

6 April 2021

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. 430289
IRC – 2020 Permit Compliance Monitoring and Reporting
IRC Work Authorization No. CCNA-2018-Work Order No. 6
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. FL3738 – 2020 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. 6 authorized on December 10, 2019, pursuant to that certain Continuing Contract Agreement for Professional Services, dated April 17, 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. 430289, dated 31 March 2021.

SCOPE OF WORK

The scope of work authorized under Work Order No. CCNA-2018-Work Order No. 6 was divided into five 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; and (v) Technical and Miscellaneous Permit Compliance Support and Reporting. 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, 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 2020 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. Geosyntec also prepared responses to comments on the January 2020 semi-annual monitoring report for the Class I Landfill.

Phase 3 – Quarterly Assessment Monitoring and Reporting

Under this phase, Geosyntec completed the January, April, July and October 2020 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. As requested by SWDD, Geosyntec paid the Annual Title V Emissions fee of \$250 to FDEP on behalf of SWDD.

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:

- reporting required by the Multi-Sector Generic Permit for stormwater discharge;
- quarterly monitoring and reporting of the LFG monitoring wells located at the perimeter of the site and also in enclosed structures;
- miscellaneous permit and compliance support services;

Mr. Himanshu H. Mehta, P.E.
6 April 2021
Page 2

- assistance with preparing annual budgets for SWDD; and
- sampling and reporting for additional monitoring wells and surface water for the C&D debris disposal facility depending on the results of the semi-annual and quarterly sampling and analytical testing; and

As requested by SWDD, Geosyntec paid the NPDES Permit renewal fee of \$500 to FDEP on behalf of SWDD.

BUDGET

The approved budget for Work Order No. CCNA-2018-Work Order No. 6 was \$176,511.29. The total invoiced amount, including the final invoice is \$177,261.29, which includes the FDEP permit fees of \$750 (\$250 for EAOR and \$500 for NPDES) that were paid on behalf of SWDD. 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.

Sincerely



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

Enclosure: Invoice No. 430289

2 April 2021

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. 430289
IRC – 2020 Permit Compliance Monitoring and Reporting
Indian River County Landfill Facility**

Dear Mr. Mehta:

Geosyntec Consultants, Inc. (Geosyntec) prepared this project management report to address the professional services for the 2020 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 28 February 2021. Table 1 provides invoicing details for the project.

PROJECT MANAGEMENT SUMMARIES

Geosyntec's Project No. FL3738: 2020 Permit Compliance Monitoring and Reporting – Indian River County Landfill Facility (IRC Work Authorization No. CCNA-2018 Work Order No. 6)

Budget Overview

Invoice No. 430289 (enclosed) dated 31 March 2021 for \$4,008.59 is the 15th and final invoice for Project No. FL3738. This invoice includes \$750.00 permit fees beyond the approved lump sum budget. Listed below is a summary of the budget, including invoiced amount and remaining budget.

| | |
|------------------|--------------|
| Approved Budget: | \$176,511.29 |
| Invoiced Amount: | \$177,261.29 |
| Remaining Budget | \$0.00 |

WORK COMPLETED TO DATE

The tasks performed under this invoice include: preparation and submission of the hydrogen sulfide testing results and 2020 annual emissions report to FDEP and SWDD; correspondence with SWDD and FDEP; and project administration, including project management and invoicing.

WORK REFLECTED ON ENCLOSED INVOICE

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

- Labor indicated as professional services (\$3,258.59) is associated with preparation and submittal of the 2020 annual emissions report, and project management, including invoicing.
- Other expenses are associated with communications fee and other direct expenses and are built into the lump sum amount above.
- Permit fees of \$750.00 paid to the FDEP for the NPDES Permit renewal fee (\$500) and Title V Annual Emissions fee (\$250).

ONGOING WORK

Geosyntec has completed the scope of work under this Work Order..

RECOMMENDED ACTIONS

None

Mr. Himanshu H. Mehta, P.E.
26 February 2021
Page 3

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,

A handwritten signature in black ink, appearing to read "Kwasi Badu-Tweneboah".

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

Enclosure – Invoice No. 430289

Table 1

**Summary of Invoices Submitted for Geosyntec’s Project Number 3738
IRC – 2020 Permit Compliance Monitoring and Reporting**

| Geosyntec Project Number/IRC Work Authorization Number | Invoice No. | Invoice Date | Amount |
|---|--------------------|---------------------|---------------|
| FL3738/CCNA2018- WORK ORDER No. 6 | 391099 | 01/20/2020 | \$2,140.00 |
| | 392563 | 02/07/2020 | \$20,959.04 |
| | 395485 | 03/11/2020 | \$11,915.81 |
| | 399139 | 04/17/2020 | \$13,059.79 |
| | 401547 | 05/14/2020 | \$15,468.21 |
| | 404929 | 06/17/2020 | \$13,983.60 |
| | 407815 | 07/24/2020 | \$9,969.60 |
| | 409499 | 08/10/2020 | \$10,344.20 |
| | 412302 | 9/11/2020 | \$20,292.29 |
| | 414869 | 10/8/2020 | \$15,806.46 |
| | 416994 | 11/2/2020 | \$15,493.75 |
| | 421785 | 12/20/2020 | \$4,167.89 |
| | 424363 | 1/21/2021 | \$8,668.56 |
| | 427549 | 2/26/2021 | \$10,983.50 |
| | 430289 | 3/31/2021 | \$4,008.59 |
| | | TOTAL | |



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 # : 430289
Project : FL3738

Invoice Date : 3/31/2021

Attention: HIMANSHU MEHTA, P.E.

For Professional Services Rendered through transaction date: 2/28/2021

Project Name : 2020 COMPLIANCE MONITORING REPORTI

IF YOU HAVE QUESTIONS ABOUT THIS INVOICE, PLEASE CONTACT DR. KWASI BADU-TWENEBOAH AT 904-450-4259
CCNA-2018 WORK ORDER NO. 6

| | Phase Fee | % Complete | Previously Billed | Amount Due This Invoice | Total Invoiced To Date |
|-------------------------------------|-----------|------------|-------------------|-------------------------|------------------------|
| 01) GC/MEETING SUPPORT/PM | 26,198.20 | 100.00 | 24,102.34 | 2,095.86 | 26,198.20 |
| | Phase Fee | % Complete | Previously Billed | | Total Invoiced To Date |
| 02) SEMIANNUAL SAMPLING N REPORTING | 61,860.79 | 100.00 | 61,860.79 | | 61,860.79 |
| | Phase Fee | % Complete | Previously Billed | | Total Invoiced To Date |
| 03) QUARTERLY ASSESSMENT MONITORING | 31,270.90 | 100.00 | 31,270.90 | | 31,270.90 |
| | Phase Fee | % Complete | Previously Billed | Amount Due This Invoice | Total Invoiced To Date |
| 04) TITLE V PERMIT COMPLIANCE | 29,068.40 | 100.00 | 27,905.66 | 1,162.74 | 29,068.40 |
| | Phase Fee | % Complete | Previously Billed | | Total Invoiced To Date |
| 05) TECHNICAL COMPLIANCE SUPPORT | 28,113.00 | 100.00 | 28,113.00 | | 28,113.00 |

| | |
|------------------------------------|-------------------|
| Total Contract Fee | \$176,511.29 |
| Total % Complete To Date | 100.00 % |
| Total Fee Earned To Date | \$176,511.29 |
| Less Previous Billings | \$173,252.70 |
| Permit Fees | \$750.00 |
| Total This Invoice | \$4,008.59 |
| **Amount Due this Invoice** | \$4,008.59 |

Statement

| | | | |
|-------------------------------------|--------------|------------------------------------|-------------------|
| Prior Billings | \$173,252.70 | Project Budget | \$176,511.29 |
| Current Invoice | \$4,008.59 | Billed to Date | \$177,261.29 |
| Billed To Date (Includes Retainage) | \$177,261.29 | Contract Balance | \$0.00 |
| Paid To Date | \$173,252.70 | **Amount Due This Invoice** | \$4,008.59 |

Permit Fees were paid on behalf of SWDD (see attached backup)