8089 2138 58)	1	\$6.70
Insurance (Up to \$50.00 included)	1	\$0.00

Total \$20.10 **1**

Credit Card Remitd \$20.10  
(Card Name:MasterCard)  
(Account #:XXXXXXXXXX2449)  
(Approval #:123137)  
(Transaction #:416)  
(Entry Mode:Chip)  
(AID:A0000000041010)  
(Application Label:MasterCard)  
(PIN:PIN Not Required)  
(Cryptogram:9C1082D9C1A945ED)  
(ARC:00)  
(CVR:1E0300)  
(IAD:0910607003240000B45C0000000000000000FF)  
(TSI:E800)  
(TVR:0000008000)

Includes up to \$50 insurance

*Pensacola branch card/copy*  
*Haslam*  
*\$20.10*  
*(ship 3 CDs that contain report)*

Project # FR0766N Department # 2735  
Phase # 05 CPMU X Unit Rate NonBill  
Task # 1 Signature Guy Bennett  
Subcontractor: Y N X Date 3/30/18

**Invoice Number****Invoice Date****Account Number**Page  
3 of 4**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
FR0766N	1	3.0	60.87	1.09		-40.18	21.78
<b>Total FedEx Express</b>	<b>1</b>	<b>3.0</b>	<b>\$60.87</b>	<b>\$1.09</b>		<b>-\$40.18</b>	<b>\$21.78</b>

**TOTAL THIS INVOICE****USD****\$21.78** 2

PRINTERS OF PENSACOLA, LLC  
 1207 WEST GARDEN STREET  
 PENSACOLA, FLORIDA 32502  
 O: 850-434-2588 F: 850-434-6295  
 www.printersofpensacola.com  
 rayh@printersofpensacola.com

# Invoice

No. **33534**

2778

Date 3/16/18

GEOSYNTEC CONSULTANTS

Customer P.O. No.

PRINTERS OF PENSACOLA  
 1207 WEST GARDEN ST.  
 PENSACOLA, FL 32502  
 850-434-2588

QUANTITY		CREDIT CARD SALE	AMOUNT
1	SCAN & EMAIL  MID: 8788014182890 TID: 88014182890 REF#: 00000004 Batch #: 0520 03/16/18 13:14:54 Customer #: 2778 Invoice #: 4 APPR CODE: 131454 MASTERCARD Chip *****2449 *** TRN REF: MCFDF1CB0316 Approved: Online  <b>AMOUNT</b> USD \$8.00 <b>TAX</b> USD \$0.60 <b>TOTAL</b> USD \$8.60  MasterCard AID: A0000000041010 TVR: 00 00 00 80 00 TSI: E8 00 ARC: 00  THANK YOU! PLEASE COME AGAIN!  CARDHOLDER COPY RETAIN THIS COPY FOR STATEMENT VERIFICATION  Project # <u>06</u> Phase # _____ Task # _____ Subcontractor: Y <u>No X</u>  Department # <u>2735</u> CPMU <input checked="" type="checkbox"/> Unit Rate <input checked="" type="checkbox"/> NonBill <input checked="" type="checkbox"/> Signature <u>J. Johnson</u> Date _____  <i>pur scanner was not working - G. Hasler</i>	(Pensacola credit branch card)  Category: office Supplies	8.00

<p>Taken by:          Account Type: COD          Please pay from this invoice.          Interest charge of 1 1/2 percent added for invoices past 30 days.          Thank you!</p> <p>SIGNATURE _____</p>	<p>File Originals</p>	<p>SUBTOTAL 8.00          TAX 0.60          SHIPPING          TOTAL 8.60          AMOUNT DUE 8.60</p>
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