

PROFESSIONAL SERVICE AGREEMENT

THIS PROFESSIONAL SERVICE AGREEMENT (the “Agreement”) is entered into as of the Effective Date (defined in Section 1, below) by and between Polk County (the “County”), a political subdivision of the State of Florida, situated at 330 West Church Street, Bartow, Florida 33830, and Geosyntec Consultants, Inc. (the “Consultant”) a Florida corporation, headquartered at 777 Yamato Road, Ste 600, Boca Raton, FL 33431, whose Federal Employer Identification Number is 59-2355134.

WHEREAS, the County requires certain professional services in connection with the Southeast Landfill Class 1 final cap; and,

WHEREAS, the County has solicited for these services via RFP 24-654, an advertised request for proposals (the “RFP”), and has received numerous responsive proposals thereto; and

WHEREAS, pursuant to the RFP, the County has selected the Consultant, and the Consultant remains agreeable to providing the County the professional services described herein, and the Consultant represents that it is capable and prepared to do so according to the terms and conditions stated herein;

NOW, THEREFORE, in consideration of the mutual understandings and covenants set forth herein, the parties hereby agree, as follows:

1.0 Effective Date; Term

1.1 This Agreement shall take effect on the date (the “Effective Date”) of its execution by the County and shall continue until the Consultant completes all Services as identified in Section 2, below, unless the Agreement is otherwise sooner terminated as provided herein.

1.2 A timeline will be established for each Phase (as defined in Section 2.2) of the Project. The timeline for Phase 1, Assessment and Phase 3, Closure Design and Permitting are included in the Phase 1 and Phase 3 Scope of Work attached hereto and incorporated herein as Exhibit “A-iii, and a timeline for each subsequent Phase will be included in an amendment to this Agreement.

2.0 Consultant Services

2.1 The County does hereby retain the Consultant to furnish those services and to perform those tasks (collectively, the “Services”) further described in (i) the County’s Request for Proposal RFP # 24-654, to include all attachments and addenda, (ii) the Consultant’s responsive proposal thereto, and (iii) the Scope of Work (collectively, (i) (ii), and (iii) are “RFP 24-654”), all

of which are incorporated into this Agreement by this reference, attached as a composite Exhibit “A” and made a part of this Agreement.

2.2 At its option the County may choose to modify, add or delete any Services included within the four phases as set forth and described in the Consultant’s Scope of Work (Collectively, the “Phases”), contained in Exhibit “Aiii”, by duly executing a written amendment(s) to this Agreement.

2.3 By execution of this Agreement, the County hereby engages the Consultant to perform the Phase 1 and Phase 3 Services, assessment and closure design and permitting, as outlined in Exhibit “Aiii”.

3.0 **Compensation**

3.1 **General**

3.1.1 In consideration for its providing the Services, the County shall pay the Consultant the not to exceed amount of \$424,297.00 stated in Exhibit “Aiii” Cost, which is attached hereto and made a part of this Agreement.

3.1.2 The Consultant shall invoice the County based upon the Consultant’s fees that are stated on the attached Exhibit “B”, "Rate Schedule", which is made a part of this Agreement. The Fee Schedule identifies all Consultant job classifications which will perform billable services pursuant to this Agreement and the fee for each job classification, along with all equipment, materials, and supplies necessary in the performance of the Services. The County shall not be obligated to pay the Consultant (i) for any Services performed by individuals whose job classifications are not listed on the Fee Schedule, and (ii) for the cost of any equipment, material, or supplies not listed on the Fee Schedule that the Consultant may use in performing the Services.

3.1.3 All the Consultant’s invoices for payment must reference this Agreement and must be submitted using a form approved by the County Auditor.

3.1.4 Each invoice shall be due and payable forty-five (45) days after the date the County receives a correct, fully documented, invoice, in form and substance satisfactory to the County with all appropriate cost substantiations attached. All invoices shall be delivered to:

Polk County Solid Waste
10 Environmental Loop
Winter Haven, FL 33880

3.1.5 The Consultant will clearly state "Final Invoice" on the Consultant's final/last billing for the Services rendered to the County. The Consultant's submission of a Final Invoice is its certification that all Services have been properly performed, and all charges and costs have been invoiced to the County. This account will be closed upon the County's receipt of a Final Invoice. The Consultant hereby waives any charges not properly included on its Final Invoice.

3.1.6 The County's payment of a Final Invoice shall not constitute evidence of the County's acceptance of the Consultant's performance of the Services or its acceptance of any of the Consultant's Project work.

3.1.7 All Consultant invoices shall be accompanied by time and task records for all billable hours appearing on the invoice. After examining an invoice, the County may request that the Consultant submit additional documents to support certain fees or charges. Upon receipt of any such request the Consultant shall provide the requested documents or other required information to the County Auditor's reasonable satisfaction.

3.1.8 On each invoice submitted, the Consultant's Project Manager or designated payroll officer is attesting to the correctness and accuracy of all fees, time charges and requested reimbursements for which the Consultant seeks payment.

3.1.9 The County's review, approval, acceptance, or payment for any of the Consultant's Services shall not be construed to: (i) operate as a waiver of any rights the County possesses under this Agreement; or (ii) waive or release any claim or cause of action arising out of the Consultant's performance or nonperformance of this Agreement. The Consultant shall be and will always remain liable to the County in accordance with applicable law for any and all damages to the County caused by the Consultant's negligent or wrongful performance or nonperformance of any of the Services to be furnished under this Agreement.

3.2 Reimbursable Expenses

3.2.1 All requests for payment of out-of-pocket expenses eligible for reimbursement under the terms of this Agreement shall be reimbursed per the negotiated Scope of Work (Exhibit A-iii) and in accordance with the County's Reimbursable Schedule that is attached hereto as Exhibit "C" and made a part of this Agreement. The Consultant's requests for payment shall include copies of paid receipts, invoices or other documentation acceptable to the County's Auditor. Such documentation shall be sufficient to establish that the expense was actually incurred and necessary in the performance of the Services described in this Agreement.

3.2.2 Reimbursable Expenses are the actual, pre-approved, expenses the Consultant incurred directly in connection with the performance of the Services performed in accordance with this Agreement:

Overnight Deliveries
Reproduction
Sub-Consultant

3.2.3 Mileage and associated travel costs shall be reimbursed in accordance with F.S. 112.061 and County policy for pre-approved out-of-county travel.

3.2.4 All assets, i.e. durable goods, purchased as reimbursable expenses become the property of the County upon completion of any Project work for which the asset was utilized. All such assets must be surrendered by delivery to the applicable County Division responsible for the Project immediately upon (i) demand, (ii) termination of the Agreement, or (iii) the conclusion of the applicable Project, whichever occurs first.

3.2.5 Consultant shall maintain a current inventory of all such assets.

4.0 Consultant's Responsibilities

4.1 The Consultant shall be responsible for the professional quality, accuracy, competence, methodology, and the coordination of all Services performed pursuant to this Agreement.

4.2 The County's review, approval, acceptance, or payment for any of the Consultant's Services shall not be construed to: (i) operate as a waiver of any rights the County possesses under this Agreement; or (ii) waive or release any claim or cause of action arising out of the Consultant's performance or nonperformance of this Agreement. The Consultant shall be and will always remain liable to the County in accordance with applicable law for any and all damages to the County caused by the Consultant's negligent or wrongful performance or nonperformance of any of the Services to be furnished under this Agreement.

5.0 Ownership of Documents

All analyses, reference data, bills, completed reports, or any other form of written instrument or document created or resulting from the Consultant's performance of the Services pursuant to this Agreement, subject to the cure period provided in Section 26.0, shall become the property of the County after payment is made to the Consultant for such instruments or documents.

6.0 Termination

6.1 The County may terminate this Agreement, in whole or in part, at any time, either for the County's convenience or because of the failure of the Consultant to fulfill its obligations under this Agreement, subject to the cure period provided in Section 26.0, by delivering written notice to the Consultant. Upon receipt of such notice, the Consultant shall:

6.1.1 Immediately discontinue all affected Services unless the notice directs otherwise, and

6.1.2 Deliver to the County all data, reports, summaries, and any and all such other information and materials of whatever type or nature as may have been accumulated by the Consultant in performing this Agreement, whether completed or in process.

6.2 Unless in dispute or subject to the County's right of set-off or other remedy, the Consultant shall be paid for Services actually rendered to the date of termination.

6.3 The rights and remedies of the County provided for in this Section 6 are in addition and supplemental to any and all other rights and remedies provided by law or under this Agreement.

7.0 No Contingent Fees

The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or other consideration contingent upon or resulting from award of or making of the Agreement. For the breach or violation of this provision, the County shall have the right to terminate the Agreement at its sole discretion, without liability and to deduct from the Agreement price, or otherwise recover, the full amount of such fee, commission, percentage, gift, or consideration.

8.0 Assignment

The Consultant shall not assign, transfer, or encumber this Agreement, or any interest herein, under any circumstances, without obtaining the prior written consent of the County, which consent may be withheld in the County's exercise of its reasonable discretion.

9.0 Professional Associates and Subcontractors

If the Consultant requires the assistance of any professional associates or subcontractors in connection with its providing the Services the Consultant must obtain the prior express written

approval of the County, which the County may withhold in its discretion, before any such professional associate or subcontractor may perform any work for the County. If after obtaining the County's approval the Consultant utilizes any professional associates or subcontractors in the delivery of the Services then the Consultant shall remain solely and fully liable to the County for the performance or nonperformance of all such professional associates and subcontractors. The failure of a professional associate or subcontractor to timely or properly perform any of its obligations to the Consultant shall not relieve the Consultant of its obligations to the County under this Agreement.

10.0 Indemnification of County

Consultant, to the extent permitted by law, shall indemnify, defend (by counsel reasonably acceptable to County) protect and hold the County, and its officers, employees and agents harmless from and against any and all, claims, actions, causes of action, liabilities, penalties, forfeitures, damages, losses, and expenses (including, without limitation, attorneys' fees costs and expenses incurred during negotiation, through litigation and all appeals therefrom) whatsoever including, but not limited, to those pertaining to the death of or injury to any person, or damage to any property, arising out of or resulting from (i) the failure of Consultant to comply with applicable laws, rules or regulations, (ii) the breach by Consultant of its obligations under this Agreement, (iii) any claim for trademark, patent or copyright infringement arising out of the scope of Consultant's performance or nonperformance of this Agreement, or (iv) the negligent acts, errors or omissions, or intentional or willful misconduct, of Consultant, its professional associates, subcontractors, agents, and employees provided, however, that Consultant shall not be obligated to defend or indemnify the County with respect to any such claims or damages arising out of the County's sole negligence.

11.0 Insurance Requirements

The Consultant shall maintain at all times the following minimum levels of insurance and shall, without in any way altering its liability, obtain, pay for and maintain insurance for the coverage and amounts of coverage not less than those set forth below. The Consultant shall provide the County original Certificates of Insurance satisfactory to the County to evidence such coverage before any work commences. The County shall be named as an additional insured on General and Automobile Liability policies. General Liability and Workers' Compensation policies shall contain a waiver of subrogation in favor of Polk County. The Commercial General Liability Policy

shall (by endorsement if necessary) provide contractual liability coverage for the contractual indemnity stated in Section 10, above. All insurance coverage shall be written with a company having an A.M. Best rating of at least the “A” category and size category of VIII. In the event of any failure by the Consultant to comply with the provisions of this Section 11, the County may, at its option, upon notice to the Consultant suspend Consultant's performance of the Services for cause until there is full compliance. Alternatively, the County may purchase such insurance at the Consultant’s expense, provided that the County shall have no obligation to do so and if the County shall do so, the Consultant shall not be relieved of or excused from the obligation to obtain and maintain such insurance amounts and coverage.

Comprehensive Automobile Liability Insurance. \$1,000,000.00 combined single limit of liability for bodily injuries, death and property damage resulting from any one occurrence, including all owned, hired, and non-owned vehicles.

Professional Liability. \$2,000,000 for errors and omissions, exclusive of defense costs.

Commercial General Liability. \$1,000,000.00 combined single limit of liability for bodily injuries, death and property damage, and personal injury resulting from any one occurrence, including the following coverages:

Premises and Operations:

Broad Form Commercial General Liability Endorsement to include Blanket Contractual liability (specifically covering, but not limited to, the contractual obligations assumed by the Firm); Personal Injury (with employment and contractual exclusions deleted); and Broad Form Property Damage coverage.

Independent Contractors:

Delete Exclusion relative to collapse, explosion and underground; Property Damage Hazards; Cross Liability Endorsement; and Contractual liability (specifically covering, but not limited to, the contractual obligations assumed by the Firm)

Workers Compensation. The Consultant shall provide, pay for, and maintain workers compensation insurance on all employees, its agents or subcontractors as required by Florida Statutes.

12.0 **Public Entity Crimes**

The Contractor declares and warrants that neither the Contractor nor any of the Contractor's affiliates, as that term is defined in Section 287.133, Florida Statutes, are subject to the restrictions in Section 287.133, Florida Statutes, regarding the commission of a public entity crime. If during the term of this Agreement, the Contractor or any affiliate is convicted of a public entity crime or is otherwise prohibited from performing work for or transacting business with the County pursuant to Section 287.133, Florida Statutes, then the Contractor shall be in material default of this Agreement, and in such case, the County shall have the rights and remedies as provided herein.

13.0 Non-Discrimination

The Consultant warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, gender, age or national origin.

14.0 Designation of Party Representatives

14.1 Upon receipt of a request from the Consultant, the County shall designate in writing one or more of its employees who are authorized to act by and on behalf of the County to transmit instructions, receive information and interpret and define the County's policy and decisions with respect to the Services to be provided pursuant to this Agreement.

14.2 The Consultant shall designate or appoint one or more Consultant representatives who are authorized to act on behalf of and to bind the Consultant regarding all matters involving the conduct of its performance pursuant to this Agreement.

15.0 All Prior Agreements Superseded

This document incorporates and includes all prior negotiations, correspondence, conversations, agreements or understandings applicable to the matters contained herein and the parties agree that there are no commitments, agreements or understandings concerning the subject matter of this Agreement that are not contained in this document or its designated exhibits. Accordingly, it is agreed that no deviation from the terms hereof shall be predicated upon any prior representations or agreements, whether oral or written.

16.0 Modifications, Amendments or Alterations

No modification, amendment or alteration in the terms or conditions contained herein shall be effective unless agreed to and executed in writing by both parties to this Agreement in a form acceptable to the County.

17.0 Independent Consultant

Nothing stated in this Agreement is intended or should be construed in any manner as creating or establishing a relationship of co-partners between the parties, or as constituting the Consultant (including its officers, employees, and agents) as the agent, representative, or employee of the County for any purpose, or in any manner, whatsoever. The Consultant is to be and shall remain forever an independent Consultant with respect to all Services performed under this Agreement. The Consultant shall not pledge the County's credit or make the County a guarantor of payment or surety for any contract, debt, obligation, judgment, lien or any form of indebtedness and the Consultant shall have no right to speak for or bind the County in any manner.

18.0 Public Records Law

(a) The Consultant acknowledges the County's obligations under Article I, Section 24, of the Florida Constitution and under Chapter 119, Florida Statutes, to release public records to members of the public upon request and comply in the handling of the materials created under this Agreement. The Consultant further acknowledges that the constitutional and statutory provisions control over the terms of this Agreement. In association with its performance pursuant to this Agreement, the Consultant shall not release or otherwise disclose the content of any documents or information that is specifically exempt from disclosure pursuant to all applicable laws.

(b) Without in any manner limiting the generality of the foregoing, to the extent applicable, the Consultant acknowledges its obligations to comply with Section 119.0701, Florida Statutes, with regard to public records, and shall:

(1) keep and maintain public records required by the County to perform the services required under this Agreement;

(2) upon request from the County's Custodian of Public Records or his/her designee, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law;

(3) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the term of this Agreement and following completion of this Agreement if the Consultant does not transfer the records to the County; and

(4) upon completion of this Agreement, transfer, at no cost, to the County all public records in possession of the Consultant or keep and maintain public records required by the County to perform the service. If the Consultant transfers all public records to the County upon completion of this Agreement, the Consultants shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Consultant keeps and maintains public records upon completion of this Agreement, the Consultant shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the County, upon request from the County's Custodian of Public Records, in a format that is compatible with the information technology systems of the County.

(c) IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING

TO THIS AGREEMENT, CONTACT THE COUNTY'S CUSTODIAN OF PUBLIC RECORDS AT:

**RECORDS MANAGEMENT LIAISON OFFICER
POLK COUNTY
330 WEST CHURCH ST.
BARTOW, FL 33830
TELEPHONE: (863) 534-7527
EMAIL: RMLO@POLK-COUNTY.NET**

19.0 Compliance with Laws and Regulations

In providing all Services pursuant to this Agreement, the Consultant shall comply with applicable regulatory requirements including federal, state, special district, and local laws, rules regulations, orders, codes, criteria and standards, including those now in effect and hereafter adopted. Any violation of said statutes, ordinances, rules, or regulations shall constitute a material breach of this Agreement, and shall entitle the County to terminate this Agreement immediately upon delivery of written notice of termination to the Consultant.

20.0 Governing Law and Venue

This Agreement shall be governed in all respects by the laws of the State of Florida and any litigation with respect thereto shall be brought only in the courts of Polk County, Florida or in the United States District Court, Middle District of Florida, located in Hillsborough County, Florida. Each party shall be responsible for its own attorneys' fees and other legal costs and expenses.

21.0 Notices

Whenever either party desires to give notice unto the other, it must be given by written notice, delivered (i) in person, (ii) via registered or certified United States mail, postage prepaid with return receipt requested, or (iii) via nationally recognized overnight delivery service, and addressed to the party for whom it is intended at the place last specified by each party. The place for giving of notice shall remain such until it is changed by written notice delivered in compliance with the provisions of this Section 21. For the present, the parties designate the following as the respective places for giving of notice, to wit:

For County:

Polk County Solid Waste
10 Environmental Loop
Winter Have, Florida 33880
Attention: Division Director

For Consultant: Geosyntec Consultants, Inc.
12802 Tampa Oaks Blvd., Suite 151
Tampa, FL 33637
Attention: Rachel Klinger

22.0 Severability

The invalidity, illegality, or unenforceability of any provision of this Agreement, or the occurrence of any event rendering any portion or provision of this Agreement void, shall in no way affect the validity or enforceability of any other portion or provision of the Agreement; any void provision shall be deemed severed from the Agreement and the balance of the Agreement shall be construed and enforced as if the Agreement did not contain the particular portion or provision held to be void. The parties further agree to reform the Agreement to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this section shall not prevent the entire Agreement from being void should a provision which is of the essence of the Agreement be determined to be void.

23.0 Annual Appropriations

Consultant acknowledges that during any fiscal year the County shall not expend money, incur any liability, or enter into any agreement which by its terms involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Accordingly, any agreement, verbal or written, the County may make in violation of this fiscal limitation is null and void, and no money may be paid on such agreement. The County may enter into agreements whose duration exceeds one year; however, any such agreement shall be executory only for the value of the services to be rendered which the County agrees to pay as allocated in its annual budget for each succeeding fiscal year. Accordingly, the County's performance and obligation to pay the Consultant under this Agreement is contingent upon annual appropriations being made for that purpose.

24.0 Employment Eligibility Verification (E-VERIFY)

A. Unless otherwise defined herein, terms used in this Section which are defined in Section 448.095, Florida Statutes, as may be amended from time to time, shall have the meaning ascribed in said statute.

B. Pursuant to Section 448.095(5), Florida Statutes, the contractor hereto, and any subcontractor thereof, must register with and use the E-Verify system to verify the work authorization status of all new employees of the contractor or subcontractor. The contractor acknowledges and agrees that (i) the County and the contractor may not enter into this Agreement, and the contractor may not enter into any subcontracts hereunder, unless each party to this Agreement, and each party to any subcontracts hereunder, registers with and uses the E-

Verify system; and (ii) use of the U.S. Department of Homeland Security's E-Verify System and compliance with all other terms of this Certification and Section 448.095, Fla. Stat., is an express condition of this Agreement, and the County may treat a failure to comply as a material breach of this Agreement.

C. By entering into this Agreement, the contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The contractor shall maintain a copy of such affidavit for the duration of this Agreement. Failure to comply will lead to termination of this Agreement, or if a subcontractor knowingly violates the statute or Section 448.09(1), Fla. Stat., the subcontract must be terminated immediately. If this Agreement is terminated pursuant to Section 448.095, Fla. Stat., such termination is not a breach of contract and may not be considered as such. Any challenge to termination under this provision must be filed in the Tenth Judicial Circuit Court of Florida no later than 20 calendar days after the date of termination. If this Agreement is terminated for a violation of Section 448.095, Fla. Stat., by the contractor, the contractor may not be awarded a public contract for a period of 1 year after the date of termination. The contractor shall be liable for any additional costs incurred by the County as a result of the termination of this Agreement. Nothing in this Section shall be construed to allow intentional discrimination of any class protected by law.

25.0 Consultant Representations

25.1 The Consultant hereby represents and warrants the following to the County:

25.1.1 Consultant is a corporation that is duly organized and existing in good standing under the laws of the State of Florida with full right and authority to do business within the State of Florida.

25.1.2 Consultant's performance under this Agreement will not violate or breach any contract or agreement to which the Consultant is a party or is otherwise bound, and will not violate any governmental statute, ordinance, rule, or regulation.

25.1.3 Consultant has the full right and authority to enter into this Agreement and to perform its obligations in accordance with its terms.

25.1.4 Consultant now has and will continue to maintain all licenses and approvals required for conducting its business, and that it will at all times conduct its business activities in a reputable manner.

25.1.5 Consultant has no obligation or indebtedness that would impair its ability to fulfill the terms of this Agreement.

25.1.6 Consultant has the personnel and experience necessary to perform

all Services in a professional and workmanlike manner.

25.1.7 Consultant shall exercise the same degree of care, skill, and diligence in the performance of the Services as provided by a professional of like experience, knowledge and resources, under similar circumstances.

25.1.8 Consultant shall, at no additional cost to County, re-perform those Services which fail to satisfy the foregoing standard of care or which otherwise fail to meet the requirements of this Agreement.

25.1.9 Each individual executing this Agreement on behalf of the Consultant is authorized to do so

26.0 Default and Remedy

If the Consultant materially defaults in its obligations under this Agreement and fails to cure the same within fifteen (15) days after the date the Consultant receives written notice of the default from the County, then the County shall have the right to (i) immediately terminate this Agreement by delivering written notice to the Consultant, and (ii) pursue any and all remedies available in law, equity, and under this Agreement. If the County materially defaults in its obligations under this Agreement and fails to cure the same within fifteen (15) days after the date the County receives written notice of the default from the Consultant, then the Consultant shall have the right to immediately terminate this Agreement by delivering written notice to the County. Upon any such termination, the County shall pay the Consultant the full amount due and owing for all Services performed through the date of Agreement termination.

27.0 Limitation of Liability

IN NO EVENT, SHALL THE COUNTY BE LIABLE TO THE CONSULTANT FOR INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY, OR PUNITIVE DAMAGES OF ANY KIND OR NATURE, INCLUDING LOSS OF PROFIT, WHETHER FORESEEABLE OR NOT, ARISING OUT OF OR RESULTING FROM THE NONPERFORMANCE OR BREACH OF THIS CONTRACT BY THE COUNTY WHETHER BASED IN CONTRACT, COMMON LAW, WARRANTY, TORT, STRICT LIABILITY, CONTRIBUTION, INDEMNITY OR OTHERWISE. NOTWITHSTANDING ANYTHING TO THE CONTRARY STATED ELSEWHERE IN THIS AGREEMENT, CONSULTANT'S MAXIMUM AGGREGATE LIABILITY UNDER THIS AGREEMENT AND ANY OTHER ATTACHMENTS HERETO WHETHER BASED IN

CONTRACT, TORT, WARRANTY, NEGLIGENCE OR OTHERWISE SHALL NOT EXCEED AMOUNTS RECOVERABLE UNDER THE SCOPE AND LIMITS OF THE INSURANCE REQUIRED UNDER THIS AGREEMENT, UP TO A MAXIMUM OF \$2,000,000.

28.0 Waiver

A waiver by either County or Consultant of any breach of this Agreement shall not be binding upon the waiving party unless such waiver is in writing. In the event of a written waiver, such a waiver shall not affect the waiving party's rights with respect to any other or further breach of this Agreement. The making or acceptance of a payment by either party with the knowledge of the other party's existing default or breach of the Agreement shall not waive such default or breach, or any subsequent default or breach of this Agreement, and shall not be construed as doing so.

29.0 Attorneys' Fees and Costs

Each party shall be responsible for its own legal and attorneys' fees, costs and expenses incurred in connection with any dispute or any litigation arising out of, or relating to this Agreement, including attorneys' fees, costs, and expenses incurred for any appellate or bankruptcy proceedings.

30.0 Force Majeure

Either party hereunder may be temporarily excused from performance if an Event of Force Majeure directly or indirectly causes its nonperformance. An "Event of Force Majeure" is defined as any event which results in the prevention or delay of performance by a party of its obligations under this Agreement and which is beyond the reasonable control of the nonperforming party. It includes, but is not limited to fire, flood, earthquakes, storms, lightning, epidemic, war, riot, civil disturbance, sabotage, and governmental actions. Neither party shall be excused from performance if non-performance is due to forces which are reasonably preventable, removable, or remediable and which the non-performing party could have, with the exercise of reasonable diligence, prevented, removed, or remedied prior to, during, or immediately after their occurrence. Within five (5) days after the occurrence of an Event of Force Majeure, the non-performing party shall deliver written notice to the other party describing the event in reasonably sufficient detail, along with proof of how the event has precluded the non-performing party from performing its obligations hereunder, and a good faith estimate as to the anticipated duration of the delay and the means and methods for correcting the delay. The non-performing party's obligations, so far as

those obligations are affected by the Event of Force Majeure, shall be temporarily suspended during, but no longer than, the continuance of the Event of Force Majeure and for a reasonable time thereafter as may be required for the non-performing party to return to normal business operations. If excused from performing any obligations under this Agreement due to the occurrence of an Event of Force Majeure, the non-performing party shall promptly, diligently, and in good faith take all reasonable action required for it to be able to commence or resume performance of its obligations under this Agreement. During any such time period, the non-performing party shall keep the other party duly notified of all such actions required for it to be able to commence or resume performance of its obligations under this Agreement.

31.0 Key Personnel

The Consultant shall notify the County if any of the Consultant's Key Personnel (as defined, below) change during the Term of the Agreement. To the extent possible, the Consultant shall notify the County at least ten (10) days prior to any proposed change in its Key Personnel. At the County's request the Consultant shall remove without consequence to the County any of the Consultant's contractors, sub-contractors, sub-consultants, agents or employees and replace the same with an appropriate substitute having the required skill and experience necessary to perform the Services. The County shall have the right to reject the Consultant's proposed changes in Key Personnel. The following individuals shall be considered "Key Personnel:"

Name: Rachel Klinger

Name: Richard Tedder

Name: Dan Schauer

Name: Craig Browne

Name: Tim Copeland

Name: Fred Chandler

Name: Kevin Warner

Name: Joseph Bartlett

Name: Matt Wissler

32.0 Scrutinized Companies and Business Operations Certification; Termination.

A. Certification(s).

(i) By its execution of this Agreement, the Vendor hereby certifies to the County that the Vendor is not on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, nor is the Vendor engaged in a boycott of Israel, nor was the Vendor on such List or engaged in such a boycott at the time it submitted its bid, proposal, quote, or other form of offer, as applicable, to the County with respect to this Agreement.

(ii) Additionally, if the value of the goods or services acquired under this Agreement are greater than or equal to One Million Dollars (\$1,000,000), then the Vendor further certifies to the County as follows:

(a) the Vendor is not on the Scrutinized Companies with Activities in Sudan List, created pursuant to Section 215.473, Florida Statutes; and

(b) the Vendor is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473, Florida Statutes; and

(c) the Vendor is not engaged in business operations (as that term is defined in Florida Statutes, Section 287.135) in Cuba or Syria; and

(d) the Vendor was not on any of the Lists referenced in this subsection A(ii), nor engaged in business operations in Cuba or Syria when it submitted its proposal to the County concerning the subject of this Agreement.

(iii) The Vendor hereby acknowledges that it is fully aware of the penalties that may be imposed upon the Vendor for submitting a false certification to the County regarding the foregoing matters.

B. Termination. In addition to any other termination rights stated herein, the County may immediately terminate this Agreement upon the occurrence of any of the following events:

(i) The Vendor is found to have submitted a false certification to the County with respect to any of the matters set forth in subsection A(i) above, or the Vendor is found to have been placed on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel.

(ii) The Vendor is found to have submitted a false certification to the County with respect to any of the matters set forth in subsection A(ii) above, or the Vendor is found to have been placed on the Scrutinized Companies with Activities in Sudan List, or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or has been engaged in business operations in Cuba or Syria, and the value of the goods or services acquired under this Agreement are greater than or equal to One Million Dollars (\$1,000,000).

33. **No Construction Against Drafter**

The Parties acknowledge that this Agreement and all the terms and conditions contained herein have been fully reviewed and negotiated by the Parties. Accordingly, any rule of

construction to the effect that ambiguities are to be resolved against the drafting party shall not apply in interpreting this Agreement.

34. Unauthorized Alien(s)

The Consultant shall not employ or utilize unauthorized aliens in the performance of the Services provided pursuant to this Agreement. The County shall consider the employment or utilization of unauthorized aliens a violation of Section 274A(e) of the Immigration and Naturalization Act (8 U.S.C. 1324a) and a cause for the County's unilateral termination of this Agreement. When delivering executed counterparts of this Agreement to the County, the Consultant shall also deliver a completed and executed counterpart of the attached "AFFIDAVIT CERTIFICATION IMMIGRATION LAWS" form.

**(THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK;
THE AGREEMENT CONTINUES ON THE FOLLOWING PAGE
WITH THE PARTIES' SIGNATURES.)**

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the Effective Date.

ATTEST:

STACY M. BUTTERFIELD
CLERK OF THE BOARD

Polk County, a political subdivision
of the State of Florida

By: _____
Deputy Clerk

By: _____
T.R. Wilson, Chairman
Board of County Commissioners

Date Signed By County _____

Reviewed as to form and legal sufficiency:

Nancy M. New 3/13/25
County Attorney's Office Date

ATTEST:

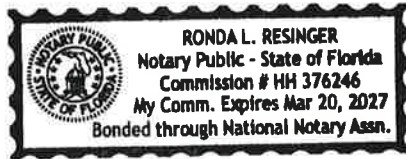
Geosyntec Consultants, Inc.,
a Florida corporation

By: Ronda L. Resinger
Ronda L. Resinger
PRINT NAME
Administrative Assistant
TITLE

By: Todd R. Kafka
Todd R. Kafka
PRINT NAME
Vice President
TITLE

Date: 17 March 2025

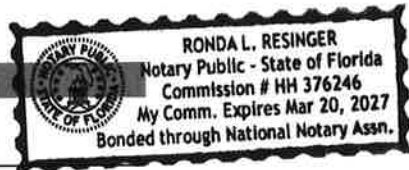
SEAL



ACKNOWLEDGEMENT OF FIRM IF A LIMITED LIABILITY COMPANY
 STATE OF _____ County OF _____
 The foregoing instruments was acknowledged before me by means of physical presence or online notarization this _____ (Date) by _____ (Name of officer or agent) as _____ (title of officer or agent) of the Company on behalf of the Company, pursuant to the powers conferred upon him/her by the Company. He/she personally appeared before me at the time of notarization, and is personally known to me or has produced _____ as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects. Subscribed and sworn to (or affirmed) before me this _____ (Date) _____ (Official Notary Signature and Notary Seal) _____ (Name of Notary typed, printed or stamped) Commission Number _____ Commission Expiration Date _____



ACKNOWLEDGEMENT OF FIRM, IF A CORPORATION
 STATE OF Florida County OF Hillsborough
 The foregoing instrument was acknowledged before me by means of physical presence or online notarization this 17 March 2025 (Date) by Todd K. Kafka (Name of officer or agent) as Vice President (title of officer or agent) of the Corporation on behalf of the Corporation, pursuant to the powers conferred upon him/her by the Corporation. He/she personally appeared before me at the time of notarization, and is personally known to me or has produced _____ as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects. Subscribed and sworn to (or affirmed) before me this 17th day of March 2025 (Date) Ronda L. Resinger (Official Notary Signature and Notary Seal) Ronda L. Resinger (Name of Notary typed, printed or stamped) Commission Number HH 376246 Commission Expiration Date 20 March 2027



ACKNOWLEDGEMENT OF FIRM, IF AN INDIVIDUAL
 STATE OF _____ County OF _____
 The foregoing instrument was acknowledged before me by means of physical presence or online notarization this _____ (Date) By _____ (Name of acknowledging) who personally appeared before me at the time of notarization, and is personally known to me or has produced _____ as identification and did certify to have knowledge of the matters in the foregoing instrument and certified the same to be true in all respects. Subscribed and sworn to (or affirmed) before me this _____ (Date) _____ (Official Notary Signature and Notary Seal) _____ (Name of Notary typed, printed or stamped) Commission Number _____ Commission Expiration Date _____

ACKNOWLEDGEMENT OF FIRM, IF A PARTNERSHIP

STATE OF _____ County OF _____

The foregoing instrument was acknowledged before me by means of physical presence or online notarization this _____ (Date) by _____

_____ (Name of acknowledging partner or agent) on behalf of _____

_____ a partnership. He/She personally appeared before me at the time of notarization,

and is personally known to me or has produced _____ as

identification and did certify to have knowledge of the matters in the foregoing

instrument and certified the same to be true in all respects. Subscribed and sworn to (or

affirmed) before me this _____ (Date) _____

_____ (Official Notary Signature and Notary Seal)

_____ (Name of Notary typed, printed or stamped)

Commission Number _____ Commission Expiration Date _____

Affidavit Regarding the Use of Coercion for Labor or Services

In compliance with Section 787.06(13), Florida Statutes, this attestation must be completed by an officer or representative of a nongovernmental entity that is executing, renewing, or extending a contract with Polk County, a political subdivision of the State of Florida.

The undersigned, on behalf of the entity listed below (the "Nongovernmental Entity"), hereby attests under penalty of perjury as follows:

1. I am over the age of 18 and I have personal knowledge of the matters set forth herein.
2. I currently serve as an officer or representative of the Nongovernmental Entity.
3. The Nongovernmental Entity does **not** use coercion for labor or services, as those underlined terms are defined in Section 787.06, Florida Statutes.
4. This declaration is made pursuant to Section 92.525, Fla. Stat. and Section 787.06, Fla. Stat. I understand that making a false statement in this declaration may subject me to criminal penalties.

Under penalties of perjury, I Todd K. Kafka, Vice President (Signatory Name and Title), declare that I have read the foregoing Affidavit Regarding the Use of Coercion for Labor and Services and that the facts stated in it are true.

Further Affiant sayeth naught.

Geosyntec Consultants, Inc.
NONGOVERNMENTAL ENTITY

Todd K. Kafka
SIGNATURE

Todd K. Kafka
PRINT NAME

Vice President
TITLE

17 March 2025
DATE



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by Entity Name](#) /

Detail by Entity Name

Florida Profit Corporation
GEOSYNTEC CONSULTANTS,INC.

Filing Information

Document Number	G72454
FEI/EIN Number	59-2355134
Date Filed	12/01/1983
State	FL
Status	ACTIVE
Last Event	CORPORATE MERGER
Event Date Filed	05/10/2022
Event Effective Date	05/18/2022

Principal Address

777 Yamato Road, Ste 600
BOCA RATON, FL 33431

Changed: 11/13/2024

Mailing Address

777 Yamato Road, Ste 600
BOCA RATON, FL 33431

Changed: 11/13/2024

Registered Agent Name & Address

Corporation Service Company
1201 Hays Street
Tallahassee, FL 32301

Name Changed: 01/10/2020

Address Changed: 04/23/2024

Officer/Director Detail

Name & Address

Title PRACTICE OFFICER

NEMURA, ADRIENNE
900 BROKEN SOUND PARKWAY NW
SUITE 200
BOCA RATION, FL 33487

Title VICE PRESIDENT

GROSSMAN, AIMEE
900 BROKEN SOUND PARKWAY NW
SUITE 200
BOCA RATION, FL 33487

Title PRACTICE OFFICER

HUSSAIN, AMER
900 BROKEN SOUND PARKWAY NW
SUITE 200
BOCA RATION, FL 33487

Title VICE PRESIDENT

MONTGOMERY, ANDREW
1255 ROBERTS BLVD NW, SUITE 200
KENNESAW, GA 30144

Title PRACTICE OFFICER

ORR, AUSTIN
900 BROKEN SOUND PARKWAY NW
SUITE 200
BOCA RATION, FL 33487

Title VICE PRESIDENT

MILLER, BRENT
520 PIKE STREET, SUITE 2600
SEATTLE, WA 98101

Title VICE PRESIDENT

HITCHENS, BRIAN
900 BROKEN SOUND PARKWAY NW
SUITE 200
BOCA RATION, FL 33487

Title VICE PRESIDENT

PETTY, BRIAN
2100 MAIN ST, SUITE 150
HUNTINGTON BEACH, CA 92648

Title PRACTICE OFFICER

BIRD, CHAD
900 BROKEN SOUND PARKWAY NW
SUITE 200
BOCA RATON, FL 33487

Title VICE PRESIDENT

ROBB, CHRIS
900 BROKEN SOUND PARKWAY NW
SUITE 200
BOCA RATON, FL 33487

Title VICE PRESIDENT

PETROPOULOU, CHRISO
134 NORTH LASALLE ST, SUITE 300
CHICAGO, IL 60602

Title VICE PRESIDENT

GOKMEN, CUNEYT
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Title PRACTICE OFFICER

DOWDY, DAN
900 BROKEN SOUND PARKWAY NW
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Title VICE PRESIDENT

LANIER, DANIEL
900 BROKEN SOUND PARKWAY NW
SUITE 200
BOCA RATON, FL 33487

Title DIRECTOR

FOLEY, DAVID
345 PARK AVENUE
NEW YORK, NY 10154

Title PRACTICE OFFICER

MORLEY, DEREK
900 BROKEN SOUND PARKWAY NW
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BOCA RATON, FL 33487

Title ASSISTANT SECRETARY, EXECUTIVE VICE PRESIDENT

LARSON, DOUG
289 GREAT RD, SUITE 202
ACTON, MA 01720

Title VICE PRESIDENT

MODLIN, ELAINA
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SUITE 200
BOCA RATON, FL 33487

Title VICE PRESIDENT

KOVICH, ERIC
900 BROKEN SOUND PARKWAY NW
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BOCA RATON, FL 33487

Title EXECUTIVE VICE PRESIDENT

COX, EVAN
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BOCA RATON, FL 33487

Title PRACTICE OFFICER

BAZEMORE, GARY
900 BROKEN SOUND PARKWAY NW
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Title ASSISTANT SECRETARY, EXECUTIVE VICE PRESIDENT

CORCORAN, GREG
16644 WEST BERNARDO DRIVE, SUITE 301
SAN DIEGO, CA 92127

Title PRACTICE OFFICER

HANSELL, HEATH
900 BROKEN SOUND PARKWAY NW
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Title VICE PRESIDENT

HASELTON, HENRY

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BOCA RATION, FL 33487

Title PRACTICE OFFICER

RICHARDSON, IAN

900 BROKEN SOUND PARKWAY NW
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BOCA RATION, FL 33487

Title ASSISTANT SECRETARY, VICE PRESIDENT

LANGENBACH, JAMES

900 BROKEN SOUND PARKWAY NW
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BOCA RATION, FL 33487

Title VICE PRESIDENT

DOTSON, JAMEY

900 BROKEN SOUND PARKWAY NW
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Title CHIEF HUMAN RESOURCES DIRECTOR, EXECUTIVE VICE PRESIDENT

PLAUCHE-BROWN, JENNIFER

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Title PRACTICE OFFICER

KOCIJAN, JERKO

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BOCA RATION, FL 33487

Title PRACTICE OFFICER

VARSHO, JESSE

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YEAGER, JESSICA
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Title VICE PRESIDENT

DEITSCH, JIM
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Title PRACTICE OFFICER

SEYMOUR, JOHN
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VAN BENSCHOTEN, JOHN
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Title EXECUTIVE VICE PRESIDENT

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Title CHIEF FINANCIAL OFFICER, EXECUTIVE VICE PRESIDENT

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Title EXECUTIVE VICE PRESIDENT, GENERAL COUNSEL, SECRETARY

RATTRAY, JORDAN
3011 WEST GRAND BLVD
DETROIT, MI 48202

Title EXECUTIVE VICE PRESIDENT

KOSIAREK, KAREN
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Title VICE PRESIDENT

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LOS ANGELES, CA 90034

Title VICE PRESIDENT

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Title VICE PRESIDENT

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Title ASSISTANT SECRETARY, EXECUTIVE VICE PRESIDENT

OTHMAN, MAJDI
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3504 LAKE LYNDA DRIVE, SUITE 155
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HANN, MARK
448 SOUTH HILL STREET, SUITE 1008
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BARDOL, MATTHEW
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MCMASTER, MICHAYE
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BOCA RATON, FL 33487

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COLUMBIA, MD 21044

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930 HARVEST DRIVE, SUITE 220
BLUE BELL, PA 19422

Title VICE PRESIDENT

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OAKLAND, CA 94607

Title VICE PRESIDENT

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Title PRACTICE OFFICER

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Title VICE PRESIDENT

SAVATINI, PAUL
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OAK BROOK, IL 60523

Title VICE PRESIDENT

DE HAVEN, PETER
2501 BLUE RIDGE RD, SUITE 430
ATRIUM AT BLUE RIDGE
RALEIGH, NC 27607

Title CHAIRMAN, CHIEF EXECUTIVE OFFICER, DIRECTOR, PRESIDENT

ZEEB, PETER
289 GREAT RD
ACTON, MA 01720

Title VICE PRESIDENT

BRANDT, RANDY
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WELCH, REGAN
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JOHNSON, RON
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Title EXECUTIVE VICE PRESIDENT

BONAPARTE, RUDOLPH
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BOCA RATON, FL 33487

Title VICE PRESIDENT

FORBESS, SCOTT
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Title PRACTICE OFFICER

GRAVES, SCOTT
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RAGAIN, SEAN
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PORTLAND, OR 97205

Title VICE PRESIDENT

FOUNTAIN, STEFANIE
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Title VICE PRESIDENT

POIRIER, STEVE
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FLYNN, TIMOTHY
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BOCA RATION, FL 33487

Title VICE PRESIDENT

KAFKA, TODD
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Title VICE PRESIDENT

PHLEGAR, W. SAMUEL
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BOCA RATION, FL 33487

Annual Reports

Report Year	Filed Date
2023	01/04/2023
2024	04/23/2024
2024	04/30/2024

Document Images

04/30/2024 -- AMENDED ANNUAL REPORT	View image in PDF format
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[04/04/1995 -- ANNUAL REPORT](#)

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Exhibit Ai

RFP NOTICE

Polk County, a political subdivision of the State of Florida, requests the submittal proposals from vendors that are interested in providing engineering and design services for a Class I final cap at the Polk County Southeast Landfill as described herein. Sealed proposals must be received in the Procurement Division, prior to the due date and time listed below.

RFP Number and Title: 24-654, Polk County Southeast Landfill Engineering Services

Description: Provide engineering and design services for a Class I final cap at the Polk County Southeast Landfill.

Receiving Period: Prior to 2:00 p.m., Wednesday, November 13, 2024

Bid Opening: Wednesday, November 13, 2024, at 2:00 p.m. or as soon as possible thereafter.

This form is for RFP registration only. Please scroll down for additional information.

Special Instructions: A **MANDATORY** pre-proposal meeting will be held Monday, October 28, 2024, 1:00 p.m. at the Solid Waste Administration building, located at 10 Environmental Loop S, Conference Room, Winter Haven, FL 33880. An authorized representative or agent of the Proposer must be present at this meeting in person or via conference call through Zoom, as evidenced by their signature on the meeting's sign-in sheet, or the Proposer's proposal will be considered non-responsive. Those attending via Zoom will be added to the sign-in sheet by the Procurement office during the meeting. The Zoom meetings information is listed below.

Link: <https://us02web.zoom.us/j/83920011288?pwd=QSbci20uBN2wbRDZNEGfluEwMvqkgA.1>

Phone Number: 305-224-1968

Meeting ID: 839 2001 1288

Passcode: 129090

To obtain a copy of Exhibit A – Aerial Photo, Exhibit B – Historical Drawings: Closed Fill Area, Exhibit – C 2024 Passive Vents, and Exhibit D – FDEP Solid Waste LTC Permit please go the following FTP site: <https://ftp3.polk-county.net>, you will be prompted for a User ID and Password. The User ID is *procurevendor* and the password is *solicitation*. After you have logged in to the FTP site, double click on the file folder “**RFP 24-654, Polk County Southeast Landfill Engineering Services.zip**”, select “Open” or “Save As” to download the documents. If you need assistance accessing this website due to ADA or any other reason, please email Ken Brush at kenbrush@polk-county.net.

Questions regarding this RFP must be in writing and must be sent to Ken Brush, Procurement Contracts Manager, via email at kenbrush@polk-county.net or via fax at (863) 534-6789. All questions must be received by, Monday, November 4, 2024, 4:00 p.m.

RFP REGISTRATION

You must register using this form in order to receive notice of any addenda to these documents. Please fax the completed form to the Procurement Division as soon as possible. It is the vendor's responsibility to verify if addenda have been issued.

RFP Number: 24-654

RFP Title: Polk County Southeast Landfill Engineering Services

This form is for bid registration only. Please scroll down for additional information.

Carefully complete this form and return it to the Procurement Division via e-mail to procurement@polk-county.net or fax (863) 534-6789. You must submit one form for each solicitation that you are registering for.

Company Name: _____

Contact Name: _____

Mailing Address: _____

City: _____

State: _____

Zip Code: _____

Phone Number: _____

Email: _____

PROPOSAL SUBMITTAL INSTRUCTIONS

Proposers must submit their proposal prior to 2:00 p.m. on the receiving date. Proposals must be submitted in a “sealed” parcel or electronically through Polk County’s secure website, Kiteworks. Proposals will be publicly opened at 2:00 p.m. on the receiving date.

Sealed Parcel Submittal:

If you are submitting a sealed parcel proposal submit one (1) original marked ORIGINAL and five (5) copies marked COPY of the proposal in a sealed parcel to the Procurement Division. The parcel should be labeled “RFP #24-654, Polk County Southeast Landfill Engineering Services” and marked with the proposer’s name and address. The Proposals may be mailed or delivered to:

**Polk County Procurement Division
330 West Church Street, Room 150
Bartow, FL 33830**

To assist with labeling the sealed parcel, please cut along the outer border and affix this label. Be sure to include the name of the company submitting the proposal where requested.

Sealed Proposal. DO NOT OPEN	
RFP Number	24-654
RFP Title	Polk County Southeast Landfill Engineering Services
Due Date/Time:	November 13, 2024, prior to 2:00 pm
Submitted by:	
Deliver To:	Polk County Procurement Division 330 West Church Street, Room 150, Bartow, Florida 33830

Proposals may be mailed, express mailed or hand delivered. It is the Proposers responsibility to ensure their package is delivered to the Procurement Division prior to 2:00 p.m. on the Receiving date and time referenced above. Proposals delivered at 2:00 p.m. or later will not be accepted.

Electronic Proposals Submittal:

All prospective Proposers that are interested in submitting their proposals electronically can do so via the County’s secure electronic submittal website, Kiteworks. Proposers must email kenbrush@polk-county.net at least 48 hours prior to opening to receive a link to upload their submittal. Please only upload your documents as a PDF or Excel file for the Cost Tab, if applicable. Please use the name convention of your files as follow:

“RFP 24-654 Tab 1”

“RFP 24-654 Tab 2”

“RFP 24-654 Tab 3”

“RFP 24-654 Tab 4”

“RFP 24-654 Tab 5”

“RFP 24-654 Tab 6”

“RFP 24-654 Tab 7”

“RFP 24-654 Tab 8”

For more instructions, a video tutorial has been produced to further explain the electronic solicitation submittal process. It can be found by clicking here for RFP Submittals: https://youtu.be/vkn_7AHgioE. If you need assistance accessing this website due to ADA or any other reason, please email Ken Brush at kenbrush@polk-county.net.

Procurement recommends that Proposers submitting electronically double check the documents submitted into Kiteworks to ensure all requested tab information has been uploaded. Failure to upload the requested tab information may result in the proposal being deemed nonresponsive.

POLK COUNTY
Procurement Division
Fran McAskill
Procurement Director
REQUEST FOR PROPOSAL 24-654

Polk County Southeast Landfill Engineering Services

Sealed proposals will be received in the Procurement Division, Wednesday, November 13, 2024, **prior to 2:00 p.m.**

Attached are important instructions and specifications regarding responses to this Request for Proposal (the "RFP"). The failure of a responding proposer (a "Proposer") to follow these instructions could result in Proposer disqualification from consideration for a contract to be awarded pursuant to this RFP.

This document is issued by Polk County (the "County") which is the sole distributor of this RFP and all addenda and changes to the RFP documents. The County shall record its responses to inquiries and provide any supplemental instructions or additional documents pertaining to this RFP in the form of written addenda to the RFP. The County shall post all such addenda, together with any other information pertaining to this RFP, on the County's website at <http://www.polk-county.net/boccsite/doing-business/bids/>. It is the sole responsibility of each Proposer to review the website prior to submitting a responsive proposal (a "Proposal") to this RFP to ensure that that the Proposer has obtained all available instructions, addenda, changes, supporting documents, and any other information pertaining to this RFP.

The County is not responsible for any solicitations issued through subscriber, publications, or other sources not connected with the County and the Proposer should not rely on such sources for information regarding the RFP solicitation.

Questions regarding this RFP must be in writing and must be sent to Ken Brush, via email at kenbrush@polk-county.net or via fax at (863) 534-6789. All questions must be received by Monday, November 4, 2024, 4:00 p.m.

Proposers and any prospective Proposers shall not contact, communicate with or discuss any matter relating in any way to this RFP with any member of the Polk County Board of County Commissioners or any employee of Polk County other than the County Procurement Director or the individual designated above. This prohibition begins with the issuance of the Request for Proposal and ends upon execution of a contract. Any such communication initiated by a Proposer or prospective proposer shall be grounds for disqualifying the offender from consideration for a contract to be awarded pursuant to this RFP and for contracts to be awarded pursuant to RFPs or Requests for Bid that the County may issue in the future.

A Proposer's responsive Proposal to this RFP may be mailed, express mailed, or hand delivered to:

Polk County Procurement Division
330 West Church Street, Room 150
Bartow, Florida 33830
(863)534-6757

INTRODUCTION

Polk County, a political subdivision of the State of Florida seeks professional engineering services for design services for the Solid Waste Division's Southeast Landfill. The project includes design and permitting of engineering controls and remedial measures to address volatile organics in groundwater at the site. These engineering controls and remedial measures may include, but not be limited to a final cover system that meets the requirements of Chapter 62-701, F.A.C., for Class I solid waste landfills and the design of a groundwater treatment system to treat volatile organics in groundwater. Professional services for the project may include geotechnical investigations, hydrogeological investigations, landfill final cover and groundwater treatment system design, permitting, preparation of bid documents, bid phase services, construction administration and management services, construction observation, construction quality assurance, and associated reporting. Actual services will be negotiated as part of "Selection Process", Elevation Level 4, Contract Negotiations.

Polk County's Selection Process for consultants' services is in accordance with Section 287.055, Florida Statutes, the Consultants' Competitive Negotiations Act ("CCNA"). The Professional Services Selection Committee will review the qualifications of all submitting firms.

It is the intent of the County to select and negotiate a Consulting Agreement with one (1) firm.

The County will negotiate a fee schedule and or overall lump sum price as part of "Selection Process", Elevation Level 4, Contract Negotiations.

Services under this contract will be in compliance with Section 287.055 of the Florida Statutes referred to as the "Consultants' Competitive Negotiation Act" (CCNA). Polk County's Procurement Procedure's Manual outlines the Procedures for Contracting for Professional Services Covered by CCNA. These procedures outline the process used for the selection of a consulting firm awarded through this RFP process.

In accordance with Section 287.055(10), Florida Statutes, or any applicable amending or replacement statute, this provision of the RFP shall serve as the County's public notice that any plans, drawings or designs developed by the successful Proposer(s) on behalf of the County pursuant to this RFP or any agreement, authorization, purchase order or other contract resulting therefrom, are subject to be reused by the County at some future time in accordance with the aforementioned statute.

All services must be performed in accordance with applicable Federal, State and Local regulations.

BACKGROUND, PURPOSE AND SCOPE

Background & Purpose:

Owned and operated by the Polk County Board of County Commissioners, the Southeast Landfill property is located on Golfview Cutoff Road near Backbone Road in Babson Park, Polk County, Florida. It is located approximately 1.7 miles south of State Road 60 and 3.7 miles east of US Highway 27. With the official date of closing on December 8, 2008, the property includes a 17-acre closed lined Class I landfill area and a 21.8 area unlined Class I landfill area.

In October of 1991, the western 10-acre portion of the unlined Class I disposal area was covered with a final cover system consisting of (bottom to top): 12" soil sub-grade, 40-mil polyethylene geomembrane, 24" protective vegetated soil cover. Landfill gas is passively vented from this area. The eastern portion of the unlined Class I disposal area is approximately 12 acres and does not have an impermeable final cover but is only covered by native soil and vegetation.

Since the site's official date of closing in 2008, the site has been monitored and maintained in accordance with Florida Department of Environmental Protection (FDEP) rules and the site's permit, currently permit number 36070-010-SF/14.

On February 28, 2019, the Polk County Solid Waste Division (PCSWD) submitted a Groundwater Assessment Plan to FDEP to assess exceedances in groundwater standards for several of the on-site monitoring wells. After an in-depth investigation and discussion with FDEP, PCSWD determined that engineering controls and remedial measures are required to mitigate the impacts to groundwater. These engineering controls could include installation of an impermeable final cover on the eastern portion of the unlined Class I Landfill. The impermeable cover would prevent the intrusion of stormwater into the waste thereby reducing leachate generation and improving ground water quality. In lieu of engineering controls (i.e. geosynthetic final cover), source removal may also be considered.

In addition to design, permitting and construction of an engineering control (e.g. impermeable final cover), remedial measures (e.g., groundwater treatment system) will also be needed to remediate volatiles in groundwater.

In March 2024, PCSWD procured drilling services for the installation of (3) three passive vent wells for the purpose of determining if solid waste was disposed in groundwater. The vent wells were constructed similarly to passive gas vents. In the future, these wells may be utilized for a groundwater remediation application.

SCOPE OF SERVICES

Professional Services to be provided under this RFP may include, but are not limited to geotechnical investigations, hydrogeological investigations, landfill final cover design, groundwater remediation system design, acquisition of permits, preparation of bid documents, bid phase services, construction administration and management, construction observation, construction quality assurance services, and associated reporting. The work may include

conceptual studies, feasibility studies, preliminary assessments, and cost estimates.

Issues important to PCSWD for the design of the final cover: cost effectiveness of design, stormwater management, minimal maintenance and long-term performance. Innovative cover designs that integrate with the proposed groundwater remediation system should be considered.

The groundwater treatment system must remediate volatiles (e.g. benzene) in groundwater to meet state water quality standards at the site property boundary or other Point of Compliance approved by the Florida Department of Environmental Protection. Various remedial measures options should be presented in response to this RFP.

Anticipated services may require, but are not limited to, the listed areas of expertise. Firms must demonstrate qualification and specific experience in the following listed areas:

Anticipated Services

- Estimate design, permitting, construction and operational costs for different engineering controls, source removal and remediation options.
- Prepare and successfully obtain applicable Local, State, and Federal permits or authorizations.
- Design a ground water remediation system or other remedial measures.
- Design a landfill final cover for the specified area.
- Prepare permit applications, plans, specifications, engineering calculations, cost estimates, and construction Bid documents.
- Perform bid assistance services.
- Perform construction contract administration and management.
- Ensure all work shall conform to all applicable Federal, State and Local regulations
- Provide Construction Quality Assurance (CQA) activities and associated reporting.
- Evaluate various treatment systems to remediate volatiles in groundwater. Design a cost-effective system that is easy to operate, maintain and manage. To design the system, hydrogeologic and/or geotechnical investigations may be required.
 - Geotechnical Investigation – Planning and implementation of drilling and sample gathering using mechanical drilling and hand methods or electronic techniques. Field and laboratory analyses and classification of samples using ASTM, AASHTO, and FDOT Standards. Engineering evaluation of the data in support of proposed engineering controls and remedial measures.

- Hydrogeological Investigation/Design – Estimates of groundwater elevations, volumes, migration, and diffusion using computerized models. Recovery and/or treatment of groundwater using conventional and non-conventional methods such as stripping columns, sparging, in-situ remediation, etc. Planning and implementation of groundwater and/or leachate sampling. Collection of water samples from wells for evaluation and testing.
- Remediation System – Collect leachate and groundwater samples, complete field testing, and evaluate data to design the treatment system. Design, permit, and oversee startup of remediation system.

Compliance with Regulations

The Polk County Solid Waste Division Southeast Landfill was constructed, operated and closed in compliance with permits issued by: Florida Department of Environmental Protection (FDEP) divisions of Waste Management including Solid Waste Section and Waste Cleanup Section, Air Resource Management, Environmental Resource Permitting (ERP), National Pollutant Discharge Elimination System (NPDES), Multi-Sector General Permit (MSGP), Southwest Florida Water Management District (SWFWMD), and Florida Department of Health.

The following documents are available for download on our FTP Site:

- Exhibit A – Aerial Photo
- Exhibit B – Historical Drawings: Closed Fill Area
- Exhibit C – 2024 Passive Vents
- Exhibit D - FDEP Solid Waste LTC Permit

This is a list of documents that may be relevant for the design and engineering services to be provided under this RFP is not exhaustive. Additional information can be found at the Florida Department of Environmental Protection (FDEP) website: <https://depedms.dep.state.fl.us/Oculus/servlet/login>

- Solid Waste Program [Facility-Site ID: 49723]

AGREEMENT

The term of this agreement is estimated to be for five (5) years. The actual term will be negotiated as part of the Selection Process, Elevation Level 4.

EVALUATION CRITERIA

Proposals should not contain information in excess of that requested, must be concise, and must specifically address the issues of this RFP. Unnecessarily elaborate brochures or other presentations beyond those sufficient to present a complete and effective response to this RFP are not desired and may be construed as an indication of the Proposer's lack of cost consciousness. Elaborate artwork, expensive visual aids, and other presentation aids are neither necessary nor desired unless specifically requested. The Proposal responses shall be contained within a three-ring binder (original and each copy in separate binders). For the purposes of this RFP, one page equals a single sided page. It is requested that the responses be in the same order as the selection and evaluation procedures. The submittals should include the following:

Tab 1 – Executive Summary (Items a-c: Maximum of two (2) pages)

- a) Contact Name, company name, address, telephone number, and email address.
- b) State the number of years in business, as the same company/firm.
- c) Provide documentation showing proper incorporation by the Secretary of State.
- d) Provide a copy of the firm's applicable certification(s) from the State of Florida allowing them to provide the services as outlined in the Scope of Service as well as compliance with F.S. 287.055.

Tab 2 – Approach to Project (35 Points) (Maximum of four (4) pages)

- Provide a short narrative project approach outlining how you propose to respond to and manage this project.
- Provide a short narrative approach outlining options for the engineering controls (e.g. liner cap) or source removal options and remediation system recommendations. Please provide a minimum of two (2) and a maximum of four (4) such options. **(Limit response to two (2) pages per option)**
 - For each option identified please provide the following:
 - Description of the option to include desired result
 - Identify pros and cons of the option
 - Preliminary project timeline
 - Any additional information that might be relevant

Examples of options may include, but are not limited to, excavation and removal of the waste and contaminated soils (no final cover needed), final cover on landfill with air sparging, soil vapor extraction or groundwater pump and treat system.

Tab 3 – Experience, Expertise, Personnel & Technical Resources (35 Points)

Engineering Controls or Source Removal Experience

- Provide a minimum of three (3) and a maximum of five (5) projects performed within the past eight (8) years for which your firm performed engineering design and permitting services for landfill final cover construction or Class I solid waste excavation (i.e. landfill mining) of similar size and scope. At least two of the projects identified should be projects performed for public entities in the State of Florida. **(Limit response to one (1) page per project)**

Groundwater Remediation System Experience

- Provide a minimum of two (2) and maximum of five (5) projects performed within the last five (5) years for which your firm provided engineering design and permitting services for a groundwater remediation system for removing volatiles from groundwater. All projects must have been performed in the State of Florida. **(Limit response to one (1) page per project)**
- For each project identified please provide the following:
 - a. Identify if the project is for Engineering Controls/Source Removal or Groundwater Remediation Experience
 - b. Name and location of the project
 - c. Brief description of the project
 - d. Project representative name, address, phone number, and email address
 - e. Size and cost of the project
 - f. Contract start and end date
 - g. Date associated construction project was started and completed or is anticipated to be completed
 - h. List any time extension and the reasoning for the extension
 - i. If the construction project has been completed, please identify how long has it been operating and if it has been successful
 - j. Brief description of the Proposer's role/responsibility in the project
 - k. Brief description of any innovative approaches the Proposer used in designing the project
 - l. Identify the key staff assigned and their role in the project
 - m. Provide the original budget and the final budget of the project. Explain the reason(s) for differences, such as owner requested change, contractor claim, and insufficient plans and specifications.
- Provide an organizational chart of the Proposer's team highlighting the key individuals who will be assigned to this project as outlined in the RFP.
- The key staff identified shall be the staff assigned to manage and work on the resulting agreement with Polk County. Please provide the resumes of the key staff identified above. Please ensure to identify which team member will be

assigned as the Project Manager for the engineering firm. **(Limit response to one (1) page per resume)**

Resumes should include at a minimum:

- a) Name and title of team member
 - b) Expected role in the Polk County project
 - c) Listing of similar scope of work projects, the team member has worked on to include:
 - a. entity the project was performed for
 - b. brief description of the project to include any innovative approaches
 - c. their role in the project
 - d. start and end date of the project agreement
 - e. total dollar amount of the project agreement.
- Demonstrate each key staff's availability to include office and home location to respond to the needs of the project **(Maximum of one (1) page for all key staff members)**
 - Identify sub consultants to be used, if any. For each sub consultant identified please provide. **(Maximum of one (1) page for each sub consultant identified)**
 - Name of the sub consultant
 - Brief description of the services they will be providing for the Proposer
 - Sub consultant locations that can be utilized to expedite a deliverable if required.
 - A brief description of their experience outlining their qualifications to perform the intended services for the Proposer
 - A brief resume for each key personnel that will be assigned to perform the intended services on behalf of the sub consultant.

Tab 4 Is the Firm a “Polk County Entity”? (5 Points)

- There will be a maximum of five (5) points allocated for this Tab. If the Proposer is a Polk County Entity, then five (5) points will be allocated. If the Proposer is not a Polk County Entity but is utilizing one or more sub-consultants that are a Polk County Entity to assist in performing the scope of work, then the Proposal will be allocated one (1) point for each sub-consultant which is a Polk County Entity up to a maximum of five (5) points. The Polk County Entity sub-consultant(s) must have been identified under Tab 3, Experience, Expertise, Personnel and Technical Resources in order to qualify for point allocation.
- Provide documentation of the Proposers' headquarters and local offices, if any, and the amount of time the firm has been located at each such local office. Please also indicate the number of employees at the local office.

- Provide documentation of the sub-consultant’s headquarters and local offices, if any, and the amount of time the sub-consultant has been located at each such local office. Please also indicate the number of employees at the local office.
- Proposers or sub-consultants will be allocated points if they meet the following Polk County Government definition of Polk County Entity.
 - The term “Polk County Entity” means any business having a physical location within the boundaries of Polk County, Florida, at which employees are located and business activity is managed and controlled on a day-to-day basis. Additionally, the business must have been located within the boundaries of Polk County for a minimum of 12 months prior to the date the applicable solicitation is issued. This requirement may be evidenced through a recorded deed, an executed lease agreement, or other form of written documentation acceptable to the County. The County shall have the right, but not the obligation, to verify the foregoing requirements.
- In the event a Proposer lists one or more sub-consultants in Tab 4 which is a Polk County Entity and receives point(s) as a result, and after the Proposer is awarded the project, if successful, it is determined that the listed sub-consultant does not assist in the performance of the scope of work (and is not replaced with an alternative sub-consultant which is a Polk County Entity), then the Proposer acknowledges and agrees that it may be suspended or debarred by the Procurement Director for failure to comply with the conditions, specifications or terms of a proposal or contract with the County or for committing a fraud or misrepresentation in connection with a proposal or contract with the County, in accordance with the Polk County Purchasing Ordinance and Procedures Manual.

Tab 5 Is the Firm a “Certified Woman or Minority Business Enterprise” (5 Points)

- Polk County Board of County Commissioners has a long-standing commitment to encouraging the utilization of Women and Minority Businesses that do business with the County as vendors. To that end we encourage all of our prime and professional services vendors to utilize W/MBE vendors where at all possible, irrespective of a company’s certification status. Please explain how the submitting firm will encourage minority participation in the project. **(Limit response to one page)**
- There will be a maximum of five (5) points allocated for this tab. If the Proposer is a Woman or Minority owned business, then five (5) points will be allocated. If the Proposer is not a Woman or Minority owned business but is utilizing one or more sub-consultants that are a Women or Minority owned business to assist in performing the scope of work, then the Proposal will be allocated one (1) point for each sub-consultant which meets the County’s certification criteria of Women or Minority owned, up to a maximum of five (5) points. The Woman or Minority owned business sub-consultant(s) must have been identified under Tab 3, Experience, Expertise, Personnel and Technical Resources in order to qualify for point allocation.

- Proposers or sub-consultants will be allocated points if they are a certified W/MBE as evidenced by providing the documentation described below.
- If the Proposer or sub-consultant has a certified W/MBE status, provide documentation of the firms' certified W/MBE status as defined by the Florida Small and Minority Business Act and as defined in Polk County's Purchasing Procedures. Polk County's Purchasing Procedures recognize the following to meet the requirement of a certified W/MBE status:
 - Valid W/MBE Certification from one of the following:
 - Florida Minority Supplier Development Council
 - Women Business Enterprise National Council
 - The State of Florida Office of Supplier Diversity
 - Florida Department of Transportation
 - U. S. Small Business Administration
 - Federal Aviation Authority
 - Other Florida governmental agencies

Certifications from other governmental agencies will be considered on a case-by-case basis.

- In the event a Proposer lists one or more sub-consultants in Tab 5 which is a Women or Minority owned business and receives point(s) as a result, and after the Proposer is awarded the project, if successful, it is determined that the listed sub-consultant does not assist in the performance of the scope of work (and is not replaced with an alternative sub-consultant which is a Women or Minority owned business), then the Proposer acknowledges and agrees that it may be suspended or debarred by the Procurement Director for failure to comply with the conditions, specifications or terms of a proposal or contract with the County or for committing a fraud or misrepresentation in connection with a proposal or contract with the County, in accordance with the Polk County Purchasing Ordinance and Procedures Manual.

Tab 6 – Interaction with County and Regulatory Agency Staff (5 Points)

- Provide documentation supporting the specialized qualifications of the proposed staff in terms of meeting this scope of service. Qualifications should highlight experience with regulatory agencies, identifying specific agencies and the items being addressed, including solid waste management facility construction permitting, stormwater management permitting, consultation, governing regulations; and other related activities. Describe the firm's ability to work with the County's Solid Waste, Procurement Division, Building Division, Codes Division, and County Attorney's Office staff in order to successfully fulfill the scope of service. Demonstrate the firm's knowledge of permitting process, as well as local regulatory agencies, including, but not limited to SWFWMD and FDEP. **(Limit response to one (1) page)**

Tab 7 – Timely Completion of Projects (5 Points)

- Describe the firms’ current and future projected workload. Describe specifically the firms’ daily ability to handle each aspect of the scope of services described herein. **(Limit response to two (2) pages maximum)**

Tab 8 – Surveys of Past Performance (10 Points)

- Provide reference surveys from past clients for all projects identified under Tab 3.
- Completed surveys. (See Exhibit 1) Procurement will take the average of all surveys and score as follows
 - Average Score between 9-10 10 Points
 - Average Score between 7-8 8 Points
 - Average Score between 5-6 6 Points
 - Average Score between 3-4 4 Points
 - Average Score between 1-2 2 Points
 - Average Score of 0 0 Points

BID OPENING

Proposers attend the Bid Opening in person or via conference call by dialing (646) 558-8656 and enter Meeting ID: 327 647 2818. A listing of all proposers will be posted to Procurement’s website as soon as possible after bid opening.

Selection Process

Proposals will be evaluated in accordance with this section and all applicable County procurement policies and procedures.

The County shall appoint a selection committee (the “Selection Committee”) that will be responsible for evaluating and scoring/ranking the Proposals in accordance with this Section.

The County will use a competitive selection process based on the Elevation Levels described in this Section. At Elevation Levels 2 and 3, the Selection Committee will score and/or rank the Proposals as applicable.

Selection of a final Proposal will be based upon the following steps and factors:

Elevation Level 1 (Procurement Requirements Assessment):

- The County Procurement Division shall review all Proposals for conformance with RFP guidelines and detailed submittal requirements. At the County’s discretion, non-conforming Proposals may be eliminated from further consideration and conforming Proposals shall be elevated to Elevation Level 2. Procurement will distribute Proposals and evaluation criteria to the Selection Committee.
- Procurement will also ensure all firms meet the requirement of certification as outlined in Florida Statute 287.055(3)(c).
- The Selection Committee may convene to review questions that arise during individual member review of submitted Proposals before Elevation Level 2 to

allow for questions, clarifications, explanations, or other discussion to be held before the review of Proposals is completed.

Elevation Level 2 (Scoring)

- Procurement shall score each Proposal on the following evaluation criteria:
 - Local (Tab 4) 5 Points
 - W/MBE Certification (Tab 5) 5 Points
 - Surveys of Past Performance (Tab 8) 10 Points
 - Subtotal Points 20 Points

by the process stated under each corresponding Tab description as set forth on Pages 11-15.

- 1) Each Selection Committee member shall score each Proposal on the following evaluation criteria:
 - Approach to Project (Tab 2) 35 Points
 - Experience, Expertise, (Tab 3) 35 Points
Personnel, and Technical Resources
 - Interaction w/ County & Regulatory (Tab 6) 5 Points
Agencies
 - Timely Completion of Projects (Tab 7) 5 Points
 - Subtotal Points 80 points

by the following process:

- 1) Each Selection Committee member shall determine which of the following descriptions applies to each of the foregoing evaluation criteria:
 - EXCELLENT (1.0): Of the highest or finest quality; exceptional; superior; superb; exquisite; peerless.
The Proposer provided information for a given criteria that satisfied the requirements and described specifically how and what will be accomplished in such a manner that exhibited an exceptional and superior degree of understanding, skill, and competency, both qualitatively and quantitatively. The facts included in the narrative (including all supporting documentation, diagrams, drawings, charts, and schedules, etc.) demonstrate the Proposer’s ability to perform and deliver far beyond expectation.
 - VERY GOOD (0.8): To a high degree; better than or above competent and/or skillful.
The Proposer provided information for a given criteria that satisfied the requirements and described specifically how and what will be accomplished in such a manner that exhibited a very high degree of understanding, skill, and competency, both qualitatively and quantitatively. The facts included in the narrative (including all supporting documentation, diagrams, drawings, charts, and schedules, etc.) demonstrate the Proposer’s ability to perform and deliver beyond expectation.

- GOOD (0.6): Having positive or desirable qualities; competent; skilled; above average.

The Proposer provided information for a given criteria that satisfied the requirements and described specifically how and what will be accomplished in such a manner that exhibited a skillful and above-average degree of understanding, skill, and competency, both qualitatively and quantitatively. The facts included in the narrative (including all supporting documentation, diagrams, drawings, charts, and schedules, etc.) demonstrate the Proposer's ability to perform and deliver at the expected level.

- FAIR (0.4): Average; moderate; mediocre; adequate; sufficient; satisfactory; standard.

The Proposer provided information for a given criteria that satisfied the requirements and described sufficiently how and what will be accomplished in a manner that exhibited an adequate and average degree of understanding, skill, and competency, both qualitatively and quantitatively. The facts included in the narrative (including all supporting documentation, diagrams, drawings, charts, and schedules, etc.) demonstrate the Proposer's ability to perform and deliver at a level slightly below expectation.

- POOR (0.2): Inadequate; lacking; inferior in quality; of little or less merit; substandard; marginal.

The Proposer provided information for a given criteria that did not satisfy the requirements and described in an inadequate manner how and what will be accomplished. The information provided simply reiterated a requirement, contained inaccurate statements or references, lacked adequate information, or was of inferior quality. The facts included in the narrative (including all supporting documentation, diagrams, drawings, charts, and schedules, etc.) demonstrate the Proposer's ability to perform and deliver at a substandard and inferior level.

- UNACCEPTABLE (0.0):

The Proposer failed to provide any information for a given criterion, provided information that could not be understood, or did not provide the information for a given category as requested.

After a Selection Committee member has determined the description applicable for each evaluation criterion, the total points available for such criterion shall be multiplied by the factor associated with the applicable description to produce the number of points allocated for that evaluation criterion. For example, a Selection Committee member classifies the "Experience and Expertise" criterion (which shall be worth 25 points for the purpose of this example) as "Very Good" (which is a description factor multiplier of 0.8). The points that Selection Committee member allocated for that evaluation criterion would be 20, calculated as follows: 25 available points x 0.8 applicable description factor multiplier = 20 points.

A Selection Committee member's total score for each Proposal shall equal the sum of the total points allocated for each evaluation criteria.

When all Selection Committee members have completed their Proposal evaluations, the individual Selection Committee member's total scores for each Proposal will be added together to produce a final score for each Proposal.

Procurement will confirm the calculations for the final score for each Proposal. Then, Procurement shall publish a rank-ordered listing of the Proposals to the Selection Committee with the Proposal receiving the highest point as the highest-ranked Proposal.

In accordance with Section 287.055(4)(a), Florida Statutes, if there are three (3) or more Proposers in Elevation Level 2, the Selection Committee will elevate no fewer than the three highest scored of such Proposers to Elevation Level 3 for interviews. If there are only two Proposers in Elevation Level 2, the Selection Committee shall elevate those two Proposers to Elevation Level 3 for interviews. If there is only one Proposer in Elevation Level 2, then the Selection Committee may collectively decide if they would like to elevate the Proposer to Elevation Level 3 for interviews or if they would like to recommend the Board authorize staff to enter into Contract Negotiations with the Proposer. In the latter case, after Board approval to authorize staff to negotiate a contract, the Proposer will then be elevated to Elevation Level 4 for contract negotiations.

Elevation Level 3 (Proposer Interviews)

The Selection Committee may be required to conduct interviews of the Proposers that it has elevated from Elevation Level 2 to Elevation Level 3.

During an interview, elevated Proposers may be requested to make a presentation focusing on their qualifications, approach to the project and the ability to furnish the required services. The Selection Committee members will have an opportunity to inquire about any aspect of the RFP and the Proposer's Proposal. After all elevated Proposer interviews, each Selection Committee member will individually rank the Proposers in numerical order beginning at number 1 for the Proposer deemed to be the most highly qualified to perform the required services. In accordance with Section 287.055(4)(b), Florida Statutes, in determining whether a Proposer is qualified, each Selection Committee member shall consider such factors as:

- Ability of Personnel
- Whether a Proposer is a certified minority business enterprise
- Past performance
- Willingness to meet time and budget requirements
- Location
- Recent, current, and projected workloads
- Volume of work previously awarded to each Proposer by the County

Procurement shall receive and compile each Selection Committee member's ranking of each Proposer, and then publish a rank-ordered listing of Proposers to the Selection

Committee, based on the combined average rankings given each Proposer. The Selection Committee members will then collectively decide if they would like to recommend the Board, or if applicable the County manager, authorize staff to enter into Contract Negotiations with all Proposers elevated to Proposer Interviews, starting with the highest-ranked Proposer. After Board or County Manager approval, as applicable, to authorize staff to negotiate a contract, the highest-ranked Proposer will then be elevated to Elevation Level 4, Contract Negotiations.

Elevation Level 4 (Contract Negotiations)

If a Proposer is elevated to this level, the User Division, with the assistance of Procurement and the County Attorney's Office, shall negotiate an Agreement with the elevated Proposer(s) in accordance with Section 287.055(5), Florida Statutes.

If after negotiating for a reasonable time period the parties cannot agree on a contract, the County shall, in its sole discretion, terminate further contract negotiations with that Proposer. Procurement shall notify the Selection Committee that contract negotiations with the elevated Proposer have terminated. The Selection Committee shall then determine whether to recommend to the Board to approve contract negotiations with the next-highest-ranked Proposer, and so on. If the Selection Committee decides not to recommend contract negotiations with the next-highest-ranked Proposer, or if the County determines there is no other Proposer with whom the County can successfully negotiate a contract, then the RFP Selection Process shall terminate.

After contract negotiations with a Proposer are successfully completed pursuant to Elevation Level 4, the Selection Committee shall recommend to the Board of County Commissioners that it selects such Proposer to provide the services as outlined in the Agreement. The Board of County Commissioners shall make the final decision whether to enter into an Agreement with a Proposer.

GENERAL CONDITIONS

CONTACT

After the issuance of any Request for Proposal, prospective proposers shall not contact, communicate with or discuss any matter relating in any way to the Request for Proposal with the Board of County Commissioners, and any employee of Polk County, other than the Procurement Director or as directed in the cover page of the Request for Proposal. This prohibition begins with the issuance of any Request for Proposal and ends upon completion execution of a contract. Such communications initiated by a proposer shall be grounds for disqualifying the offending proposer from consideration for award of the proposal and/or any future proposal.

INSURANCE REQUIREMENTS

The selected firm, if any, shall maintain, at all times, the following minimum levels of insurance and; shall, without in any way altering their liability, obtain, pay for and maintain insurance for the coverages and amounts of coverage not less than those set forth below. Provide to the County original Certificates of Insurance satisfactory to the

County to evidence such coverage before any work commences. Polk County, a political subdivision of the State of Florida, shall be an additional named insured on all policies related to the project; excluding workers' compensation and professional liability. The Workers' Compensation and General Liability policies shall contain a waiver of subrogation in favor of Polk County. All insurance coverage shall be written with a company having an A.M. Best Rating of at least the "A" category and size category of VIII. The firm's self-insured retention or deductible per line of coverage shall not exceed \$25,000 without the permission of the County. In the event of any failure by the firm to comply with the provisions; the County may, at its option, on notice to the firm suspend the project for cause until there is full compliance. Alternatively, the County may purchase such insurance at the firm's expense, provided that the County shall have no obligation to do so and if the County shall do so, the firm shall not be relieved of or excused from the obligation to obtain and maintain such insurance amounts and coverages.

Worker's Compensation and Employer's Liability Insurance providing statutory benefits, including those that may be required by any applicable federal statute:

Admitted in Florida	Yes
Employer's Liability	\$100,000
All States Endorsement	Statutory
Voluntary Compensation	Statutory

Commercial General Liability Insurance. \$1,000,000 combined single limit of liability for bodily injuries, death, and property damage, and personal injury resulting from any one occurrence, including the following coverages:

Premises and Operations and Products/Completed Operations;

Broad Form Commercial General Liability Endorsement to include blanket contractual liability (specifically covering, but not limited to, the contractual obligations assumed by the Firm); Personal Injury (with employment and contractual exclusions deleted) and Broad Form Property Damage coverages;

Independent Contractors; Policy must include Separation of Insureds Clause.

Comprehensive Automobile Liability Insurance. \$1,000,000 combined single limit of liability for bodily injuries, death, and property damage, and personal injury resulting from any one occurrence, including all owned, hired and non-owned vehicles.

Professional Liability Insurance. \$2,000,000 for design errors and omissions, inclusive of defense costs. Selected firm shall be required to provide continuing Professional Liability Insurance to cover the project for a period of two (2) years after the projects are completed.

INDEMNIFICATION

To the maximum extent permitted by law, the Consultant shall indemnify, protect and hold the County, and its officers, employees and agents, harmless from and against any and all, claims, actions, causes of action, liabilities, penalties, forfeitures, damages, losses, and expenses whatsoever (including, without limitation, reasonable attorneys' fees, costs, and expenses incurred during negotiation, through litigation and all appeals therefrom) including, without limitation, those pertaining to the death of or injury to any person, or damage to any property, to the extent arising out of or resulting from (i) the failure of Consultant to comply with applicable laws, rules or regulations, (ii) the breach by Consultant of its obligations under this Agreement, (iii) any claim for trademark, patent, or copyright infringement arising out of the scope of Consultant's performance or nonperformance of this Agreement, or (iv) the negligent acts, errors or omissions, or intentional or willful misconduct, of Consultant or any persons or entities employed or utilized by Consultant in the performance of this Agreement. The obligations imposed by this Section shall survive the expiration or earlier termination of the Agreement.

PUBLIC ENTITY CRIMES STATEMENT

The Consultant declares and warrants that neither the Consultant nor any of the Consultant's affiliates, as that term is defined in Section 287.133, Florida Statutes, are subject to the restrictions in Section 287.133, Florida Statutes, regarding the commission of a public entity crime. If during the term of this Agreement, the Consultant or any affiliate is convicted of a public entity crime or is otherwise prohibited from performing work for or transacting business with the County pursuant to Section 287.133, Florida Statutes, then the Consultant shall be in material default of this Agreement, and in such case, the County shall have the rights and remedies as provided herein.

EQUAL OPPORTUNITY/AFFIRMATIVE ACTION

The County is an equal opportunity/affirmative action employer. The County is committed to equal opportunity employment effort; and expects firms that do business with the County to have a vigorous affirmative action program.

WOMEN/MINORITY BUSINESS ENTERPRISE OUTREACH

The County hereby notifies all Proposers that W/MBEs are to be afforded a full opportunity to participate in any request for proposal by the County and will not be subject to discrimination on the basis of race, color, sex or national origin.

AFFIRMATION

By submitting their proposal, the Proposer affirms that the proposal is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; the Proposer has not directly or indirectly induced or solicited any other person to submit a false or sham proposal; the Proposer has not solicited or induced any person, firm or corporation to refrain from submitting a

proposal; and the Proposer has not sought by collusion to obtain for him/herself any advantage over other persons or over the County.

DEVELOPMENT COSTS

Neither the County nor its representative(s) shall be liable for any expenses incurred in connection with preparation of a response to the RFP. Proposers should prepare their proposals simply and economically, providing a straightforward and concise description of the proposer's ability to meet the requirements of the RFP.

ADDENDA

The County may record its responses to inquiries and any supplemental instructions in the form of written addenda. The addenda will be posted on the County's website at <http://www.polk-county.net/bocccsite/doing-business/bids/>. It is the sole responsibility of the proposers to check the website to ensure that all available information has been received prior to submitting a proposal.

CODE OF ETHICS

If any proposer violates or is a party to a violation of the code of ethics of Polk County or the State of Florida, with respect to this proposal, such proposer may be disqualified from performing the work described in this proposal or from furnishing the goods or services for which the proposal is submitted and shall be further disqualified from bidding on any future proposals for work, goods, or services for the County.

DRUG FREE WORKPLACE

Preference shall be given to businesses with Drug Free Workplace (DFW) programs. Whenever two or more proposals, which are equal with respect to price, quality and service, are received by the County for the procurement of commodities or contractual services, a proposal received from a business that has provided a statement that it is a DFW shall be given preference in the award process.

APPLICABLE LAWS AND COURTS

This RFP and any resulting agreements shall be governed in all respects by the laws of the State of Florida and any litigation with respect thereto shall be brought only in the courts of Polk County, Florida or the United States District Court, Middle District of Florida, located in Hillsborough County, Florida. The proposer shall comply with all applicable federal, state and local laws and regulations.

CONTRACTUAL MATTERS

A copy of the Consulting Agreement to be entered into with the successful proposer(s) is included with this RFP as Attachment A.

All contracts are subject to final approval of the Polk County Board of County Commissioners. Persons or firms who incur expenses or change position in anticipation of a contract prior to the Board's approval do so at their own risk.

PROPOSAL ACCEPTANCE PERIOD

A proposal shall be binding upon the offeror and irrevocable by it for ninety (90) calendar days following the proposal opening date. Any proposal in which offeror shortens the acceptance period may be rejected.

ADDITION/DELETION

The County reserves the right to add to or delete any item from this proposal or resulting agreements when deemed to be in the best interest of the County.

PROPRIETARY INFORMATION

In accordance with Chapter 119 of the Florida Statutes (Public Records Law), and except as may be provided by other applicable State and Federal Law, all proposers should be aware that Request for Proposals and the responses thereto are in the public domain. However, the proposers are required to identify specifically any information contained in their proposals which they consider confidential and/or proprietary and which they believe to be exempt from disclosure, citing specifically the applicable exempting law. Proposers should provide a redacted copy of proposal with submittal.

All proposals received from proposers in response to this Request for Proposal will become the property of the County and will not be returned to the proposers. In the event of contract award, all documentation produced as part of the contract will become the exclusive property of the County.

REVIEW OF PROPOSAL FILES

In accordance with Chapter 119.071 of the Florida Statutes, the responses received for this Request for Proposal are exempt from review for thirty (30) days after the Bid Opening Date or at Recommendation of Award, whichever event occurs first.

Should the RFP be cancelled and re-solicited for any reason, proposal responses shall remain exempt from disclosure for a period not to exceed twelve (12) months or at Recommendation of Award of the subsequent solicitation.

RFP PROTEST

Any proposer desiring to file a protest, with respect to a recommended award of any RFP, shall do so by filing a written protest. The written protest must be in the possession of the Procurement Division within three (3) working days of the Notice of Recommended Award mailing date. All proposers who submitted a proposal will be sent a Notice of Recommended Award, unless only one proposal was received.

A copy of the protest procedures may be obtained from the Polk County Procurement Division or can be downloaded from the County's website at <http://www.polk-county.net/docs/default-source/procurement/protest-procedures.pdf?sfvrsn=2>.

FAILURE TO FOLLOW PROTEST PROCEDURE REQUIREMENTS WITHIN THE TIME FRAMES PRESCRIBED HEREIN AS ESTABLISHED BY POLK COUNTY, FLORIDA, SHALL CONSTITUTE A WAIVER OF THE PROPOSER'S RIGHT TO PROTEST AND ANY RESULTING CLAIM.

UNAUTHORIZED ALIEN(S)

The Consultant agrees that unauthorized aliens shall not be employed nor utilized in the performance of the requirements of this solicitation. The County shall consider the employment or utilization of unauthorized aliens a violation of Section 274A(e) of the Immigration and Naturalization Act (8 U.S.C. 1324a). Such violation shall be cause for unilateral termination of this Agreement by the County. As part of the response to this solicitation, the successful consultant will complete and submit the form "AFFIDAVIT CERTIFICATION IMMIGRATION LAWS."

EMPLOYMENT ELIGIBILITY VERIFICATION (E-Verify)

A. Unless otherwise defined herein, terms used in this Section which are defined in Section 448.095, Florida Statutes, as may be amended from time to time, shall have the meaning ascribed in said statute.

B. Pursuant to Section 448.095(5), Florida Statutes, the contractor hereto, and any subcontractor thereof, must register with and use the E-Verify system to verify the work authorization status of all new employees of the contractor or subcontractor. The contractor acknowledges and agrees that (i) the County and the contractor may not enter into this Agreement, and the contractor may not enter into any subcontracts hereunder, unless each party to this Agreement, and each party to any subcontracts hereunder, registers with and uses the E-Verify system; and (ii) use of the U.S. Department of Homeland Security's E-Verify System and compliance with all other terms of this Certification and Section 448.095, Fla. Stat., is an express condition of this Agreement, and the County may treat a failure to comply as a material breach of this Agreement.

C. By entering into this Agreement, the contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The contractor shall maintain a copy of such affidavit for the duration of this Agreement. Failure to comply will lead to termination of this Agreement, or if a subcontractor knowingly violates the statute or Section 448.09(1), Fla. Stat., the subcontract must be terminated immediately. If this Agreement is terminated pursuant to Section 448.095, Fla. Stat., such termination is not a breach of contract and may not be considered as such. Any challenge to termination under this provision must be filed in the Tenth Judicial Circuit Court of Florida no later than 20 calendar days after the date of termination. If this Agreement is terminated for a violation of Section 448.095, Fla. Stat., by the contractor, the contractor may not be awarded a public contract for a period of 1 year after the date of termination. The contractor shall be liable for any additional costs incurred by the County as a result of the termination of this Agreement. Nothing in this Section shall be construed to allow intentional discrimination of any class protected by law.

LIMITATIONS

This request does not commit Polk County to award a contract. Proposers will assume all costs incurred in the preparation of their response to this RFP. The County reserves the right to: 1) accept or reject qualifications and/or proposals in part or in whole; 2)

request additional qualification information; 3) limit and determine the actual contract services to be included in a contract; 4) obtain information for use in evaluating submittals from any source and 5) reject all submittals.

ATTORNEY’S FEES AND COSTS:

Each party shall be responsible for its own legal and attorney’s fees, costs and expenses incurred in connection with any dispute or any litigation arising out of, or relating to this Agreement, including attorney’s fees, costs and expenses incurred for any appellate or bankruptcy proceedings.

Prohibition Against Considering Vendor Interests: In accordance with Section 287.05701, Florida Statutes, the County may not (i) request documentation of or consider a Vendor’s social, political, or ideological interests when determining if the Vendor is a responsible vendor; or (ii) give preference to a Vendor based on the Vendor’s social, political, or ideological interests.

PUBLIC RECORD LAWS

(a) The Consultant acknowledges the County’s obligations under Article I, Section 24, of the Florida Constitution and under Chapter 119, Florida Statutes, to release public records to members of the public upon request and comply in the handling of the materials created under this Agreement. The Consultant further acknowledges that the constitutional and statutory provisions control over the terms of this Agreement. In association with its performance pursuant to this Agreement, the Consultant shall not release or otherwise disclose the content of any documents or information that is specifically exempt from disclosure pursuant to all applicable laws.

(b) Without in any manner limiting the generality of the foregoing, to the extent applicable, the Consultant acknowledges its obligations to comply with Section 119.0701, Florida Statutes, with regard to public records, and shall:

(1) keep and maintain public records required by the County to perform the services required under this Agreement;

(2) upon request from the County’s Custodian of Public Records or his/her designee, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law;

(3) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the term of this Agreement and following completion of this Agreement if the Consultant does not transfer the records to the County; and

(4) upon completion of this Agreement, transfer, at no cost, to the County all public records in possession of the Consultant or keep and maintain public records required by the County to perform the service. If the Consultant transfers all public records to the County upon completion of this Agreement, the Consultant shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Consultant keeps and maintains public records

upon completion of this Agreement, the Consultant shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the County, upon request from the County's Custodian of Public Records, in a format that is compatible with the information technology systems of the County.

(c) IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE COUNTY'S CUSTODIAN OF PUBLIC RECORDS AT:

**RECORDS MANAGEMENT LIAISON OFFICER
POLK COUNTY
330 WEST CHURCH ST
BARTOW, FL 33830
TELEPHONE: (863) 534-7527
EMAIL: RMLO@POLK-COUNTY.NET**

Scrutinized Companies and Business Operations Certification; Termination.

A. Certification(s)

(I) By its execution of this Agreement, the Vendor hereby certifies to the County that the Vendor is not on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, nor is the Vendor engaged in a boycott of Israel, nor was the Vendor on such List or engaged in such a boycott at the time it submitted its bid, proposal, quote, or other form of offer, as applicable, to the County with respect to this Agreement.

(II) Additionally, if the value of the goods or services acquired under this Agreement are greater than or equal to One Million Dollars (\$1,000,000), then the Vendor further certifies to the County as follows:

- (a) the Vendor is not on the Scrutinized Companies with Activities in Sudan List, created pursuant to Section 215.473, Florida Statutes; and
- (b) the Vendor is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473, Florida Statutes; and
- (c) the Vendor is not engaged in business operations (as that term is defined in Florida Statutes, Section 287.135) in Cuba or Syria; and
- (d) the Vendor was not on any of the Lists referenced in this subsection A(ii), nor engaged in business operations in Cuba or Syria when it submitted its proposal to the County concerning the subject of this Agreement.

(iii) The Vendor hereby acknowledges that it is fully aware of the penalties that may be imposed upon the Vendor for submitting a false certification to the County regarding the foregoing matters.

B. Termination. In addition to any other termination rights stated herein, the County may immediately terminate this Agreement upon the occurrence of any of the following events:

(i) The Vendor is found to have submitted a false certification to the County with respect to any of the matters set forth in subsection A(i) above, or the Vendor is found to have been placed on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel.

(ii) The Vendor is found to have submitted a false certification to the County with respect to any of the matters set forth in subsection A(ii) above, or the Vendor is found to have been placed on the Scrutinized Companies with Activities in Sudan List, or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or has been engaged in business operations in Cuba or Syria, and the value of the goods or services acquired under this Agreement are greater than or equal to One Million Dollars (\$1,000,000).

Proposers Incorporation Information

(Submittal Page)

The following section should be completed by all bidders and submitted with their bid submittal:

Company Name: _____

DBA/Fictitious Name (if applicable): _____

TIN #: _____

Address: _____

City: _____

State: _____

Zip Code: _____

County: _____

Note: Company name must match legal name assigned to the TIN number. A current W9 should be submitted with your bid submittal.

Contact Person: _____

Phone Number: _____

Cell Phone Number: _____

Email Address: _____

Type of Organization (select one type)

- Sole Proprietorship
- Partnership
- Non-Profit
- Sub Chapter
- Joint Venture
- Corporation
- LLC
- LLP
- Publicly Traded
- Employee Owned

State of Incorporation: _____

The Successful vendor must complete and submit this form prior to award. The Successful vendor must invoice using the company name listed above.

EXHIBIT 1

DETAILED INSTRUCTIONS ON HOW TO PREPARE AND SEND PERFORMANCE SURVEYS

The objective of this process is to identify the past performance of the Consultant submitting a proposal package. This is accomplished by sending survey forms to past customers. The customers should return the forms directly to the Consultant. The Consultant is to include all surveys in their proposal package.

Sending the Survey

The surveys shall be sent to all clients for whom the Consultant has identified under Tab 3. Surveys should correlate to all projects identified under Tab 3.

If more surveys are included, then Procurement will only use those identified under Tab 3.

1. The Consultant shall complete the following information for each customer that a survey will be sent

CLIENT NAME	Name of the company that the work was performed for (i.e. Polk County).
FIRST NAME	First name of the person who will answer customer satisfaction questions.
LAST NAME	Last name of the person who will answer customer satisfaction questions.
PHONE NUMBER	Current phone number for the reference (including area code).
EMAIL ADDRESS	Current email address for the reference.
PROJECT NAME	Name of the project (Groundwater Remediation Services for Polk County Landfill), Etc.
COST OF SERVICES	Cost of services (\$500,000)
DATE COMPLETE	Date when the services were completed. (i.e. 5/31/2023)

2. The Consultant is responsible for verifying that their information is accurate prior to submission for references.

3. The survey must contain different services/projects. You cannot have multiple people evaluating the same job. However, one person may evaluate several different jobs.

4. The past projects can be either completed or on-going.

5. The past client/owner must evaluate and complete the survey.

Preparing the Surveys

1. The Consultant is responsible for sending out a performance survey to the clients that have been identified under Tab 3. The survey can be found on the next page.
2. The Consultant should enter the past clients' contact information, and project information on each survey form for each reference. The Consultant should also enter their name as the Consultant being surveyed.
3. The Consultant is responsible for ensuring all references/surveys are included in their submittal under Tab 8.
4. Polk County Procurement may contact the reference for additional information or to clarify survey data. If the reference cannot be contacted, there will be no credit given for that reference.

Survey Questionnaire – Polk County

RFP 24-654 Polk County Southeast Landfill Design Services

To: _____ (Name of Person completing survey)

_____ (Name of Client Company/Consultant)

Phone Number: _____ Email: _____

Subject: Past Performance Survey of Similar work:

Project name: _____

Name of Consultant being surveyed: _____

Cost of Services: Original Cost: _____ Ending Cost: _____

Contract Start Date: _____ Contract End Date: _____

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Consultant /individual again) and 1 representing that you were very unsatisfied (and would never hire the Consultant /individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	
3	Quality of workmanship	(1-10)	
4	Professionalism and ability to manage	(1-10)	
5	Close out process	(1-10)	
6	Ability to communicate with Client's staff	(1-10)	
7	Ability to resolve issues promptly	(1-10)	
8	Ability to follow protocol	(1-10)	
9	Ability to maintain proper documentation	(1-10)	
10	Overall Client satisfaction and comfort level in hiring	(1-10)	
11	Ability to offer solid recommendations	(1-10)	
12	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	

Printed Name of Evaluator _____

Signature of Evaluator: _____

Please fax or email the completed survey to: _____

Affidavit Certification Immigration Laws

POLK COUNTY WILL NOT INTENTIONALLY AWARD COUNTY CONTRACTS TO ANY CONSULTANT WHO KNOWINGLY EMPLOYS UNAUTHORIZED ALIEN WORKERS, CONSTITUTING A VIOLATION OF THE EMPLOYMENT PROVISIONS CONTAINED IN 8 U.S.C. SECTION 1324 A(E) {SECTION 274A(E) OF THE IMMIGRATION AND NATIONALITY ACT ("INA")}.

POLK COUNTY MAY CONSIDER THE EMPLOYMENT BY ANY CONSULTANT OF UNAUTHORIZED ALIENS A VIOLATION OF SECTION 274A(E) OF THE INA. **SUCH VIOLATION OF THE RECIPIENT OF THE EMPLOYMENT PROVISIONS CONTAINED IN 274A(E) OF THE INA SHALL BE GROUNDS FOR UNILATERAL CANCELLATION OF THE CONTRACT BY POLK COUNTY.**

BIDDER ATTEST THAT THEY ARE FULLY COMPLIANT WITH ALL APPLICABLE IMMIGRATION LAWS (SPECIFICALLY TO THE 1986 IMMIGRATION ACT AND SUBSEQUENT AMENDMENTS).

Company Name: _____

Signature: _____

Title: _____

Date: _____

State of: _____

County of: _____

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this ____ day of _____, 20__, by _____ (*name*) as _____ (*title of officer*) of _____ (*entity name*), on behalf of the company, who is personally known to me or has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: _____

Notary Commission Number and Expiration: _____

(AFFIX NOTARY SEAL)

EMPLOYMENT ELIGIBILITY VERIFICATION (E-VERIFY) CERTIFICATION

(Florida Statutes, Section 448.095)

PROJECT NAME: _____

The undersigned, as an authorized officer of the contractor identified below (the “**Contractor**”), having full knowledge of the statements contained herein, hereby certifies to Polk County, a political subdivision of the State of Florida (the “**County**”), by and on behalf of the Contractor in accordance with the requirements of Section 448.095, Florida Statutes, as related to the contract entered into by and between the Contractor and the County on or about the date hereof, whereby the Contractor will provide labor, supplies, or services to the County in exchange for salary, wages, or other remuneration (the “**Contract**”), as follows:

1. Unless otherwise defined herein, terms used in this Certification which are defined in Section 448.095, Florida Statutes, as may be amended from time to time, shall have the meaning ascribed in said statute.

2. Pursuant to Section 448.095(5), Florida Statutes, the Contractor, and any subcontractor under the Contract, must register with and use the E-Verify system to verify the work authorization status of all new employees of the Contractor or subcontractor. The Contractor acknowledges and agrees that (i) the County and the Contractor may not enter into the Contract, and the Contractor may not enter into any subcontracts thereunder, unless each party to the Contract, and each party to any subcontracts thereunder, registers with and uses the E-Verify system; and (ii) use of the U.S. Department of Homeland Security’s E-Verify System and compliance with all other terms of this Certification and Section 448.095, Fla. Stat., is an express condition of the Contract, and the County may treat a failure to comply as a material breach of the Contract.

3. By entering into the Contract, the Contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the Contract. Failure to comply will lead to termination of the Contract, or if a subcontractor knowingly violates the statute or Section 448.09(1), Fla. Stat., the subcontract must be terminated immediately. If the Contract is terminated pursuant to Section 448.095, Fla. Stat., such termination is not a breach of contract and may not be considered as such. Any challenge to termination under this provision must be filed in the Tenth Judicial Circuit Court of Florida no later than 20 calendar days after the date of termination. If the Contract is terminated for a violation of Section 448.095, Fla. Stat., by the Contractor, the Contractor may not be awarded a public contract for a period of 1 year after the date of termination. The Contractor shall be liable for any additional costs incurred by the County as a result of the termination of the Contract. Nothing in this Certification shall be construed to allow intentional discrimination of any class protected by law.

Executed this _____ day of _____, 20__.

ATTEST:

CONTRACTOR:

By: _____
PRINTED NAME: _____
Its: _____

By: _____
PRINTED NAME: _____
Its: _____

November 6, 2024

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM #1

RFP 24-654, Polk County Southeast Landfill Engineering Services

This addendum is issued to clarify, add to, revise and/or delete items of the RFP Documents for this work. This Addendum is a part of the RFP Documents and acknowledgment of its receipt should be noted on the Addendum.

Contained within this addendum: Clarification, questions and answers.

Ken Brush

Procurement Contracts Manager

Procurement Division

This Addendum sheet should be signed and returned with your submittal. This is the only acknowledgment required.

Signature: _____

Printed Name: _____

Title: _____

Company: _____

RFP 24-654, Polk County Southeast Landfill Engineering Services Addendum #1(Continued)

Question 1: On page 10 of the RFP document under Tab 2 – Approach to Project, the section header states that this section is limited to a Maximum of 4 Pages. However, the section asks us to provide “a minimum of two (2) and a maximum of four (4) such options. (Limit response to two (2) pages per option)”. Please confirm if the entire section is limited to 4 pages maximum, including both the approach narrative and the discussion of 2-4 options, or if the section for 2-4 options is in addition to the 4-page maximum?

Answer 1: Please see below changes to Tab 2 – Approach to Project (35 Points)

Tab 2 –Approach to Project (35 Points) (~~Maximum of four (4) pages~~)

- Provide a short narrative project approach outlining how you propose to respond to and manage this project. (**Maximum of one (1) page**)
- Provide a short narrative approach outlining options for the engineering controls (e.g. liner cap) or source removal options and remediation system recommendations. Please provide a minimum of two (2) and a maximum of four (4) such options. (**Limit response to two (2) pages per option**)
 - For each option identified please provide the following:
 - Description of the option to include desired result
 - Identify pros and cons of the option
 - Preliminary project timeline
 - Any additional information that might be relevant

Examples of options may include, but are not limited to, excavation and removal of the waste and contaminated soils (no final cover needed), final cover on landfill with air sparging, soil vapor extraction or groundwater pump and treat system.

Clarification:

Scope of Services, paragraph 3, page 8 of the RFP package has been revised and replaced with the following:

The groundwater treatment system must remediate volatiles (e.g. benzene) in groundwater to meet state water quality standards at the site property boundary or other Point of Compliance approved by the Florida Department of Environmental Protection. Various remedial measures options should be presented in response to this RFP. The Scope of Services for the evaluation and design of the groundwater remediation system includes investigation, analysis of soil/groundwater, preparation of plans and reports, coordination with regulatory agencies, etc., as required by the requirements of Chapter 62-780, Florida Administrative Code applicable to solid waste landfills.

Exhibit Aii

Forms



November 6, 2024

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM #1

RFP 24-654, Polk County Southeast Landfill Engineering Services

This addendum is issued to clarify, add to, revise and/or delete items of the RFP Documents for this work. This Addendum is a part of the RFP Documents and acknowledgment of its receipt should be noted on the Addendum.

Contained within this addendum: Clarification, questions and answers.

Ken Brush

Procurement Contracts Manager

Procurement Division

This Addendum sheet should be signed and returned with your submittal. This is the only acknowledgment required.

Signature: _____

Craig Browne

Printed Name: _____

Craig Browne

Title: _____

Principal

Company: _____

Geosyntec

Proposers Incorporation Information

(Submittal Page)

The following section should be completed by all bidders and submitted with their bid submittal:

Company Name: Geosyntec Consultants, Inc.

DBA/Fictitious Name (if applicable): N/A

TIN #: 59-2355134

Address: 900 Broken Sound Pkwy, Suite 200

City: Boca Raton

State: Florida

Zip Code: 33487

County: Palm Beach County

Note: Company name must match legal name assigned to the TIN number. A current W9 should be submitted with your bid submittal.

Contact Person: Rachel Kllinger, PE, BCEE

Phone Number: 904-450-4264

Cell Phone Number: 561-301-6393

Email Address: rkllinger@geosyntec.com

Type of Organization (select one type)

- Sole Proprietorship
- Partnership
- Non-Profit
- Sub Chapter
- Joint Venture
- Corporation
- LLC
- LLP
- Publicly Traded
- Employee Owned

State of Incorporation: Florida

The Successful vendor must complete and submit this form prior to award. The Successful vendor must invoice using the company name listed above.

EMPLOYMENT ELIGIBILITY VERIFICATION (E-VERIFY) CERTIFICATION
(Florida Statutes, Section 448.095)

PROJECT NAME: 24-654 Polk County Southeast Landfill Engineering Services

The undersigned, as an authorized officer of the contractor identified below (the “**Contractor**”), having full knowledge of the statements contained herein, hereby certifies to Polk County, a political subdivision of the State of Florida (the “**County**”), by and on behalf of the Contractor in accordance with the requirements of Section 448.095, Florida Statutes, as related to the contract entered into by and between the Contractor and the County on or about the date hereof, whereby the Contractor will provide labor, supplies, or services to the County in exchange for salary, wages, or other remuneration (the “**Contract**”), as follows:

1. Unless otherwise defined herein, terms used in this Certification which are defined in Section 448.095, Florida Statutes, as may be amended from time to time, shall have the meaning ascribed in said statute.

2. Pursuant to Section 448.095(5), Florida Statutes, the Contractor, and any subcontractor under the Contract, must register with and use the E-Verify system to verify the work authorization status of all new employees of the Contractor or subcontractor. The Contractor acknowledges and agrees that (i) the County and the Contractor may not enter into the Contract, and the Contractor may not enter into any subcontracts thereunder, unless each party to the Contract, and each party to any subcontracts thereunder, registers with and uses the E-Verify system; and (ii) use of the U.S. Department of Homeland Security’s E-Verify System and compliance with all other terms of this Certification and Section 448.095, Fla. Stat., is an express condition of the Contract, and the County may treat a failure to comply as a material breach of the Contract.

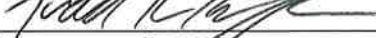
3. By entering into the Contract, the Contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the Contract. Failure to comply will lead to termination of the Contract, or if a subcontractor knowingly violates the statute or Section 448.09(1), Fla. Stat., the subcontract must be terminated immediately. If the Contract is terminated pursuant to Section 448.095, Fla. Stat., such termination is not a breach of contract and may not be considered as such. Any challenge to termination under this provision must be filed in the Tenth Judicial Circuit Court of Florida no later than 20 calendar days after the date of termination. If the Contract is terminated for a violation of Section 448.095, Fla. Stat., by the Contractor, the Contractor may not be awarded a public contract for a period of 1 year after the date of termination. The Contractor shall be liable for any additional costs incurred by the County as a result of the termination of the Contract. Nothing in this Certification shall be construed to allow intentional discrimination of any class protected by law.

Executed this 12 day of November, 2024

ATTEST:

By: 
PRINTED NAME: Angela Acosta
Its: Marketing Specialist

CONTRACTOR:

By: 
PRINTED NAME: Todd Kafka, PG
Its: Senior Principal/Vice President

Affidavit Certification Immigration Laws

POLK COUNTY WILL NOT INTENTIONALLY AWARD COUNTY CONTRACTS TO ANY CONSULTANT WHO KNOWINGLY EMPLOYS UNAUTHORIZED ALIEN WORKERS, CONSTITUTING A VIOLATION OF THE EMPLOYMENT PROVISIONS CONTAINED IN 8 U.S.C. SECTION 1324 A(E) {SECTION 274A(E) OF THE IMMIGRATION AND NATIONALITY ACT ("INA")}.

POLK COUNTY MAY CONSIDER THE EMPLOYMENT BY ANY CONSULTANT OF UNAUTHORIZED ALIENS A VIOLATION OF SECTION 274A(E) OF THE INA. **SUCH VIOLATION OF THE RECIPIENT OF THE EMPLOYMENT PROVISIONS CONTAINED IN 274A(E) OF THE INA SHALL BE GROUNDS FOR UNILATERAL CANCELLATION OF THE CONTRACT BY POLK COUNTY.**

BIDDER ATTEST THAT THEY ARE FULLY COMPLIANT WITH ALL APPLICABLE IMMIGRATION LAWS (SPECIFICALLY TO THE 1986 IMMIGRATION ACT AND SUBSEQUENT AMENDMENTS).

Company Name: Geosyntec Consultants, Inc.

Signature: Todd Kafka

Title: Senior Principal/Vice President

Date: November 12, 2024

State of: Florida

County of: Hillsborough

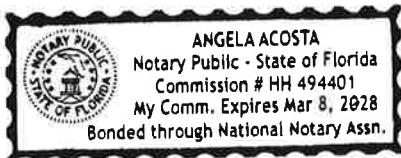
The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this 12 day of November, 2024 by Todd Kafka (name) as Senior Principal VP (title of officer) of Geosyntec Consultants (entity name), on behalf of the company, who is personally known to me or has produced _____ as identification.

Notary Public Signature: Angela Acosta

Printed Name of Notary Public: Angela Acosta

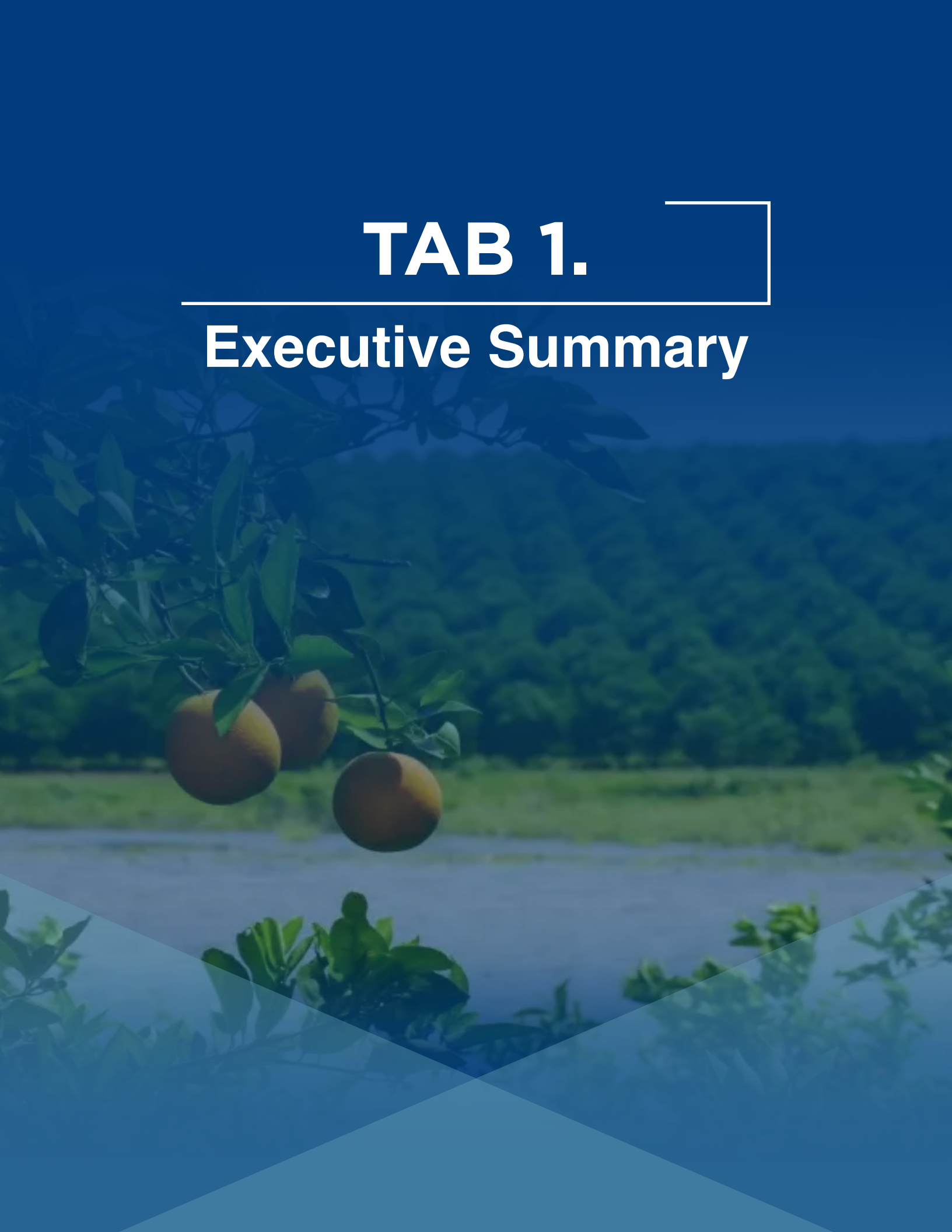
Notary Commission Number and Expiration: March 8, 2024

(AFFIX NOTARY SEAL)



TAB 1.

Executive Summary



TAB 1 | Executive Summary

Geosyntec Consultants, Inc. (Geosyntec) is an industry-leading, privately held, practitioner-led consulting engineering firm with more than 130 offices, including 11 in Florida. Founded in Florida in 1983 with a primary focus on the solid waste industry, we have grown into a multidisciplinary organization with more than 2,600 staff, including engineers, geologists, scientists, and renowned technical professionals throughout the U.S. and overseas. Established with a core competency in solid waste management facility design, permitting, and construction, Geosyntec has gained a reputation as a world leader in the waste management industry.

Known both nationally and internationally for our expertise in solid waste engineering dating back to the early 1980s, Geosyntec is equally renowned for the firm's significant capabilities in complex groundwater contamination assessment and remediation. Our practitioners address a broad suite of contaminants, including metals; radionuclides; volatile organic compounds (VOCs); semi-volatile organic compounds (SVOCs); petroleum hydrocarbons; and emerging contaminants (e.g., PFAS [per- and polyfluoroalkyl substances], widely known as "forever chemicals"), and use award-winning, technology-based remediation strategies that are often first-to-field. We are adept at applying ex situ and in situ remedial technologies, long-term monitoring, and other site management strategies. While we are highly experienced in conventional approaches and technologies (e.g., groundwater extraction and treatment), we are also practice leaders in the application of innovative in situ remedial technologies, such as bioremediation/bioaugmentation, phytoremediation, chemical oxidation, and chemical reduction. Each of these technologies may have direct applicability to addressing the groundwater contamination issues at the Southeast Landfill. .

COMPANY INFORMATION

Contractor's Name:
Geosyntec Consultants, Inc.

Primary Contact Person:
Rachel Klingler, PE, BCEE

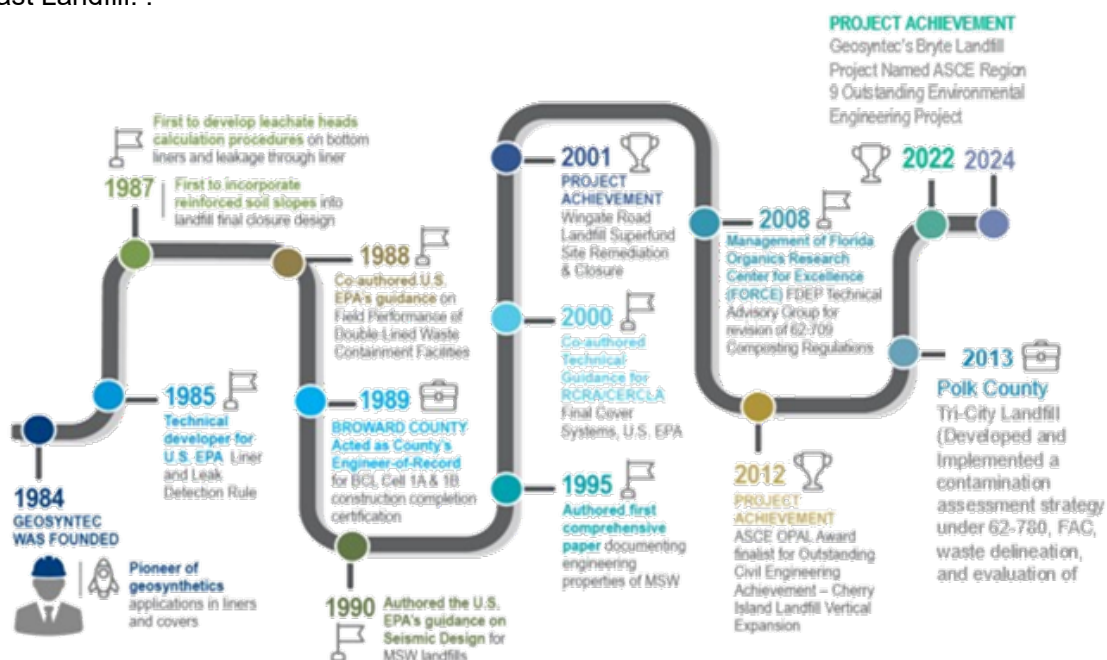
Mailing Address:
**12802 Tampa Oaks Blvd., Suite 151
Tampa, FL 33637**

Phone Number:
813.558.0990

Email Address:
rklingler@geosyntec.com

Website Address:
www.geosyntec.com

Years in Business: 40



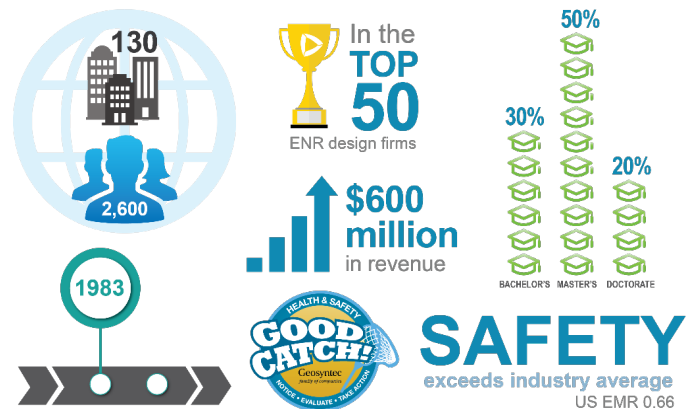
Geosyntec is fully committed to serve Polk County with professional engineering, design and permitting of engineering controls and remedial measures to address VOCs in groundwater at the County Solid Waste Division's Southeast Landfill. These engineering controls and remedial measures may include, but not be limited to a final cover system that meets the requirements of Chapter 62-701, Florida Administrative Code (FAC), for Class I solid waste landfills and the design of a groundwater treatment system to treat VOCs in groundwater.

Serving federal, state, and municipal clients in these areas of expertise for decades, Geosyntec has accumulated over 25,000 acres of landfill design, permitting, closure, and construction experience and established a solid reputation for high quality, superior client service and technical innovation. Geosyntec has successfully completed more than 500 solid waste disposal facility projects in more than 30 Florida counties with hundreds more nationwide.

We offer a wide range of services, including geotechnical and hydrogeological investigations; landfill final cover and groundwater treatment system design; permitting, preparation of bid documents, bid phase services, construction administration and management services; construction observation, construction quality assurance, and associated reporting.

Geosyntec will serve the County primarily from our Tampa and Jacksonville offices with assistance from Orlando and available additional resources throughout the state and region. Our staff resources include professional engineers, professional geologists, and other key personnel such as hydrogeologists, hydrologists, computer modelers, GIS technicians, toxicologists, public health and risk assessment professionals, and construction specialists. We consistently deliver technical excellence. Our operational and management structure is devoted to providing unmatched client service to numerous public and private sector clients.

Augmenting Geosyntec's expertise is a team of highly qualified local subconsultants for surveying, subsurface geophysical analysis, geotechnical drilling, laboratory materials testing, and groundwater remediation system manufacturing and installation. We recognize that close interaction with our subconsultants is crucial to successful project execution and is a key component of our approach and management plan. We have lengthy and strong working relationships with these carefully selected companies and obtained firm commitments from each that align with the County's expectations and goals.



Geosyntec provides Polk County the unmatched value of more than four decades of Florida solid waste disposal facility design, permitting, and construction expertise combined with in-house world class groundwater contaminate assessment and remediation skills. Teamed with a handpicked collective of highly skilled local experts, Geosyntec offers the County unequalled value, knowledge, and reputation to tackle the Southeast Landfill groundwater remediation and closure project.

Documentation showing Geosyntec's incorporation by the Florida Secretary of State and copies of the firm's applicable professional licensing are presented below.

State of Florida Department of State

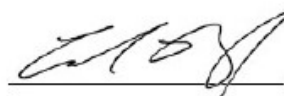
I certify from the records of this office that GEOSYNTEC CONSULTANTS, INC. is a corporation organized under the laws of the State of Florida, filed on December 1, 1983.

The document number of this corporation is G72454.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on April 30, 2024, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the First day of May, 2024*



Secretary of State

Tracking Number: 0398934267CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

The State of Florida no longer requires separate corporate entity PE and PG registration. Below are screenshots from the Florida Department of Business and Professional Regulation website that indicate active corporate registrations for Geosyntec. The active registration for Geosyntec's designated Project Manager Ms. Rachel Klinger is also provided.

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION

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Licensee Information

Name:	GEOSYNTEC CONSULTANTS, INC. (Primary Name)
Main Address:	900 BROKEN SOUND PKY NW #200 BOCA RATON Florida 33487-2775
County:	PALM BEACH

License Information

License Type:	Engineering Business Registry
Rank:	Registry
License Number:	4321
Status:	Current
Licensure Date:	01/24/1986
Expires:	

Special Qualifications **Qualification Effective**

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This is a business tracking record only.
Click here for information on how to verify that this business is properly licensed.

Licensee Information

Name:	GEOSYNTEC CONSULTANTS, INC. (Primary Name)
Main Address:	900 BROKEN SOUND PARKWAY N.W. SUITE 200 ATTN: MITZI JILES BOCA RATON Florida 33487
County:	PALM BEACH

License Information

License Type:	Geology Business Information
Rank:	Business Info
License Number:	
Status:	Current,Active
Licensure Date:	05/07/1994
Expires:	

Special Qualifications **Qualification Effective**

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Licensee Information

Name:	KLINGER, RACHEL AILEEN (Primary Name)
Main Address:	9144 TRENT WAY JACKSONVILLE Florida 32257
County:	DUVAL

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	73848
Status:	Current,Active
Licensure Date:	01/12/2012
Expires:	02/28/2025

Special Qualifications **Qualification Effective**

Environmental	05/31/2011
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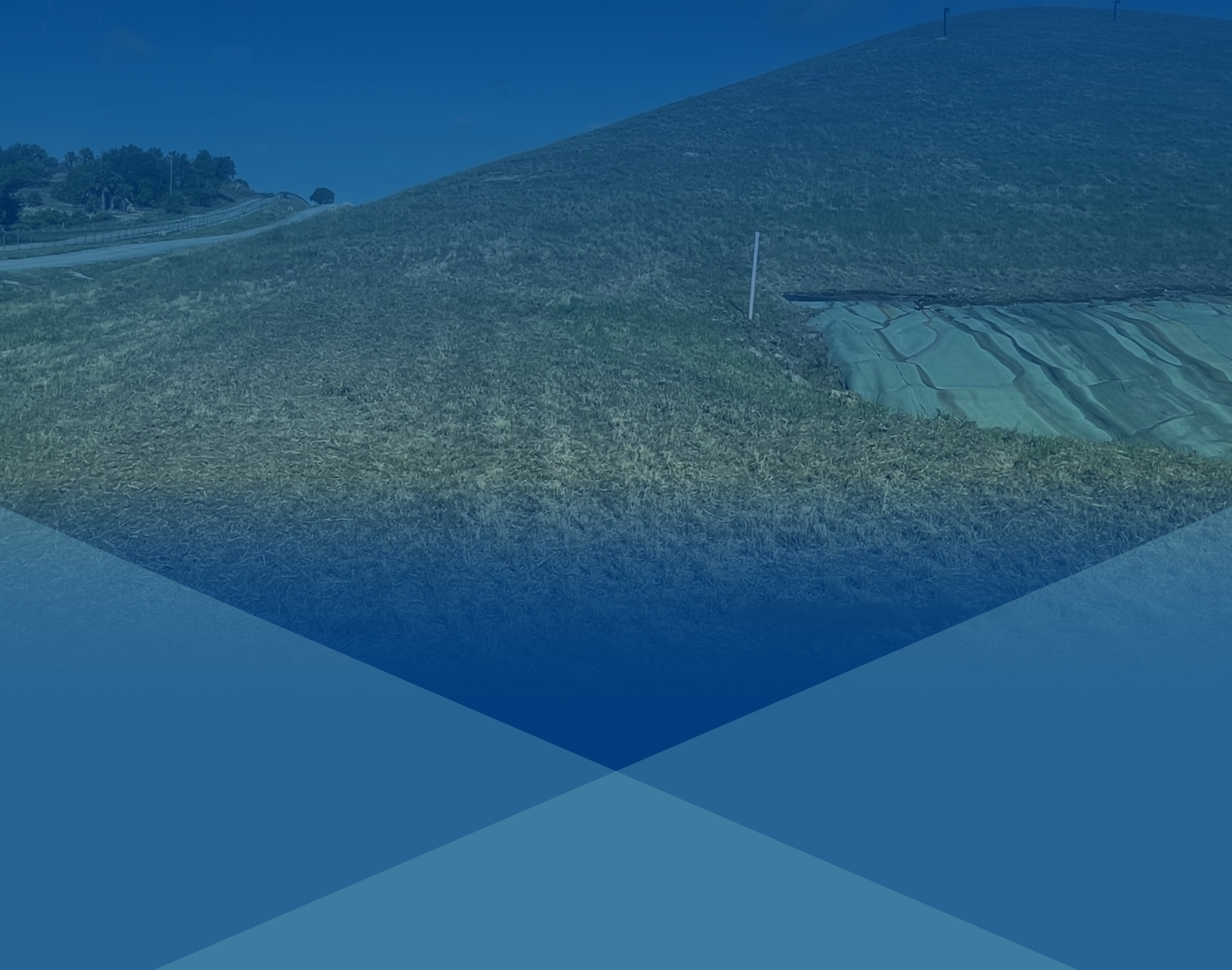
Alternate Names

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TAB 2.

Approach to Project



TAB 2 | Approach to Project

We will collaborate closely with Polk County Solid Waste Division (PCSWD) to tailor our approach to the Southeast Landfill's specific needs. Our approach will meet or exceed objectives, regulatory requirements, technical practicality, and budget and schedule constraints. If necessary, we can expedite work to meet tight deadlines, address environmental concerns, or phase projects to fit within capital improvement limitations.

The draft Consent Order issued by the Florida Department of Environmental Protection (FDEP) to Polk County on October 4, 2024, requires the PCSWD to complete site assessment of the groundwater contamination at the Southeast Landfill pursuant to Chapter 62-780, Florida Administrative Code (F.A.C.). Within 90 days of executing the Consent Order, the County must submit a solid waste permit application to modify the existing Long-Term Care (LTC) permit and address final cover modifications or other remedial actions needed to address the groundwater contamination.

Geosyntec has assessed a several VOC-contaminated sites following Chapter 62-780, FAC, and DEP guidelines. Proper site assessment lays the foundation for successful remedial options, design, and implementation, ultimately achieving efficient site closure. Geosyntec focuses on identifying and delineating source areas and affected media using appropriate tools and innovative technologies, moving sites forward quickly and cost-effectively. Developing a conceptual site model (CSM) during assessment helps identify contamination zones and groundwater sources. Understanding the hydrogeological site characterization supports effective remedial design, leading to streamlined cleanup activities and lower costs for site closure.

Geosyntec's approach to the Southeast Landfill project includes the following steps :



To understand the Southeast Landfill's environmental impact, we reviewed public and PCSWD-provided documents. The subsurface lithology mainly consists of sands and sporadic silty sand zones separating the upper and lower surficial aquifer zones. Previous DPT investigations (1997 and 2023) documented the depth and extent of groundwater contamination in the upper surficial aquifer zone. Benzene and other contaminants were identified through monitoring well and DPT results. The plume between the shallow and lower surficial aquifer intervals (25-55 ft bls) on the downgradient edge of the Landfill has not yet been assessed (see preliminary CSM and remedial option schematics in Tab 3).

Current data shows the plume disperses vertically, indicating a potential deep treatment zone, likely due to stormwater infiltration into the adjacent detention pond. Geosyntec recommends a high-resolution DPT investigation to efficiently define the plume extent. This targeted investigation will identify the contaminant flux interval downgradient of the Landfill, minimizing the need for additional monitoring wells. The objective is to delineate COCs and provide data for in-situ treatment or groundwater recovery, limiting remedial design costs.


Based upon our understanding of the CSM, we propose four remedial options to discuss with PCSWD. Each option has its own set of advantages, disadvantages, costs, and schedules. Input from PCSWD, completion of the site assessment, and discussions with regulators are critical work elements prior to selecting the appropriate final remedy.

Landfill Remedy Option No. 1	Waste Removal/Relocation followed by Groundwater Monitoring
<p>Description</p>	<p>This remedy includes the excavation, relocation, and disposal of approximately 570,000 cubic yards (CY) of Class I solid waste to a permitted lined landfill. Based on the passive gas vent boring logs, waste intercepts the groundwater; therefore, the removal of waste will be completed within the shallow groundwater table. It is assumed that the source of VOCs in groundwater are removed by the excavation.</p> <p>As a low-cost innovative remedial measure, this option includes leaving the exposed groundwater within the footprint of the unlined Landfill open to atmosphere for enhanced volatilization. Open hole air sparging and/or placing amendments in the excavation could be used to address residual shallow groundwater contamination.</p> <p>Following waste removal, additional groundwater monitoring wells are required to collect data needed to evaluate natural attenuation of VOCs in groundwater. A minimum of one year of groundwater monitoring from an adequate monitoring well network would be required to evaluate stable and/or shrinking groundwater impacts for ultimate site closure.</p>
<p>Advantages</p>	<ul style="list-style-type: none"> • Removing the source from the 11.8 acres of the Landfill that does not have an impervious final cover will reduce and ultimately eliminate infiltration of rainfall through the waste within that area. • Reduces leachate generation which reduces transport of VOCs into groundwater. • Improves groundwater quality.
<p>Disadvantages</p>	<ul style="list-style-type: none"> • Requires evaluation of existing stormwater facilities and potential modification to accommodate increased runoff. • Requires stormwater permitting. • A continuing source of VOC contamination could still be present below the areas where waste was removed. In addition, it is unknown if waste in the capped portion of the Landfill to the west was disposed of in the groundwater and possibly contributing to contamination. Thus, groundwater contamination may not be reduced by only removing the source from the Landfill. • Additional remediation may still be necessary to address residual groundwater contamination. • Potentially requires solid waste permitting to allow waste excavation and for final closure design if not otherwise authorized under the Consent Order or Chapter 62-780, F.A.C.
<p>Estimated Timeframe</p>	<ul style="list-style-type: none"> • Design and permitting – 8 months. • Waste removal – 1 to 2 years, assuming 1,500 CY of waste can be hauled per day. • Minimum groundwater monitoring – 1 year.
<p>Estimated Cost</p>	<p>The estimated cost is between \$32,000,000 to \$40,000,000 for design, regulatory agency coordination, permitting, construction management, construction quality assurance, and reporting.</p> <p>One year of groundwater monitoring and reporting would cost approximately \$80,000. This is a high-cost remedy for the relatively minor concentrations of VOCs in the groundwater and other remedies that can effectively remediate those impacts for a significantly lower cost. In addition, even with the removal of waste, groundwater remediation may still be required.</p>
<p>Additional Information</p>	<p>Given the significant cost of this remedy, if this option is chosen, a cost and value engineering evaluation should be considered to compare costs associated with offsite transport and disposal of the wastes versus permitting, design, and construction of a new final cover with a geomembrane barrier layer for the Landfill within the site property boundary.</p>

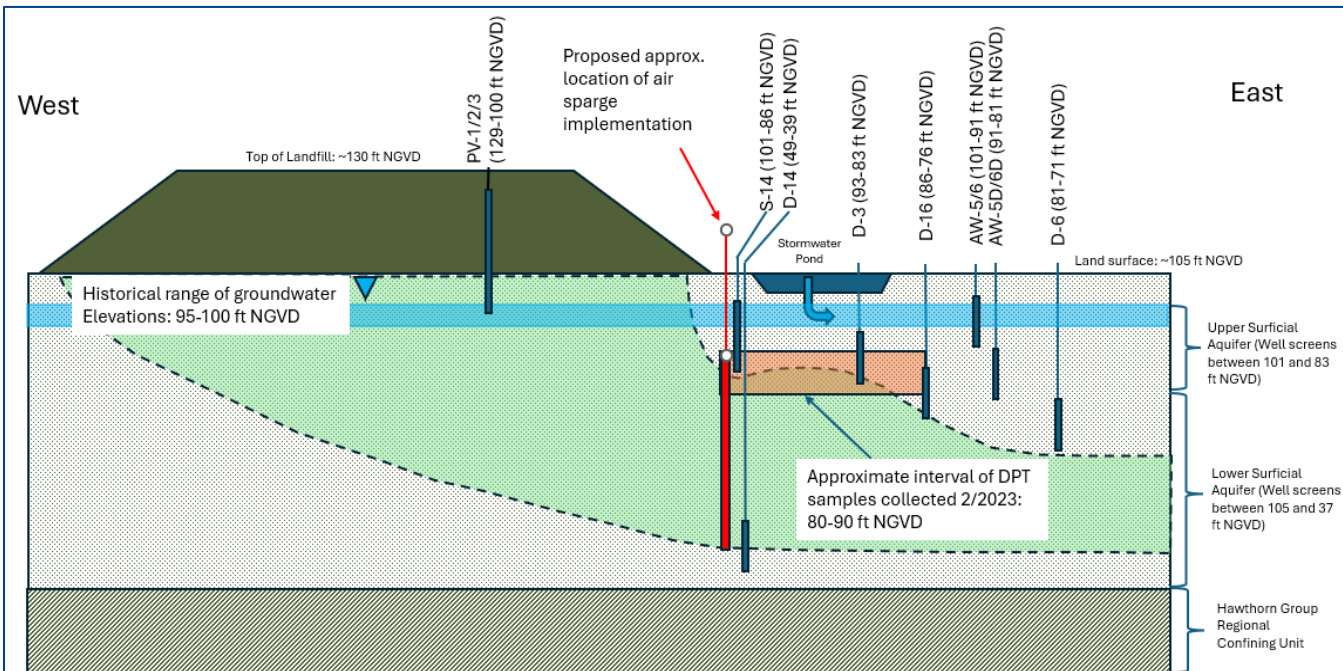
Landfill Remedy Option No. 1	Waste Removal/Relocation followed by Groundwater Monitoring
	Groundwater dewatering may be necessary to excavate waste below the groundwater surface; however, long-reach excavators could be utilized to minimize dewatering and save costs.

Landfill Remedy Option No. 2	Landfill Cap + Groundwater Treatment followed by Groundwater Monitoring
<p>Description</p>	<p>This remedy includes the design, permitting, and installation of an impermeable final cover system (cap) constructed over the 11.8-acre portion of the Landfill without an existing impervious cover to reduce stormwater infiltration through waste, and reduce leachate generation. The proposed final cover would tie in to the existing final cover for the closed cell located west of the Landfill. Passive venting wells would be installed to reduce the concentration of VOCs gases below the final cover.</p> <p>The construction of an impermeable final cover would reduce leaching of VOCs within the solid waste; however, it is unknown if the cell west of the Landfill, that has been closed for more than 33 years, is also contributing to groundwater contamination. Since groundwater impacts are relatively minor, installing an impermeable final cover over the Landfill is a high-cost option that may not fully remedy the existing groundwater impacts alone. Therefore, this option includes a groundwater remedy, either air sparge or engineered phytoremediation, on the downgradient edge of the Landfill.</p> <p>Additional groundwater monitoring wells are required to collect data to evaluate natural attenuation of VOCs in groundwater. A minimum of 5 years of groundwater monitoring is needed for this option to evaluate if the VOC plume in groundwater is shrinking or stable to support ultimate site closure.</p> <p>Should an impermeable final cover system (cap) be required as part of the closure remedy, Geosyntec will perform the following tasks to design and permit the cap:</p> <ul style="list-style-type: none"> • Engage County and FDEP solid waste and environmental resource permitting (ERP) staff early in the design process to confirm design and permitting requirements. • Model pre-existing stormwater management system to characterize current site conditions. • Design the cap, including: barrier layer design, grading of top deck and side slopes; design of drainage system; evaluate percolation and runoff performance of final cover system; evaluate pre- versus post-construction runoff and revise design of surface water management system to accommodate additional runoff, if necessary; evaluate erosion potential, stability, and settlement of final cover system; prepare bid form, technical specifications, and Construction Quality Assurance (CQA) Plan for closure construction. • [If necessary] Prepare Solid Waste Permit Modification Application to allow for construction of cap and possible revision to Closure Operation Plan. • [If necessary] Prepare ERP application to allow modifications to the existing stormwater management system.
<p>Advantages</p>	<ul style="list-style-type: none"> • Reduces infiltration of rainfall through the waste within the 11.8-acre portion of the Landfill currently without an impervious final cover. • Reduces leachate generation which reduces transport of VOCs into groundwater. • Improves groundwater quality.
<p>Disadvantages</p>	<ul style="list-style-type: none"> • Requires evaluating existing stormwater facilities and potential modification to accommodate increased runoff. • Requires stormwater permitting. • Requires additional passive venting wells to reduce potential accumulation of landfill gas beneath liner.

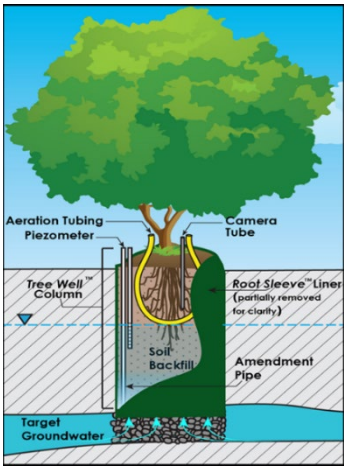
Landfill Remedy Option No. 2	Landfill Cap + Groundwater Treatment followed by Groundwater Monitoring
	<ul style="list-style-type: none"> • A continuing source of VOC contamination could be present in and below the waste, and perhaps from the closed cell west of the Landfill. Thus, transport in groundwater may not be reduced by only installing a liner. • Additional remediation may still be necessary to address residual groundwater contamination. • Potentially requires solid waste permitting to allow waste excavation and for final closure design if not otherwise authorized under the Consent Order or Chapter 62-780, F.A.C.
Estimated Timeframe	<ul style="list-style-type: none"> • Design and permitting – 6 months. • Liner construction and certification – 8 months. • Groundwater remediation design and implementation – Option No. 3 or 4 (see below). • Minimum groundwater monitoring – 5 years.
Estimated Cost	<p>The estimated cost is between \$4,000,000 to \$5,000,000 for design, regulatory agency coordination, permitting, construction management, and CQA oversight.</p> <p>As discussed above, implementing an air sparging curtain (Option 3) or an engineered phytoremediation system (Option 4) may be required and could add between \$1,000,000 to \$3,000,000 to the cost estimate for design and implementation.</p> <p>Groundwater monitoring costs for 20 years at \$80,000/year would be \$1,600,000, plus the operational costs for the air sparge system, if selected.</p>
Additional Information	<p>The unlined portion of the Landfill has been exposed to infiltration through waste for at least 33 years which has resulted in minor VOC impacts to groundwater. While the construction of a liner may reduce further infiltration and since the existing infiltration is not causing significant impacts, then a lower cost remedy could be considered to address the VOC contamination.</p>

Landfill Remedy Option No. 3 Air Sparging with Groundwater Monitoring	
Description	<p>This remedy includes the design, installation, and operation of an air sparging curtain on the downgradient 1,650 ft perimeter of the Landfill to remediate VOCs to a depth of 85 ft bls in groundwater and mitigate the migration of groundwater outside of the zone of discharge. Prior to design, additional assessment will be completed to refine the horizontal extents and vertical depths of impacted groundwater to ensure the air sparge design is focused on impacted groundwater. In addition, an air sparging pilot test will be conducted to obtain design parameters such as radius of influence and injection pressure and flow rates which will also ensure the remedy is designed cost-effectively.</p> <p>Additional groundwater monitoring wells are required to collect data needed to evaluate remediation of VOCs in groundwater. A minimum of 5 years of groundwater monitoring is needed for this option to evaluate if the VOC plume in groundwater is shrinking or stable to support ultimate site closure.</p> 
Advantages	<ul style="list-style-type: none"> • Air sparging is a proven and effective technology for addressing VOCs in groundwater. • Technology easily allows for optimization and focused air sparging in areas with higher groundwater concentrations. • Mitigates the migration of VOCs in groundwater outside the zone of discharge. • No capture of vapors is required given the current site usage. • It can be readily implemented at the site at a relatively low cost. • Large portion of infrastructure is below ground. • System can be modified and expanded at relatively low costs. • Annual operation and maintenance costs are relatively low.
Disadvantages	<ul style="list-style-type: none"> • The source of VOCs in groundwater would not be directly addressed by the air sparging curtain extending the duration of remediation, unless horizontal wells are incorporated into the design. • The air sparging system would be operated long-term until the source of VOCs in groundwater attenuates, groundwater upgradient of the air sparge curtain is below GCTLs, or groundwater quality can be demonstrated as stable and/or shrinking
Estimated Timeframe	<ul style="list-style-type: none"> • Pilot testing, design and permitting – 6 months. • Remedy system implementation and certification – 8 months. • Minimum groundwater monitoring – 5 years. <p>The estimated remediation timeframe for air sparging without source treatment is approximately 20+ years.</p>
Estimated Cost	<p>Based on the available groundwater monitoring data, one row of sparge wells would be installed on the downgradient perimeter. The estimated cost is approximately \$700,000 to \$900,000 for the pilot test, full-scale design, installation, and startup of a typical air sparge system consisting of approximately 80 to 100 air sparging wells.</p> <p>Typical annual operation, maintenance, groundwater monitoring, and reporting costs are approximately \$200,000 per year; however, a reduction of the monitoring burden can be</p>

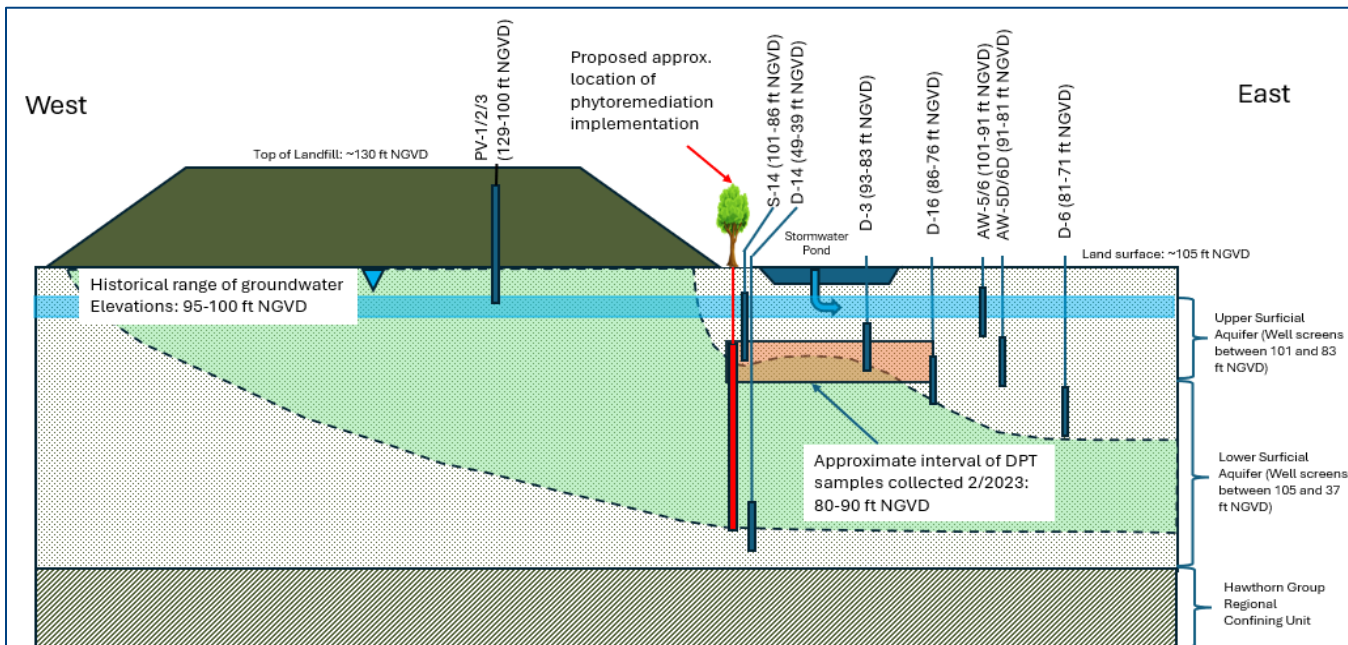
Landfill Remedy Option No. 3 Air Sparging with Groundwater Monitoring	
	reduced (expected 50% reduction) through negotiation with FDEP upon demonstration of effective remediation of the downgradient plume. Over a 20-year period, this is expected to range from approximately \$3,400,000 to \$4,000,000.
Additional Information	<p>Due to varying permeability soils in the aquifer, two rows of air sparge wells may be required following pilot testing. Geosyntec will provide an innovative design for zoned operation of the air sparge wells reducing the cost associated with the compressor while still providing adequate groundwater treatment (photo of zoned operation shown to right). It also is known to accelerate cleanup timeframes by reducing preferential pathways. Bio-sparging using horizontal wells could also be evaluated as an innovative approach to address VOCs in groundwater beneath the base on the landfill to further accelerate the cleanup time frame.</p> <p>Air sparging is a relatively simple remedial system to maintain. Geosyntec could train Polk County staff on how to operate the system, decreasing annual O&M costs.</p> <p>Our closure vision is to secure Risk Management Level III (RMO III) closure order from FDEP within five years of air sparge system installation through the demonstration of a delineated and stable plume.</p>



Schematic of preliminary CSM configuration and proposed location of air sparge remediation implementation.

Landfill Remedy Option No. 4 Engineered Phytoremediation System followed by Groundwater Monitoring	
Description	<p>This remedy includes an engineered phytoremediation system on the downgradient perimeter of the Landfill to hydraulically contain the VOC groundwater impacts. Traditional phytoremediation approaches involve conventional planting to treat impacted soil and groundwater; however, the depth of roots and depth of which uptake of groundwater can occur is relatively shallow. Over the last decade, Geosyntec has designed several engineered phytoremediation systems to control plant growth, manage site conditions, and most importantly, target the zone of groundwater uptake for remediation purposes as an alternative to higher O&M cost remedies such as pump and treat, hydraulic control systems, or air sparge systems if site conditions are suitable. A schematic of a typical engineered phytoremediation system is shown.</p>  <p>Prior to design, additional assessment will be completed to refine the horizontal extents and vertical depths of impacted groundwater to ensure the engineered phytoremediation system captures impacted groundwater. Based on preliminary site data, the engineered phytoremediation system includes approximately 200 to 400 TreeWells. The engineered system would target uptake of contaminated groundwater for tree growth. The targeted approach maximizes contaminated groundwater uptake and reduces the mass flux outside of the zone of discharge. Based on the relatively low concentrations of VOCs in groundwater, no amendments to the engineered phytoremediation system are anticipated. Additional groundwater monitoring wells are required to collect data to evaluate remediation of VOCs in groundwater. A minimum of 5 years of groundwater monitoring is needed for this option to evaluate if the VOC plume in groundwater is shrinking or stable to support ultimate site closure.</p>
Advantages	<ul style="list-style-type: none"> • After two to three growing seasons, engineered phytoremediation requires only limited maintenance. • Eliminates ongoing labor and expenses costs related to mechanical and electrical troubleshooting and repairs associated with other remedial alternatives. • Engineered phytoremediation is a proven and effective technology for addressing VOCs in groundwater. • Mitigates the migration of VOCs in groundwater outside the zone of discharge. • Readily implementable at the site at a relatively low cost. • Once the TreeWell grove is established, the remedial action is self-sustaining and passive.
Disadvantages	<ul style="list-style-type: none"> • The source of VOCs in groundwater is not directly addressed by the engineered phytoremediation system. • Engineered phytoremediation systems are above ground and require open areas of land for planting.
Estimated Timeframe	<ul style="list-style-type: none"> • Design, regulatory review, and installation – 6 to 14 months. • Minimum groundwater monitoring – 5 years. <p>The estimated remediation timeframe for engineered phytoremediation without source treatment is approximately 20+ years.</p>
Estimated Cost	<p>Based on the available groundwater monitoring data, 200 to 400 TreeWells are needed. The estimated cost is between \$1,500,000 to \$2,700,000 for full-scale design and</p>

Landfill Remedy Option No. 4	Engineered Phytoremediation System followed by Groundwater Monitoring
	<p>installation of an engineered phytoremediation system. The range of potential costs are due to the uncertainties of the primary groundwater contaminant migration interval. If the migration interval is deeper, the costs will increase. The ideal location for the TreeWells installation is directly adjacent to the Landfill where the depth to groundwater contamination is shallower.</p> <p>Typical tree monitoring, groundwater monitoring, and reporting costs are less than \$80,000 per year; however, a reduction of the monitoring burden can be reduced (expected 50% reduction) through negotiation with FDEP upon demonstration of effective remediation of the downgradient plume. Over a 20-year period ongoing monitoring and reporting is expected to range approximately \$1,000,000 to \$1,600,000.</p>
<p>Additional Information</p>	<p>The density of TreeWells is based upon the groundwater flux rate within the contamination plume. The property available for implementing TreeWells on the northside of the Landfill appears to be approximately 50 feet which is enough room for up to 3 rows of TreeWells and approximately 70 feet on the east side of Landfill which is enough room for up to 5 rows of TreeWells. Typically, TreeWells are installed on 20-foot centers in staggered rows. Complete capture of the VOC plume appears to be possible; however, complete capture may not be required since the concentrations of benzene are relatively low which would necessitate removal of only a portion of the groundwater flux. As noted above, additional site assessment activities will be conducted to collect data necessary to optimize the design and possible reduce the number of TreeWells required to contain the dissolved phase VOC plume.</p> <p>Our closure vision is to secure an RMO III closure order from FDEP within 5 years of phytoremediation system installation. Geosyntec has received an RMO III closure on a site where TreeWells have been installed following documentation of downgradient plume stability.</p>



Schematic of preliminary conceptual site model configuration and proposed location of engineered phytoremediation implementation.

TAB 3.

Experience, Expertise, Personnel & Technical Resources



TAB 3 | Experience, Expertise, Personnel & Technical Resources – Project Descriptions

- a. **Project type:** Landfill Closure Design and Construction Oversight
- b. **Name and location:** Lakeland Electric By-Products Storage Area (BSA) Coal Combustion Residual Landfill Closure, C. D. McIntosh Power Plant, Lakeland, FL
- c. **Brief description:** Geosyntec conducted a closure evaluation alternatives study to assist Lakeland Electric in selecting the option of closure in-place. The selected alternative was closure using the ClosureTurf® system. Geosyntec developed multiple calculation packages, including slope stability analysis, final cover settlement analysis, stormwater management system design, infiltration analysis, and the ClosureTurf® design package (covering wind uplift, infill erosion resistance, and geosynthetic longevity). At the 60% design stage, Lakeland Electric management decided to switch from the ClosureTurf® system to a traditional closure with a liner and 2-foot soil cover, necessitating new calculation packages to support the revised design.

The permit application for closure had to meet the requirements of Chapter 62-701, FAC, the federal CCR rule. Consequently, Geosyntec prepared a major permit modification application for the Closure Plan. Following the permit application submittal review, they prepared and issued bid design drawings, technical specifications, and a Construction Quality Assurance (CQA) Plan for the project. Geosyntec also provided bid support by attending an onsite pre-bid Meeting; responding to contractor questions or requests for clarifications during the bid event; and participating in the bid review meeting with Lakeland Electric to review contractor proposals.

Geosyntec was awarded the CQA services for the BSA closure. The project includes CQA testing, monitoring, reviewing submittals, generating reports, observing soil placement, monitoring geosynthetics, overseeing stormwater installation, and preparing the final certification report for FDEP
- d. **Project representative name, address, phone number, and email address:**
Sean P. McGinnis, CHMM; 501 E Lemon St, Lakeland FL 33801; PH: 813-363-0807;
Sean.McGinnis@lakelandelectric.com
- e. **Size and cost:** The BSA is approximately 44 acres and all services total \$885,300.
- f. **Contract start and end date:** April 2021 - Ongoing
- g. **Date associated construction project was started and completed or is anticipated to be completed:** March 2024; Completion anticipated December 2024
- h. **List any time extension and the reasoning for the extension:** A three-month time extension was granted due to two hurricanes and the resulting rework for inclement weather.
- i. **If the construction project has been completed, please identify how long it has been operating and if it has been successful:** NA.
- j. **Brief description of the Proposer's role/responsibility in the project:** Engineer of record (EOR) for design, permitting, and construction oversight.
- k. **Brief description of any innovative approaches the Proposer used in designing the project:** Initial design was to be completed with ClosureTurf® system.
- l. **Identify the key staff assigned and their role in the project:** Todd Anderson, PE (EOR, design, and permitting); Bishow Shaha, Ph.D, PE (EOR, construction oversight)
- m. **Provide the original budget and the final budget of the project. Explain the reason(s) for differences, such as owner requested change, contractor claim, and insufficient plans and specifications:** Original budget was \$679,100. Final Budget of \$885,300 due to design change, requested additional bid support services, and construction delays (hurricanes).

- a. **Project type:** Engineering Controls
- b. **Name and location:** Bonnet Springs Park, Lakeland, FL

Brief description: This Florida brownfield project transformed the former CSXT railyard into Bonnet Springs Park (BSP) near downtown Lakeland. The railyard received conditional regulatory closure from FDEP in 2019 under commercial/industrial land-use settings. To convert the property to a recreational setting, the site-wide average arsenic concentration in the soil had to be reduced from 12 milligrams per kilogram (mg/kg) to 5.5 mg/kg to meet regulatory requirements and gain FDEP approval. Geosyntec worked with the project architect to design a soil remedy that incorporated landscape design elements while focusing on the primary objective of eliminating offsite soil disposal by consolidating the impacted soil on the property with an engineering control (EC). The remedial approach involved iterative soil sampling and screening to remove the highest identified arsenic concentrations from the final projected grade elevation across the site, ensuring with 95% confidence that the remaining soil at grade had an average arsenic concentration below the recreational standard of 5.5 mg/kg. The soil with elevated arsenic concentrations and that from sitewide grading was placed in two mounds on the flat-lying former railyard to create a viewshed for the park. These mounds were capped with two feet of clean soil (per Ch. 62-777, FAC) to serve as perpetual ECs, preventing exposure of park visitors to soil contaminants. Geosyntec provided construction oversight of soil removal and movement and regularly updated FDEP on progress. Arsenic concentrations in the final 0 to 0.5 ft and 0.5-2 ft of the soil subgrade were demonstrated to be below the recreational-use soil cleanup target level of 5.5 mg/kg with 95% confidence, achieving the design objectives. Our No Further Action Proposal was approved by FDEP in 2020, and deed restrictions were recorded in early 2023.



Key

A. WELCOME CENTER GIFT SHOP, HISTORY GALLERY AND COFFEE SHOP	E. THE DEPOT CAFE ROOFTOP GARDEN AND BAR	I. SPRINGHEAD	N. PEACE PAGODA
B. CIRCULATOR	F. FAMILY LAWN	J. EVENT CENTER BALLROOM AND OUTDOOR KITCHEN	O. NATURE CENTER
C. HERITAGE GARDENS TRAIN PLAYGROUND	G. PLAYGROUND	K. BOTANICAL GARDENS	P. BATHHOUSE
D. FLORIDA CHILDREN'S MUSEUM	H. MABLE THE OWL'S WORKOUT STATION	L. GREENHOUSE	Q. TREEHOUSE
		M. BUTTERFLY HOUSE	R. CANOPY WALK

- c. **Project representative name, address, phone number, and email address:** Josh Henderson, 400 Bonnet Springs Blvd, Lakeland, FL 33815, 863-732-7000, josh@bonnetspringspark.com
- d. **Size and cost:** \$651,566
- e. **Contract start and end date:** September 2018 to March 2023
- f. **Date associated construction project was started and completed or is anticipated to be completed:** 2021
- g. **List any time extension and the reasoning for the extension:** Multiple weather delays such as Hurricane Ian in 2021.
- h. **If the construction project has been completed, please identify how long it has been operating and if it has been successful:** BSP opened in October 2022 and the ECs have been unaffected.
- i. **Brief description of the Proposer's role/responsibility in the project:** Regulatory negotiation, remedial design, implementation, oversight, reporting, and regulatory closure/administration.
- j. **Brief description of any innovative approaches the Proposer used in designing the project:** Geosyntec's soil sampling plan used a portable X-ray Fluorescence meter to screen soil for in-field decision-making to guide soil removal and movement to the ECs.
- k. **Identify the key staff assigned and their role in the project:** Todd Kafka, PG; Matt Wissler, PG
- l. **Provide the original budget and the final budget of the project. Explain the reason(s) for differences, such as owner requested change, contractor claim, and insufficient plans and specifications.** Original budget of \$416,730 increased due to unexpected findings of elevated arsenic across the site and frequent design changes to the final grade elevation by the architect that required rework in certain areas of the site.

a. Project type: Source Removal

b. Name and location: Monex Class I Landfill, 5255 W. Grover Cleveland Boulevard, Homosassa Springs, Citrus County, Florida

c. Brief description: This 18.6-acre landfill was used for disposal of coal ash which is classified as a Class I waste. It was closed in 1990 and completed long-term care in 2010. The closed landfill contained approximately 1.0 million cubic yards of coal ash which is a valuable feedstock for cement plants. Since 2014, Geosyntec has supported the client in evaluations for the beneficial use of the coal ash, including an assessment of the ash properties and extent. We used the FDEP guidance document entitled “Guidance for Disturbance and Use of Old Closed Landfills or Waste Disposal Areas in Florida” to prepare an Excavation and Beneficial Use Plan (EBUP) for removing the coal ash and transport to a nearby cement plant; and closing the mined landfill. Analysis of the historical groundwater data was completed to evaluate potential effects of removing the approved cap on groundwater conditions. The EBUP was submitted to the FDEP Southwest District in June 2021 and was approved in October 2021. The coal ash removed is ongoing in a phased approach, with anticipated completion by 2028.



d. Project representative name, address, phone number, and email address:

Kirk Wills, Waste Connections of Florida, Inc., 5135 Madison Avenue, Tampa, Florida 33619, kirk.wills@wasteconnections.com

e. Size and cost: 18.6- acre landfill; \$63,957 (Geosyntec fees)

f. Contract start and end date: June 2014 to October 2021

g. Date associated construction project was started and completed or is anticipated to be completed: Started in 2021; anticipated to be completed in 2028.

h. List any time extension and the reasoning for the extension: None

i. If the construction project has been completed, please identify how long it has been operating and if it has been successful: Mining of ash is ongoing.

j. Brief description of the Proposer’s role/responsibility in the project: Geosyntec led the ash characterization and assessment phase of the project; prepared the EBUP, and negotiated an approval from the FDEP Southwest District Solid Waste Section.

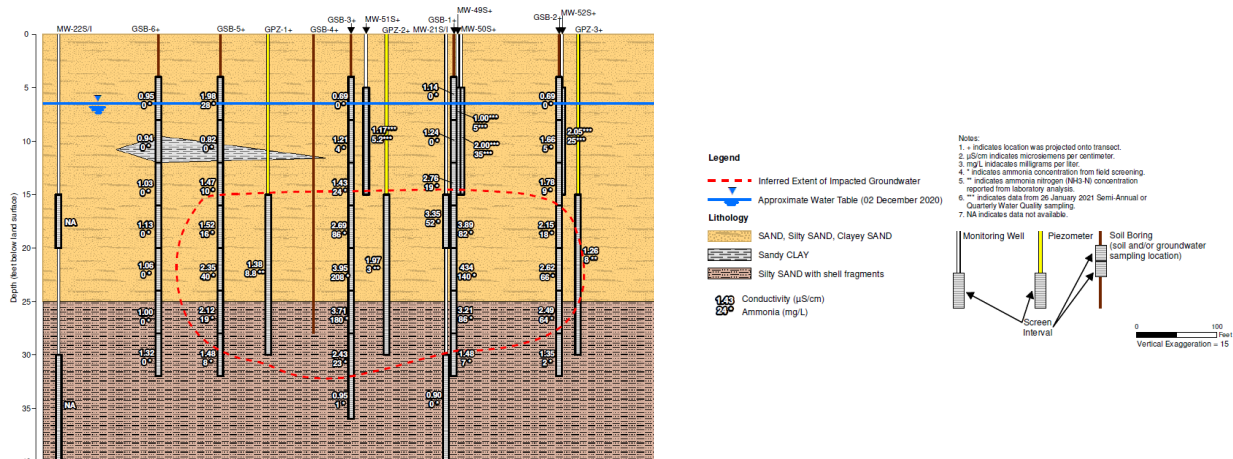
k. Brief description of any innovative approaches the Proposer used in designing the project: A unique approach using FDEP’s Old Dump Guidance to create the EBUP by combining applicable provisions from both the Excavation and Disposal Plan and the Recycling Plan sections of the guidance to describe the proposed work activities needed for this project.

l. Identify the key staff assigned and their role in the project: Richard Tedder, PE (FDEP coordination and EBUP document lead); Matt Wissler, PG (coal ash assessment and groundwater evaluation); Matt Wissler, PG, and Craig Browne, PE (landfill closure stabilization assessment).

m. Provide the original budget and the final budget of the project. Explain the reason(s) for differences, such as owner requested change, contractor claim, and insufficient plans and specifications: Original and final cost was \$63,957.

- a. **Project type:** Engineering Controls
- b. **Name and location:** Landfill Engineering Design and Permitting Services, 6337 Da Lisa Road, Milton, Santa Rosa County, FL
- c. **Brief description:** Design and permitting of a 64-acre lateral and vertical expansion of an existing Class I landfill to provide 38 years of additional disposal life. The landfill expansion involved comprehensive upgrades and relocation of existing leachate infrastructure, new 4-acre leachate storage facility, and relocation of electrical and telecom utilities. Geosyntec led the hydrogeological, geotechnical, and ecological site investigations; full design, and permitting efforts associated with the lateral expansion. Of key relevance, the project involved a comprehensive redesign of the final cover system and associated stormwater management system, including solid waste and ERP permitting.
- 
- d. **Project representative name, address, phone number, and email address:**
Kaz Szymoniak, 6051 Old Bagdad Hwy, Suite 301, Milton, Florida 32583, 850-981-7139, kzs@santarosa.fl.gov
- e. **Size and cost:** 64-acres; \$9,239,998 construction cost for initial 15-acre cell and 4-acre leachate storage facility.
- f. **Contract start and end date:** March 2017 – July 2018
- g. **Date associated construction project was started and completed or is anticipated to be completed:** July 2018 to January 2020
- h. **List any time extension and the reasoning for the extension:** Project construction period extended 22 weeks due to weather delays.
- i. **If the construction project has been completed, please identify how long it has been operating and if it has been successful:** Project has been successfully operating for four years.
- j. **Brief description of the Proposer's role/responsibility in the project:** Geosyntec was responsible for all design, permitting, bid support, and construction quality assurance.
- k. **Brief description of any innovative approaches the Proposer used in designing the project:**
Geosyntec designed the lateral expansion over the footprint of three existing leachate sump manholes. The expansion design extended the existing gravity drainage corridors and consolidated leachate removal for three existing cells using a sideslope sump riser system. Due to the depth of one existing leachate collection manhole, a sheet piling system was utilized during construction to facilitate tie-ins and minimize the quantity of Class I waste excavation required.
- l. **Identify the key staff assigned and their role in the project:** Craig Browne, PE (Project Manager); Matt Wissler, PG (Hydrogeological Site Investigation Lead); Dan Schauer, PG (Project Director); Rick Hastie (CQA Manager).
- m. **Provide the original budget and the final budget of the project. Explain the reason(s) for differences, such as owner requested change, contractor claim, and insufficient plans and specifications:** \$578,495 (original budget) and \$613,195 (final budget). Budget addendum due to additional effort to respond to regulatory comments on ERP application and for additional owner-requested scope to design leachate pond aerator system.

- a. **Project type:** Groundwater Remediation System
- b. **Name and location:** Indian River County Inactive C&D Landfill Evaluation Monitoring and Phytoremediation Design, Vero Beach, FL
- c. **Brief description:** Geosyntec was initially tasked with supporting the County with evaluation monitoring related to exceedances of benzene and sodium outside of the zone of discharge and to review the design of a previously designed pump and treat system. Observations indicated the plume was not adequately assessed and an additional assessment consisting of high-resolution groundwater screening using DPT sampling and field analytical methods to screen for leachate indicators was completed. A passive phytoremediation treatment approach using TreeWells® was designed to capture the plume prior to discharge into a nearby canal. Design was submitted to FDEP.
- d. **Project representative name, address, phone number, and email address:** Himanshu Mehta, PE, 1325 74th Avenue SW, Vero Beach, FL 32968, 772-770-5112, hmehta@indianriver.gov
- e. **Size and cost:** The inactive C&D Landfill project area spans approximately 30 acres. The cost of the groundwater remediation system-related project (including site assessment, monitoring and remedial phases) was \$201,132.55.
- f. **Contract start and end date:** October 2020 through May 2022.
- g. **Date associated construction project was started and completed or is anticipated to be completed:** Project has not been constructed yet. The assessment and design have been completed.
- h. **List any time extension and the reasoning for the extension:** None.
- i. **If the construction project has been completed, please identify how long it has been operating and if it has been successful:** The assessment to support the phytoremediation system design and the design have been completed, however, not installed yet.
- j. **Brief description of the Proposer’s role/responsibility in the project:** Geosyntec was responsible for site assessment, remediation design and ongoing evaluation monitoring sampling/reporting.
- k. **Brief description of any innovative approaches the Proposer used in designing the project:** High-resolution groundwater assessment using DPT sampling and field analytical methods allowed for the real-time assessment of plume dimensions which avoided additional assessment mobilizations. The passive phytoremediation treatment design using TreeWells® reduced the upfront and future O&M costs of a traditional pump and treat system by the implementation of green technology.
- l. **Identify the key staff assigned and their role in the project:** Matt Wissler, PG (Lead Hydrogeologist); Daniel Montiel, PhD, GIT(Phytoremediation design lead); Zack Munger, PhD, PG(Field lead).
- m. **Provide the original budget and the final budget of the project. Explain the reason(s) for differences, such as owner requested change, contractor claim, and insufficient plans and specifications:** Original and final budget were \$201,132.55.



- a. **Project type:** Groundwater Remediation System
- b. **Name and location:** Former Manufactured Gas Plant, Orlando, FL



- c. **Brief description:** The subject site was a former manufactured gas plant from ~1887 to 1959 which resulted in soil and groundwater impacts by metals, volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and Non-Aqueous Phase Liquids (NAPLs). Geosyntec prepared the 60% preliminary design and final design that included a combination of a subsurface low-permeability barrier wall to 60+ ft (over 1,000 ft in length) keyed into a clay layer; excavation of a tar separator basin, solidification of two NAPL areas internal to the barrier wall; surface soils removal, and dissolved plume treatment outside the barrier wall via air sparging, soil vacuum extraction (SVE), and groundwater extraction. The air sparge and SVE design was based upon the results of a field pilot test conducted in parallel with final design. The final design included flexible exit-strategy focused objectives to facilitate the timely shut-down of the active elements of the remediation system.

Project representative name, address, phone number, and email address: Chris Gasinski, TECO Peoples Gas; 702 N Franklin St Ste 516, Tampa, FL 33602; 813-228-6484; cmgasinski@tecoenergy.com

- d. **Size and cost:** 4 acres and \$7,465,806
- e. **Contract start and end date:** 2014 to current
- f. **Date associated construction project was started and completed or is anticipated to be completed:** The air sparge remediation system construction was completed in June 2020. The air sparge system was started in July 2020.
- g. **List any time extension and the reasoning for the extension:** Minor time extensions (additional two weeks) were requested and approved by the agencies for one air sparge O&M report due to delay in laboratory analytical report submittal.
- h. **If the construction project has been completed, please identify how long it has been operating and if it has been successful:** Air sparge system has been operational for four years and is successfully reducing VOC concentrations in groundwater to meet remedial goals.
- i. **Brief description of the Proposer's role/responsibility in the project:** Geosyntec was responsible for site assessment, remediation design, permitting, bid support, oversight of remediation implementation and air sparge system operation and optimization.
- j. **Brief description of any innovative approaches the Proposer used in designing the project:** Remediation system construction for the groundwater remedy included the installation of 51 air sparge wells, 7 extraction wells, 8 injections wells, 15 vapor extraction wells, and nearly 30,000 ft of underground piping (5.6 miles). Fourteen manifold cabinets were included for the zoned distribution/extraction of air and the injection/extraction wells were configured such that they could be used for injection or extraction to maximize flexibility.
- k. **Identify the key staff assigned and their role in the project:** Joseph Bartlett, PE (Engineer of Record); Dan Schauer, PG (Construction Management Lead);, Fred Chandler, PG (Construction Management Support);, Matt Wissler, PG (Site Assessment Support); and Kevin Warner, PE (Remedial Design Support).
- l. **Provide the original budget and the final budget of the project. Explain the reason(s) for differences, such as owner requested change, contractor claim, and insufficient plans and specifications:** Current budget is \$7,465,806. The project budget was amended several times during the course of the project as additional work scope was added to progress the project towards completion. During design and implementation, Geosyntec identified measures to meet project objectives while reducing capital costs by over \$5 million and anticipated long term remediation costs through effective optimization to minimize the period of active operations.

Polk County Southeast Landfill Engineering Services

RFP No. 24-654 | 11.13.2024



- a. **Project type:** Groundwater Remediation System
- b. **Name and location:** Essilor of America, St. Petersburg, FL
- c. **Brief description:** Geosyntec completed a site assessment for volatile organics in groundwater and surface water and remediation of impacted groundwater. The contamination assessment plans and subsequent remedial investigations included groundwater and surface water investigations that determined the magnitude and source of groundwater contamination, including volatiles at concentrations >100,000 micrograms per liter (indicative of dense non-aqueous phase liquids). Geosyntec prepared FDEP-approved engineering designs that included enhanced bioremediation with pH adjustment, groundwater recirculation to distribute injectate beneath buildings, a soil vapor extraction (SVE) system, and supplemental biostimulation/bioaugmentation with pH buffering events. Geosyntec provided procurement assistance by preparing construction drawings and bid documents with subsequent evaluation. The remedy was implemented with Geosyntec construction oversight. Geosyntec conducted operation and maintenance of the recirculation and SVE systems and evaluated treatment effectiveness. The exit strategy included closure with conditions using Risk Management Option Level III (RMO III) in Chapter 62-780, FAC.
- d. **Project representative name, address, phone number, and email address:** Cynthia J. Bishop (C Bishop Law, PC represented Essilor of America), 8300 Sheen Drive, St. Petersburg, FL 33709 (Site address), 214-893-5646, cbishop@cbishoplaw.com
- e. **Size and cost:** 25.7 acres; \$2,370,000 (Geosyntec fees and expenses).
- f. **Contract start and end date:** October 2011 through August 2022
- g. **Date associated construction project was started and completed or is anticipated to be completed:** Remediation system was installed March 2015; system was decommissioned in August 2021.
- h. **List any time extension and the reasoning for the extension:** Several extensions were required to allow for neighboring property owner review of environmental reports prior to submittal to FDEP.
- i. **If the construction project has been completed, please identify how long it has been operating and if it has been successful:** Remediation system was operated between March 2015 and August 2018. The remediation system resulted in a reduction of plume extent from 20 acres to approximately 5 acres which allowed for demonstration of stable or shrinking plume as required for regulatory closure via RMO III.
- j. **Brief description of the Proposer's role/responsibility in the project:** Geosyntec was responsible for site assessment, remediation design, permitting, bid support, oversight of remediation implementation and regulatory negotiations for closure.
- k. **Brief description of any innovative approaches the Proposer used in designing the project:** Implemented high resolution DPT groundwater sampling, design of simultaneous pump and treat recirculation system to increase pore volume flushing and injectate dispersal below inaccessible areas (i.e. under buildings); and use of low pH bioaugmentation culture to enhance reductive dechlorination in low pH groundwater.
- l. **Identify the key staff assigned and their role in the project:** Ryan Tuttle, PG (Site assessment lead); Matt Wissler, PG (Hydrogeologic support); Rachel Klinger, PE, BCEE (Remedial action plan engineer); Olivia Cain, PE (Engineering implementation lead for remediation system).
- m. **Provide the original budget and the final budget of the project. Explain the reason(s) for differences, such as owner requested change, contractor claim, and insufficient plans and specifications:** Numerous project budgets were approved between October 2011 and August 2022. No change orders were required because additional project work was incorporated into subsequent project authorizations.



- a. **Project type:** Groundwater Remediation System
- b. **Name and location:** TECO PGS Former Manufactured Gas Plant, Tampa, FL
- c. **Brief description:** Following manufactured gas plant (MGP) operations in 1960, MGP residuals including free phase light and dense non-aqueous phase liquid (LNAPL and DNAPL), were observed in soils and groundwater within a 19-acre area. Geosyntec identified and designed an innovative remedial strategy to remove mobile NAPLs and achieve stable groundwater concentrations for a risk-based site closure. A MPE system was designed to treat the impacts in three phases resulting in overall cost savings. The MPE system recovered over 10,000 gallons of NAPL during Phases 1 and 2 and achieved FDEP approval for shutdown in 2018. Implementation of Phase 3 commenced in March 2020.
 
- d. **Project representative name, address, phone number, and email address:**
Chris Gasinski, TECO Peoples Gas; 702 N Franklin St Ste 516, Tampa, FL 33602; 813-228-6484; cmgasinski@tecoenergy.com
- e. **Size and cost:** 19-acres and \$3,642,956 (Phase 3)
- f. **Contract start and end date:** 2014 to current (Phase 3 design commenced in 2019)
- g. **Date associated construction project was started and completed or is anticipated to be completed:** Phase 3 construction of the MPE system occurred between March and July 2020.
- h. **List any time extension and the reasoning for the extension:** No time extensions were requested for the design and construction of the project. Due in part to the advance negotiations conducted with the FDEP Southwest District, design documents were approved with no substantial comments allowing for quick transition to field implementation. Additionally, with a focus on system optimization, Geosyntec obtained remedial goals and terminated active remedial activities on Phase 1 and 2 within three years of startup.
- i. **If the construction project has been completed, please identify how long it has been operating and if it has been successful:** Phase 3 MPE system operation commenced in July 2020. After four years of operation the MPE system has recovered over 75,000 gallons of NAPL and is expected to cease in 2025 following the attainment of remedial goals.
- j. **Brief description of the Proposer's role/responsibility in the project:** Geosyntec's role was to design an innovative remedial strategy to remove mobile NAPLs and achieve stable groundwater concentrations for a risk-based site closure.
- k. **Brief description of any innovative approaches the Proposer used in designing the project:** Geosyntec integrated innovative (and cost saving) remedial design elements in the MPE system design including utilizing wells for both extraction and injection; integrating above ground flexible hoses to optimize NAPL recovery; and designing for multiple discharge locations. The innovative design and approach were recognized in 2016 as the Grand Prize winner of the Excellence in Engineering and Science Award for the Small Project category hosted by the American Academy of Environmental Engineers and Scientists.
- l. **Identify the key staff assigned and their role in the project:** Rachel Klinger, PE, BCEE (Engineer of Record); Kevin Warner, PE (Engineering Support);, Joe Bartlett, PE (Engineering Support); Matt Wissler, PG (Hydrogeologic Assessment Lead);, Chip Carwell, PE and BJ Shultz (Construction Management Leads)
- n. **Provide the original budget and the final budget of the project. Explain the reason(s) for differences, such as owner requested change, contractor claim, and insufficient plans and specifications:** Original budget was \$3,046,027. Current budget is \$3,642,956. Budget increase associated with decommissioning of MPE system after achievement of remedial goals.

- a. Project type:** Groundwater Remediation System
- b. Name and location:** CPC, Pompano Beach, FL
- c. Brief description:** Geosyntec carried out groundwater sampling at the site, focusing on the delineation of contaminants such as 1,4-dioxane (which had not been previously tested in groundwater), Lindane, and over 20 other VOCs. The sampling revealed the presence of 1,4-dioxane in source area monitoring wells, treatment system recovery and infiltration gallery wells, as well as downgradient plume monitoring wells. The delineation of the contaminant plume was completed to the FDEP's satisfaction within approximately a year.

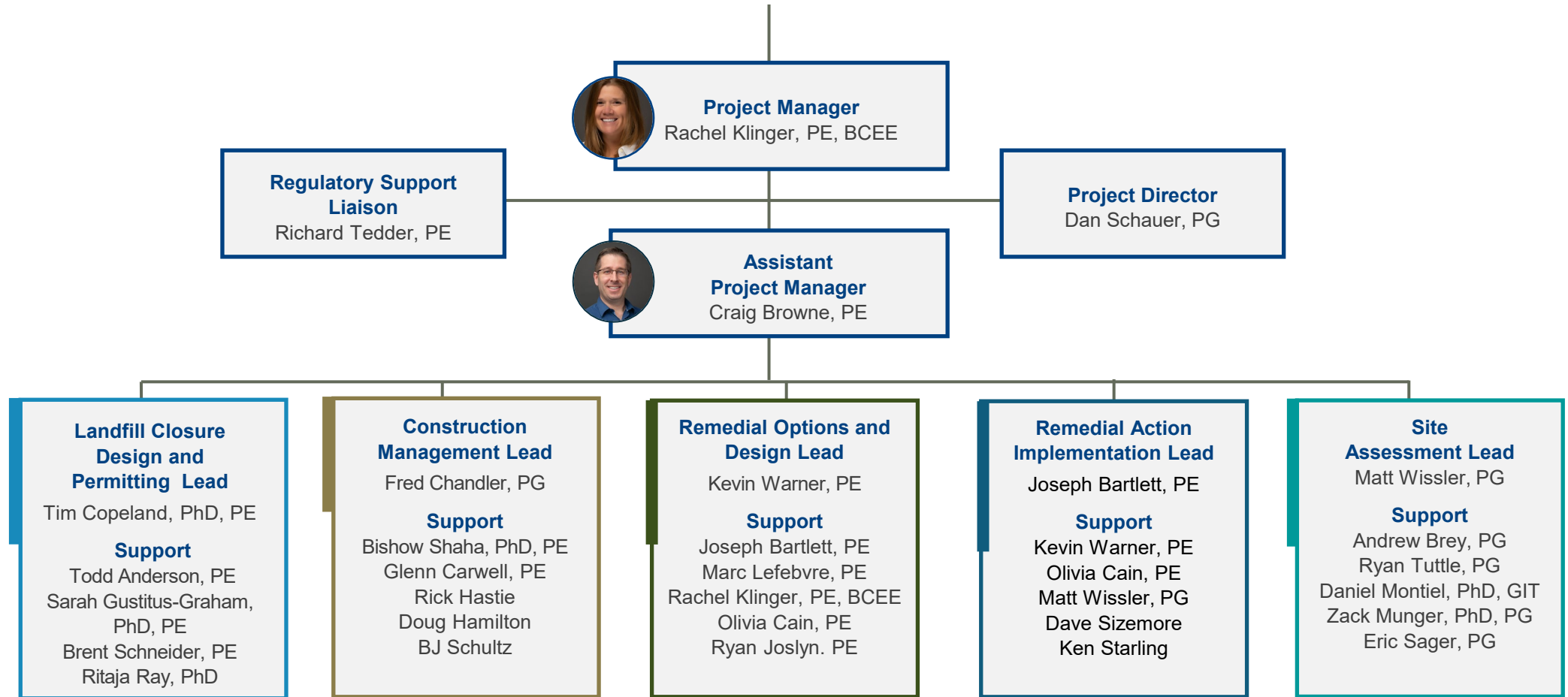


Geosyntec supported the client in making decisions regarding remedial strategies by evaluating an existing pump and treat (P&T) system that had been unable to operate at its designed capacity and did not adequately treat the contaminants involved. Geosyntec assessed the feasibility of various system amendment technologies and operational methods, enabling the client to continue operating the existing system while achieving groundwater Cleanup Target Levels (GCTLs), staying below Hazardous Air Pollutant emission standards, and treating compounds like 1,4-dioxane and Lindane detected in the treated effluent of the current P&T system.

The client instructed Geosyntec to conduct an onsite pilot study in a section of the aquifer using Modified Fenton's Reagent (MFR). This study demonstrated significant treatment of 1,4-dioxane and other site contaminants. Subsequently, the client directed Geosyntec to enhance the design of the existing P&T system, incorporating an Advanced Oxidation for Water Reuse (HiPOX) system to treat 1,4-dioxane in groundwater, as well as activated carbon to treat air emissions and pumped groundwater.


Geosyntec completed plume delineation to FDEP's satisfaction within a year at a highly contaminated site in Florida using MFR to treat 1,4-dioxane and other contaminants. A redesigned remediation system has been operating successfully for two years, removing over a ton of contaminants from groundwater and significantly remediating the aquifer. FDEP now recognizes this site as one of its "success stories."

- d. Project representative name, address, phone number, and email address:**
Eric Zamora; Belmont Porten Properties, LLC (the company); 954-444-5742; ericzamora@icloud.com
- e. Size and cost:** 2 acres; \$10 million
- f. Contract start and end date:** 2000 to /2024 (Eric Zamora was our client from 2015 to 2023)
- g. Date associated construction project was started and completed or is anticipated to be completed:** The site is closed.
- h. List any time extension and the reasoning for the extension:** N/A
- i. If the construction project has been completed, please identify how long it has been operating and if it has been successful:** The P&T system operated from 2009 to 2015.
- j. Brief description of the Proposer's role/responsibility in the project:** Environmental engineer and client advocate with FDEP.
- k. Brief description of any innovative approaches the Proposer used in designing the project:** Non-recorded institutional control
- l. Identify the key staff assigned and their role in the project:** Rachel Klinger, PE, BCEE (Remediation Design Support); Matt Wissler, PG (Site Assessment Support); Fred Chandler, PG (Site Construction Lead)
- m. Provide the original budget and the final budget of the project. Explain the reason(s) for differences, such as owner requested change, contractor claim, and insufficient plans and specifications:** Numerous project budgets were approved between 2000 and 2024. No change orders were required as additional project work was incorporated into subsequent project authorizations.




Subconsultants


Surveying




Peavey & Associates
Surveying and Mapping PA






Geophysical Investigations and Environmental Drilling.



Ambient Technologies
An Earth of Experience



Geotechnical Laboratory

Rachel Klinger, PE, BCEE, Senior Principal



ROLE: Project Manager

EDUCATION:

M.S. Civil Engineering, University of Virginia, 2009
B.S. Civil Engineering, Florida State University, 2005

REGISTRATIONS & CERTIFICATIONS:

Professional Engineer: FL No. 73848
American Academy of Environmental Engineers and Scientists, Board Certified Environmental Engineer

RELEVANT EXPERIENCE:

Air Sparge System Design, Operation, and Optimization

- a. **Entity:** National Aeronautics and Space Administration
- b. **Description:** Ms. Klinger designed, operated, and optimized the air sparge and biosparge systems to address groundwater impacts with chlorinated volatile organic compounds (CVOCs) and mitigate the migration of the downgradient dissolved plume. Through continued system optimization activities, the air sparging activities rapidly reduced CVOC concentrations and site achieved remedial goals.
- c. **Role:** Project Manager and Engineer
- d. **Start and End Date:** 2014 to 2019
- e. **Total Dollar Amount:** \$626,569

Class I Type Waste Removal

- a. **Entity:** Norfolk Southern
- b. **Description:** Ms. Klinger served as the engineer or record (EOR) for the assessment, remedial design, remedial implementation, and groundwater monitoring at an old landfill with Class I type waste. The remedial design included removal of over 40,000 tons of waste and due to advance discussions with the Florida Department of Environmental Protection (FDEP) the design was approved without substantial comment. Geosyntec obtained No Further Action concurrence from the FDEP following one groundwater sampling event post waste removal. Specific activities directed by Ms. Klinger included evaluating the extent and characteristics of the Class I type wastes, preparing a Waste Removal/Excavation and Disposal Plan, assisting with waste characterization and profiling, providing support with regulatory meetings with the FDEP and the U.S. Army Corps of Engineers, developing the Contamination Assessment Plan, implementing the installation, sampling and subsequent closure of the groundwater monitoring network, and completing the Construction Completion Report for submittal to the FDEP.
- c. **Role:** Engineer of Record
- d. **Start and End Date:** 2019 to 2023
- e. **Total Dollar Amount:** \$471,127

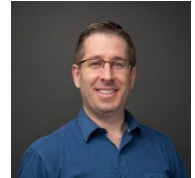
Multi-Phase Extraction System Design, Operation, and Optimization

- a. **Entity:** TECO Peoples Gas
- b. **Description:** Ms. Klinger designed, implemented, operated, and optimized a system was designed to recover soil vapors, non-aqueous phase liquids and groundwater impacted with benzene, toluene, ethylbenzene, xylenes, and polyaromatic hydrocarbons. The MPE system was designed to remediate the site in phases and is on schedule for cessation of operation following achievement of remedial goals in early 2025.
- c. **Role:** Project Manager and Engineer of Record
- d. **Start and End Date:** 2014 to Ongoing
- e. **Total Dollar Amount:** \$3,642,956

Soil Vapor Extraction System Design

- a. **Entity:** Florida Department of Environmental Protection
- b. **Description:** Ms. Klinger has designed over four soil vapor extraction (SVE) systems for recovery of impacted soil vapors. To minimize stagnant (or “dead”) zones and enhance mass removal, the designs include passive venting wells and/or air injection. The use of these innovative elements reduces the overall cleanup time associated with these sites. Ms. Klinger has designed these SVE systems to be reused at multiple sites as an overall cost savings.
- c. **Role:** Engineer of Record
- d. **Start and End Date:** 2021 to 2024
- e. **Total Dollar Amount:** \$80,000

Craig Browne, PE, Principal



ROLE:
Assistant Project Manager

EDUCATION:
M.S. Civil Engineering, University of Texas, 2001
B.S. Civil Engineering, Tuft University, 1999

REGISTRATIONS & CERTIFICATIONS:
Professional Engineer: FL No. 68613

RELEVANT EXPERIENCE:

Santa Rosa County Central Landfill Class I Expansion

- a. **Entity :** Santa Rosa County
 - b. **Description:** Tasks involved siting evaluation, hydrogeological and geotechnical site investigation, utility decommissioning and relocation planning, design of liner system, leachate management system upgrades including a new 4-acre leachate storage facility and associated forcemains, final cover (closure) system design, stormwater management system master planning, and LFG management system design.
 - c. **Role :** Project Manager and Technical Support
 - d. **Start and End date:** 3/2017 – 7/2018
 - e. **Total dollar amount:** \$887,242
-

Sun Country Materials Closure Permitting and Construction

- a. **Entity :** Waste Connections
 - b. **Description:** Mr. Browne led the solid waste and ERP permitting of 55-acre expansion for this disposal facility that included revisions to the closure design, which includes 40-mil geomembrane overlain by geocomposite drainage layer and 2-ft of vegetated cover soil, and associated stormwater management system. Mr. Browne has developed construction-level documents for multiple partial closure events ranging from two to five acres in footprint and totaling 17 acres of completed closure area. Integrated into the final cover system design is an innovative network of collection features that facilitate gas capture and mitigation of offsite odors.
 - c. **Role :** Project Manger
 - d. **Start and End date:** 11/2013 - Present
 - e. **Total dollar amount:**\$105,630
-

C.D. McIntosh Jr. Power Plant Byproduct Storage Area Closure

- a. **Entity :** Lakeland Electric
 - b. **Description:** Supported the design, permitting and bid-phase services for final closure of approximately 44-acre coal combustion byproducts storage area. Geosyntec developed a grading plan based on existing grades and stormwater drainage to minimize the quantity of imported soils needed for closure. The cover system design included analysis of slope stability, settlement, stormwater management, and cap infiltration. Design drawings were prepared for FDEP permitting and construction. Developed designs using both ClosureTurf® system and conventional closure with 40-mil geomembrane overlain by drainage composite and vegetated cover soil.
 - c. **Role:** Technical and Senior Review
 - d. **Start and End date:** 3/2024 – 12/2024
 - e. **Total dollar amount:** \$885,000
-

North Central Landfill Air Permitting Compliance

- a. **Entity :** Polk County
 - b. **Description:** Provided air permitting compliance projects at the North Central Landfill including: review of Title V Air Permit and NSPS documents, permit modification applications, semi-annual compliance reports, startup, shutdown, and malfunction plans, and initial performance test reports. Worked with both Polk County and adjacent waste to energy facility to collect data, perform compliance evaluations, and provide recommendations for improvements. Prepared annual reporting required by the Title V permit and provided on-call guidance regarding the applicability of federal air quality regulations.
 - c. **Role:** Project Manager and Technical Review
 - d. **Start and End date:** 1/2009 – 8/2011
 - e. **Total dollar amount:** \$85,991
-

Dan Schauer, PG, Senior Principal



ROLE:

Project Director, QA/QC Manager

EDUCATION:

B.S., Geology, University of Florida, 1984

REGISTRATIONS & CERTIFICATIONS:

Professional Geologist FL No. 1240

RELEVANT EXPERIENCE:

South Broward Ash Monofill, Cell 1C Liner Construction

- a. **Entity :** Wheelabrator Technologies, Inc.
- b. **Description:** Mr. Schauer served as Project Director for the hydrogeological and geotechnical investigation, engineering design and permitting of Cell 1C and new 13-acre stormwater retention pond as well as the preparation of construction documents (e.g., drawings, specifications, construction quality assurance [CQA] Plan, and bid sheet) and both construction management and final FDEP certification.
- c. **Role :** Project Director
- d. **Start and End date:** 12/2022 - 1/2024
- e. **Total dollar amount:** \$752,000 (for Cell Construction CQA and CM)

South Broward Ash Monofill, Multiple Phase Ash Monofill Closure Projects

- a. **Entity :** Wheelabrator Technologies, Inc.
- b. **Description:** Since 2019 Mr. Schauer has served as Project Director for the final closure of Phases 4 through 7 covering approximately 26 acres of the Ash Monofill. Geosyntec prepared construction documents (contract documents, construction drawings, technical specifications, CQA Plan, bid forms, and FDEP certification reports) for each phase of Final Cover construction.
- c. **Role:** Project Director
- d. **Start and End Date:** 2019 – Ongoing
- e. **Total Dollar Amount:** \$525,000

Santa Rosa County Central Landfill Expansion, Milton, FL:

- a. **Entity:** Santa Rosa County Environmental Department
- b. **Description:** Services for Phase V - Cell A included design, permitting and construction of a 65-acre lateral and vertical expansion of the Class with hydrogeological and geotechnical site investigation, liner design, leachate management systems including a new 4-acre leachate storage facility, stormwater management system, landfill gas management system, and stormwater management system.
- c. **Role:** Project Director
- d. **Start and End Date:** 7/2018 – 4/2019
- e. **Total Dollar Amount:** \$580,000

Wingate Road Municipal Incinerator and Ash Landfill Site Closure

- a. **Entity :**
- b. **Description:** Mr. Schauer served as Construction Manager for the Wingate Cooperating Parties Group during the six-million-dollar closure of a 60-acre municipal incinerator and ash landfill.
- c. **Role :** Construction Manager
- d. **Start and End date:** 2000-2002
- e. **Total dollar amount:**\$788,000

Miami-Dade County, South Dade Landfill, Cell 3 Closure

- a. **Entity :** Miami-Dade County Department of Solid Waste Management
- b. **Description:** Schauer served as CQA Project Manager for the eight-million-dollar closure of a 50-acre Class I MSW disposal cell at the County's largest MSW landfill.
- c. **Role:** Senior Project Manager
- d. **Start and End date:** 1/2012 - 2/2013
- e. **Total dollar amount:** \$509,879

Richard Tedder, PE, Senior Consultant



ROLE:

Regulatory Support Liaison

EDUCATION:

BSE, Chemical Engineering, University of South Florida, 1981; BS, Psychology (minor Chemistry and Math), Florida State University, 1971

REGISTRATIONS & CERTIFICATIONS:

Professional Engineer: FL No. 38846

RELEVANT EXPERIENCE:

RND Organic Recycling Inc.

a. **Entity :** RND Organic Recycling Inc.

b. **Description:** Assisted in developing a solid waste processing permit application for an organic waste processing facility using anaerobic digestion. An Intent to Issue the permit was issued by the FDEP on 12/4/2023.

c. **Role :** Permit Application

d. **Start and End date:** 11/17/2022 to 01/10/2024

e. **Total dollar amount:** \$63,000

Indian River County Landfill

a. **Entity :** Indian River County

b. **Description:** Prepared a permit application to modify a solid waste permit for a Class I landfill to add a 30,000 gallon per day thermal evaporator for treating leachate generated at the 73.5-acre landfill. The landfill evaporator permit application was submitted to the FDEP on August 10, 2022, and the modified permit was issued on November 30, 2022.

c. **Role :** Permit Application

d. **Start and End date:** 06/17/2022 to 11/30/2022

e. **Total dollar amount:** \$64,891

Monex Coal Ash Landfill

a. **Entity :** Waste Connections, Inc.

b. **Description:** Prepared an Excavation and Beneficial Use Plan (EBUP) for removing approximately 1.0 million cubic yards of coal ash from the closed landfill and sending it for beneficial use in a cement plant. The EBUP was submitted to the FDEP for review on June 17, 2021, and was approved for use on October 25, 2021.

c. **Role:** EBUP preparation and coordination with the FDEP

d. **Start and End date:** 05/28/2020 to 10/25/2021

e. **Total dollar amount:** \$49,500

Southeast County Landfill

a. **Entity :** Hillsborough County

b. **Description:** Conducted a peer review of a Request for Approval of Alternate Procedure (Request) to reauthorized operation of the Phase I-VI disposal area of the Southeast County Landfill with a leachate head over the liner greater than 12 inches. The goal of the Request was to satisfy a Consent Agreement executed on July 27, 2017, between the FDEP and Hillsborough County and the regulatory requirements of Rule 62-701.310, Florida Administrative Code. Edits suggested to the Request in the peer review were based upon the unique history of this disposal area and the evolution of the regulatory requirements that occurred since it was constructed. A revised Request was submitted to FDEP on November 26, 2019, and the Alternate Procedures Approval was issued on March 13, 2020.

c. **Role:** Conduct Peer review and prepare comments

d. **Start and End date:** 10/29/2019 to 03/13/2020

e. **Total dollar amount:** \$10,000

Timothy Copeland, PhD, PE, Project Engineer

ROLE:

Landfill Closure Design and Permitting Lead

EDUCATION:

PhD, Civil Engineering, University of Central Florida, 2023; MS, Civil Engineering, University of Central Florida, 2016; BS, Civil Engineering, University of Florida, 2014



REGISTRATIONS & CERTIFICATIONS:

Professional Engineer: FL No. 90458

RELEVANT EXPERIENCE:

Compliance Monitoring and Reporting, Indian River County Landfill

- a. **Entity :** Indian River County Solid Waste Disposal District
 - b. **Description:** Dr. Copeland prepared the Technical Report for compliance monitoring of the Indian River County Landfill. His responsibilities included coordinating data preparation; analysis of groundwater and surface water monitoring trends; and preparation of plots, figures, and data tables.
 - c. **Role :** Reviewer
 - d. **Start and End date:** 6/2023 – 8/2023
 - e. **Total dollar amount:** \$35,000
-

Indian River county Landfill Cell 3 Phase 1 Construction Support Services

- a. **Entity :** Indian River County
 - b. **Description:** Dr. Copeland provided CQA services for the Phase 1 Site Preparation of Segment 3 Cell 3 Expansion of the Indian River County Landfill. He provided field and office support of construction services, including review of contractor's submittals, QA/QC analysis and review, and weekly progress reporting.
 - c. **Role :** Project Manger
 - d. **Start and End date:** 8/2023 – 2/2024
 - e. **Total dollar amount:** \$212,000
-

Indian River County Landfill Cell 3 Phase 2 Construction Documents

- a. **Entity :** Indian River County
 - b. **Description:** Dr. Copeland supported on preparation of a bid document for the Phase 2 Segment 3 Cell 3 Expansion of the Indian River County Landfill. He prepared the specifications, CQA plans, bid forms, and construction drawings for review.
 - c. **Role:** Engineer
 - d. **Start and End date:** 7/2023 – 1/2024
 - e. **Total dollar amount:** \$150,000
-

Town of Palm Beach Landfill Redevelopment Property

- a. **Entity :** Town of Palm Beach
 - b. **Description:** Dr. Copeland supported preparation of bid documents for the permitted and unpermitted final closure of the Okeechobee Boulevard Landfill. He prepared the technical and general specifications, CQA plans, bid form, and construction drawings for review.
 - c. **Role:** Engineer
 - d. **Start and End date:** 8/2023 - Current
 - e. **Total dollar amount:** \$73,000
-

Indian River county Landfill Cell 3 Phase 2 Construction Support Services

- a. **Entity :** Indian River County
 - b. **Description:** Dr. Copeland provided CQA services for the Phase 2 Liner Construction of Segment 3 Cell 3 Expansion of the Indian River County Landfill. He provided field and office support of construction services, including review of contractor's submittals, QA/QC analysis and review, engineering services, financial assurance, certification report, and weekly progress reporting.
 - c. **Role :** Project Manger
 - d. **Start and End date:** 3/2024 - Current
 - e. **Total dollar amount:** \$940,000
-

Fred Chandler, PG, Senior Geologist



ROLE:

Construction Manager Lead

EDUCATION:

B.A., Earth Science (Geology), University of California at Santa Cruz, 1994

REGISTRATIONS & CERTIFICATIONS:

Professional Geologist: FL No. 2993

RELEVANT EXPERIENCE:

Perdido Landfill Section 5 Cell 1B construction

- a. **Entity :** Escambia County
- b. **Description:** Construction management for the construction of the 19-acre double layer cell expansion. The project included installation activities of the geosynthetics, surveying, site preparation, erosion controls, earth work, waste removal and relocation, modification of the landfill gas collection system, and the leachate removal and conveyance facilities.
- c. **Role :** CQA Manager
- d. **Start and End date:** 8/2022 – 10/2023
- e. **Total dollar amount:** \$547,700.00

Santa Rosa County Landfill

- a. **Entity :** Santa Rosa County
- b. **Description:** Served as Construction Manager and CQA support during the Phase V/Cell A construction operations at the Central Landfill facility including the four-acre leachate storage pond. The 15-acre double lined landfill Cell V required the installation of the 230 linear feet of sheet pile wall and helical anchors.
- c. **Role :** CQA Manager
- d. **Start and End date:** 10/2015 – 6/2016
- e. **Total dollar amount:** \$259,240.00

JED, Cell 9 Vertical Expansion and Closure

- a. **Entity :** JED
- b. **Description:** Served as CQA Manager during the construction of a 14-acre double liner geosynthetic liner system, Protective Cover Soil System and Leachate Collection System. The geosynthetics system consisted of approximately 738,000 square feet (sf) of CETCO GCL, 1,258,034 sf Agru 60–mil high density polyethylene (HDPE) textured geomembrane and 1,258,034 sf of SKAPS double sided geocomposite. The Leachate Collection System consisted of monitoring of installation of approximately 2,400 linear feet of 4-inch- and 6-inch-diameter collection pipe.
- c. **Role:** CQA Manager
- d. **Start and End date:** 7/2013 - 2/2014
- e. **Total dollar amount** \$138,980.00

South Broward Ash Monofill Cell 1C1 Baseline Construction

- a. **Entity :** Broward County
 - b. **Description:** Provided CM and CQA for the construction of 7-acre cell, and excavation of stormwater retention pond. Responsible for the contractor oversight, conducting and recording weekly progress meetings, reviewing schedules, and budget. Responsible for submittal management and Request for Information reviews. Additional CM responsibilities included constructability reviews. Coordinated subcontractor efforts during natural gas pipeline abandonment and relocation during construction of the new cell.
 - c. **Role:** Construction and CQA Manager
 - d. **Start and End date:** 6/2022- 3/2024
 - e. **Total dollar amount** \$752,000.00
-

Kevin Warner, PE, Principal

ROLE:

Remedial Options and Design Lead

EDUCATION:

MS, Chemical Engineering, Florida State University, 1998; MS, Civil Engineering, University of South Florida, 1990; BS, Civil Engineering, University of New Orleans, 1985



REGISTRATIONS & CERTIFICATIONS:

Professional Engineer: FL No. 44184 and nine other states

RELEVANT EXPERIENCE:

Former Chemical Company

a. **Entity :** Former Chemical Company

b. **Description:** Mr. Warner developed an Engineered Phytoremediation design that included the implementing the TreeWell system to contain petroleum compounds dissolved in groundwater. The TreeWell system targets treatment of the contaminated zone of groundwater using native tree species and large diameter wells. This design included installaing 1 acre of TreeWells to a depth of 15 feet below land surface to capture contaminated groundwater and replace an expensive pump and treat system. The TreeWell design was intergrated into the design of an Air Sparging system and a Multi Phase Extraction system to address the entire extent of petroleum contamination soil and groundwater.

c. **Role :** Principal Engineer

d. **Start and End date:** 12/2020 to 1/2021

e. **Total dollar amount:** \$450,000

RCRA Correction Action Program Technical Support

a. **Entity :** Kennedy Space Center

b. **Description:** At the NASA KSC Central Heat Plant, Mr. Warner, as the SME, prepared a RCRA IMWP that included the design of a “Hot Air” AS system to treat a PCE source area and high concentration dissolved phase plume. Geosyntec conducted an AS pilot test using shallow and deep AS wells to provide data necessary to optimize the AS system design. Based on the results, the AS design included treating PCE using a total of 124 AS wells to a depth of 53 ft bls. The AS system design featured an innovative hot air sparging process in the source zone to 1) increase the rate of PCE dissolution into the dissolved phase (i.e., groundwater) and 2) enhance volatilization from the dissolved phase to the gas phase, reducing the overall time required to meet the cleanup objectives.

c. **Role :** Engineer of Record (EOR) and project technical lead (SME)

d. **Start and End date:** 2008 to 2021

e. **Total dollar amount:** \$300,000

Class I Type Waste Removal

a. **Entity:** Norfolk Southern

b. **Description:** Mr. Warner served as the Senior Engineer Reviewer for the remedial design, remedial implementation, and groundwater monitoring at an old landfill with Class I type waste. The remedial design included removal of over 40,000 tons of waste and due to advance discussions with the Florida Department of Environmental Protection (FDEP) the design was approved without substaintial comment. Geosyntec obtained No Further Action concurrence from the FDEP following one groundwater sampling event post waste removal.

c. **Role:** Senior Engineer Reviewer

d. **Start and End Date:** 2019 to 2023

e. **Total Dollar Amount:** \$471,127

Joe Bartlett, PE, Senior Engineer



ROLE:

Remedial Action Implementation Lead

EDUCATION:

MS, Environmental Engineering, University of Central Florida (UCF), 2016; BS, Environmental Engineering, UCF, 2010; BS, Environmental Engineering, UCF, 2010

REGISTRATIONS & CERTIFICATIONS:

Professional Engineer: FL No. 82249

RELEVANT EXPERIENCE:

Former Orlando Utilities Commission St. Cloud Power Plant, St. Cloud, Osceola County, Florida

a. Entity: Orlando Utilities Commission

b. Description: Mr. Bartlett serves as project manager for the legacy power generation facility with petroleum impacted soil and groundwater. He has been responsible for the planning, cost estimating, and implementation of: preliminary assessments, including geotechnical and hydrogeological investigations; conceptual and feasibility studies; groundwater remediation system design; preparation of bid documents; bid phase services; and associated reporting. Mr. Bartlett developed and evaluated long-term forecasting closure options for the site, which he presented at a Municipal Workshop for City of St. Cloud council review and consideration. Project planning required coordination with multiple stakeholders, including the PRP, the property owner, and the regulatory agency. Prior to design of the remedial approach, investigations were conducted, which included advancement of soil borings for laboratory analyses and classification using ASTM Standards and installation of monitoring wells using mechanical drilling techniques with the goal of achieving delineation of impacts per Chapter 62-780, Florida Administrative Code. Collected data was evaluated to support the proposed remedial measures. Various remedial measures options were evaluated for feasibility and cost effectiveness. The selected remediation measures included the design for the dewatering and excavation of impacted soil and groundwater to meet State soil and water quality standards at the Site and was approved by the FDEP on 26 January 2023. The dewatering system design included the proposed recovery and treatment of groundwater using conventional a stripping columns method, with discharge to stormwater through a National Pollutant Discharge Elimination System (NPDES) Permit. Mr. Bartlett prepared the Technical Bid Specifications package associated with implementation of the remedial design, which also included demolition and site restoration activities for the site. Implementation planning is on-going.

c. Role : Project Manager

d. Start and End date: 2019 to Present

e. Total dollar amount: \$650,000

Orlando Former Manufactured Gas Plant Site, Orlando, Orange County, Florida

a. Entity: Orlando MGP Group

b. Description: Mr. Bartlett assisted with the design and preparation of the groundwater remedial design and remedial action implementation for the Orlando Former Gasification Plant, which serves to supplement a 60-foot-deep slurry containment wall with an engineered cap and surface soil excavations that were conducted over six different parcels to address MGP residuals. The groundwater remedial design included air sparge/soil vapor extraction and groundwater recirculation systems to address the surrounding dissolved groundwater plume and to manage potentiometric head variations within the barrier wall. Mr. Bartlett serves as Project Manager for the remedial action implementation of the USEPA/FDEP-approved Remedial Design and is responsible for operation, maintenance, monitoring, and optimization of the multi-component treatment system. He is responsible for coordinating quarterly performance monitoring events, which are used to evaluate the efficacy of the remedy and evaluate optimization strategies designed to increase mass removal. Mr. Bartlett summarizes site activities, results, and recommendation in monthly progress reports, and semi-annual status reports. In addition, Mr. Bartlett to participates in weekly teleconference meetings with the multi-member PRP group and is responsible for recording and distributing meeting minutes.

c. Role : Project Manager

d. Start and End date: 2013 to Present

e. Total dollar amount: \$9M

Matt Wissler, PG, Senior Principal



ROLE:

Hydrogeologic Assessment Lead

EDUCATION:

MS, Hydrogeology and Geochemistry, University of South Florida, 2003; BS, Geology, Florida State University, 2000

REGISTRATIONS & CERTIFICATIONS:

Professional Geologist: FL No. 2521 and four other states

RELEVANT EXPERIENCE:

a. Site Assessment and Phytoremediation Design, Sarasota, FL

b. Entity : Former Honeywell Electrocorp/Invensis

c. Description: Mr. Wissler served as the lead hydrogeologist for the site assessment and development of a site closure strategy for volatiles in groundwater at a former electronics manufacturing facility. A Focused Feasibility Study and Remedial Action Plan documents were prepared employing source area isolation for volatiles, coupled with engineered phytoremediation using TreeWell units for the downgradient plume treatment and hydraulic control for the entire site saving the client approximately \$350,000 per year in operation and maintenance costs. The site was closed with a conditional Site Rehabilitation Completion Order in 5 years from the FDEP.

d. Role: Lead Hydrogeologist

e. Start and End date: 11/2011 -1/2018

f. Total dollar amount: \$1.8 million

Evaluation Monitoring Related Site Assessment, Palatka, FL

b. Entity : Putnam County Solid Waste Disposal District

c. Description: Mr. Wissler directed routine semi-annual evaluation monitoring including surface water, groundwater and leachate data collection. The work tasks included evaluation monitoring well citing, design and installation of compliance monitoring wells to delineate key contaminants of concern including benzene and other leachate indicators.

d. Role: Lead Hydrogeologist

e. Start and End date: 1/2023 - 9/2024

f. Total dollar amount: \$331,000

Tri-City Landfill Assessment and Closure Analysis

a. Entity : Polk County Solid Waste Division

b. Description: Mr. Wissler contributed to the assessment and development of re-development options for the Tri-City Landfill, which was owned and operated by the Polk County Solid Waste Division. The landfill was constructed within the boundaries of the former Tenoroc Mine. The scope of work included developing and implementing a site assessment for benzene, along with a background hydrogeological and geochemical investigation. To date, the work completed includes installing a monitoring well network, delineating waste and impacted groundwater, collecting surface and groundwater samples, analyzing geochemical data with a focus on surface and groundwater interaction, and analyzing lithologic data.

c. Role : Lead Hydrogeologist

d. Start and End date: 12/2007 - 9/2014

e. Total dollar amount: \$2.4 million

a. North Central Landfill (NCLF) Water Quality Report Preparation, Winter Haven, FL

b. Entity : Polk County Solid Waste Division

c. Description: Mr. Wissler served as the geologist-of-record for water quality technical reports at the NCLF, which includes Class I and Class III solid waste disposal facilities, and at the Northeast Landfill, which includes three closed C&D landfills. His tasks involved regulatory negotiation, data analysis from multiple monitoring events, geochemical data processing, statistical analysis, and providing recommendations for revising the water quality monitoring plan.

d. Role : Geologist of Record

e. Start and End date: 11/2014 - 3/2015

f. Total dollar amount: \$15,885

TAB 3 | Experience, Expertise, Personnel & Technical Resources - Location



Team Member Role	Office Location	Home Location	Staff Availability
Rachel Klinger, PE, BCEE Project Manger	1200 Riverplace Blvd, Jacksonville, FL 32207	Jacksonville, FL	80%
Craig Browne, PE Assistant Project Manager	12802 Tampa Oaks Blvd, Tampa, FL 33637	Tampa, FL	50%
Richard Tedder, PE Regulatory Support Liaison	2039 Centre Point Blvd, Tallahassee, FL 32308	Tallahassee, FL	70%
Dan Schauer, PG Project Director	900 Broken Sount Pkwy NW, Boca Raton, FL 33487	Boca Raton, FL	70%
Tim Copeland, PhD, PE Landfill Closure Design and Permitting	3502 Lake Lynda Drive, Orlando, FL 32817	Orlando, FL	60%
Fred Chandler, PG Construction Management	900 Broken Sount Pkwy NW, Boca Raton, FL 33487	Boca Raton, FL	80%
Kevin Warner, PE Remedial Options and Design	2039 Centre Point Blvd, Tallahassee, FL 32308	Tallahassee, FL	70%
Joe Bartlett, PE Remedial Action Implementation	6770 South Washington Avenue, Titusville, FL 32780	Orlando, FL	50%
Matt Wissler, PG Hydrogeologic Assessment	19321 U.S. Highway 19 North, Clearwater, FL 33764	Clearwater, FL	40%

TAB 3 | Experience, Expertise, Personnel & Technical Resources - Subconsultants



Location:
9399 North Lake
Buffum Road
Fort Meade, FL 33841

Peavey & Associates Surveying and Mapping, PA

Peavey & Associates Surveying and Mapping, PA, a woman-owned business certified in the State of Florida, provides surveying services for a broad range of projects, comprising numerous waste management and solid waste, including landfill projects for the following counties Polk, St. Lucie, Indian River, Hardee, Desoto, and Hillsborough.

Company Qualifications:

Eco South Services - GFL (current master service agreement):

Project surveyor for the Fort Meade Landfill Facility and Arcadia Landfill. Work included surveys for monitoring wells and gas systems, as-built surveys, control surveys, aerial targets, volume and compliance surveys.

Geosyntec Consultants:

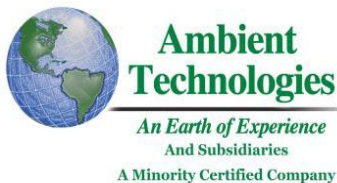
Project surveyor for the Hillsborough County South transfer station, Hillsborough County Northwest Transfer station, Hillsborough County Yard Waste facility, Berry Road Closed landfill, and Hillsborough County Faulkenburg Road Facility. Work included boundary and topographic surveys, surveys for monitoring wells and gas systems, as-built surveys, control surveys, and aerial targets.

Jones Edmunds:

Project surveyor for Indian River County Landfill monitor well surveys and staff gauge. Project surveyor for Lee/Hendry Counties Regional Solid as-built and volumes for installed glass in cells and monitor wells. Project surveyor for NE Polk County Landfill staff gauge.

Southeast Environmental Contracting, Inc.:

Project surveyor for construction staking, volumes and as-builts for Volusia County Tomoka Farms Road Landfill North cell construction, JED Holipaw closure, Pine Ridge cell construction, Orange County cell construction Brevard County 2023 Closure and Brevard County Landfill cell 2 construction.



Location:
4350 Lewellyn Road,
Lakeland, FL 33810

Ambient Technologies, Inc. (ATI)

(ATI), certified as MBE-DBE-SBE-SDB, along with its subsidiaries and affiliates ATI Companies LLC, ATI Geologica LLC, GeoView, Inc., and ATI Energia LLC, has built a solid reputation over the past 31 years for delivering responsible, competent, conscientious, dependable, and timely geo-services. These services span environmental, geotechnical, exploration, consulting, engineering, and construction projects. ATI's projects range from small local residential issues to major construction, petroleum clean-up, remediation projects, water and wastewater utility projects, as well as significant environmental, geotechnical, and geophysical exploration, sinkhole investigations, and InSitu Testing including cone penetration testing (CPT) for geotechnical and environmental investigations.

Their primary focus areas include environmental drilling services, geotechnical drilling services, CPT, and geophysical services.

Company Qualifications:

ATI and subsidiaries successfully execute large- and small-scale projects for governmental sectors at federal, state, county, and city levels, as well as for private sectors. These projects span environmental,

Polk County Southeast Landfill Engineering Services

RFP No. 24-654 | 11.13.2024



hydrogeological, geotechnical, geological, and infrastructure applications. With a wide range of capabilities and experience, ATI can select the right methodology to meet and exceed the needs of any Polk County project. Senior ATI personnel, with their extensive expertise, will collaborate with Geosyntec staff to develop the most cost-effective approach to achieve your project objectives.

Major projects completed in landfills include:

- Southeast Landfill, Lithia: Geotechnical Drilling SPT Borings
- Sarasota County Phase III Landfill Expansion: DPT Sampling Services
- Hillsborough Southeast Landfill Expansion, Ruskin: Geophysical Investigation ERI - 5720 Linear Feet for 6 ERI Transect Lines
- Southeast Landfill (SCLF), Lithia: DPT Piezometer and Monitor Well Installation Services

Additionally, ATI has completed hundreds of projects in Polk County, providing environmental and geotechnical drilling, soil and water sampling, and geophysical services.



Location:

2030 State Road 60
East, Bartow, FL 33830

Madrid Engineering Group, Inc., d/b/a Madrid CPWG, is an engineering firm established in 1992, specializing in full-service professional geotechnical engineering, construction materials testing, and construction engineering inspection services. With corporate headquarters in Bartow, and additional offices in Tampa, Winter Springs, North Port, and Blountstown, operations are statewide. Certified as a disadvantaged business enterprise by the State of Florida and holding various minority and disadvantaged business certifications, expertise spans geotechnical engineering, structural engineering, materials science, geology, and field exploration.

Madrid CPWG's certified laboratory, accredited by CMEC and approved by FDOT, conducts a full suite of tests for soils, aggregates, and cementitious materials. With extensive experience, Madrid CPWG performs strength, compressibility, permeability, and index tests. Their quality management system guarantees accurate results, and their FDOT Verification Testing labs play a crucial role in resolving discrepancies between quality control and quality assurance test results.

Company Qualifications:

Madrid CPWG provides geotechnical, laboratory testing, field inspection and RSO services for many landfill projects throughout the state, including every NCLF (North Central Landfill) expansion project for Polk County over the past 10 years.

Deborah Peavey, P.S.M.

ROLE:

Professional Land Surveyor

EDUCATION:

Travis Career Center & Continuing education
Polk State Corporate College and miner safety training

REGISTRATIONS & CERTIFICATIONS:

Professional Surveyor, Florida, #6345

RELEVANT EXPERIENCE:

Waste Connections, Heart of Florida Landfill, Lake Panasoffkee, FL

Served as Professional Surveyor in responsible charge for this project that consisted of performing Boundary and improvement survey for the purposes of acquisition of parcels J22-004 and J15-030. Survey to include improvements located on property. We are constantly working on projects for this client at the Tampa Recycling Facility, Miami Recycling Facility, SLD Punta Gorda Landfill, Pasco County Landfill, JED Solid Waste Facility, St. Pete Facility, Homosassa Landfill, Sun Country Landfill and Fort Myers Facility which include site control, asbuilts on newly installed gas systems, monitor wells and gas piezometer surveys, compliance surveys, volume calculations, boundary surveys and construction staking as needed.

Waste Management, Pinellas County Bridgeway Acres Landfill, Saint Petersburg, FL

Served as Professional Surveyor in responsible charge under a consultant agreement with WM. The project consisted of staking the waste grades and targets for 2023 end of year mapping. We are constantly working on projects for this client at the Hillsborough County SE Landfill, Vista Landfill, North Manatee Landfill, Pine Ridge Landfill, Vista Landfill, Cypress Acres and Bayside Landfill which include yearly targets, monitor wells and gas piezometer surveys, compliance surveys, volume calculations, and construction staking as needed.

Southeast Environment Construction, Orange County Solid Waste Division Cell 11, Orlando, FL

Served as surveyor in responsible charge of project under a sub-consultant agreement with SEC of Cell 8 Construction. The project consisted of pre-topographic survey of the site, asbuilt surveys of constructed Cell 11 (3bays) (subbase-liner grade, LCS system, Detection system, liner system, leachate system, and final protective cover), landfill gas expansion, forcemain expansion, maintenance road, leachate tank improvements and constructed stormwater improvements. The final delivery of asbuilts for submittal

Thalle Construction, Polk County North Central Landfill Phase, Lakeland, FL

Served as surveyor in responsible charge of project under a sub-consultant agreement with Thalle Construction. The project consisted of site control, asbuilts (subbase-liner grade, leachate system, and final protective cover) cell and stormwater improvements. The final delivery of asbuilts for submittal.

Southeast Environment Construction, Brevard County Disposal Facility Cell 2 Construction. Cocoa, FL

Served as Professional Surveyor in responsible charge under a sub-consultant agreement with SEC. The project consisted of site control, partial construction staking, asbuilts cell 2 (subbase-liner grade, liner, leachate system, and final protective cover) landfill gas expansion, forcemain expansion, and stormwater improvements. The final delivery of asbuilts for submittal.

Stacey Peavey

ROLE:

Party Chief

EDUCATION:

Ridge Vocational-Technical Center Firefighter standards

Polk Community College – HAZMAT, FEMA disaster and EMT training. Minor Safety and safe driver training

REGISTRATIONS & CERTIFICATIONS:

N/A

RELEVANT EXPERIENCE:

Thalle Construction, Polk County North Central Landfill Phase VIA Construction, Lakeland, FL

Served as Party Chief of Cell Construction. The project consisted site control, asbuilts (subbase-liner grade, leachate system, and final protective cover) cell and stormwater improvements.

Southeast Environment Construction, Brevard County Disposal Facility Cell 2 Construction, Cocoa, FL

Served as Party Chief of Cell 4 Construction. The project consisted of site control, partial construction staking, asbuilts cell 2 (subbase-liner grade, liner, leachate system, and final protective cover) landfill gas expansion, forcemain expansion, and stormwater improvements.

Southeast Environment Construction, Orange County Solid Waste Division Cell 11, Orlando, FL

Served as Party Chief of Cell 8 Construction. The project consisted of pre-topographic survey of the site, asbuilt surveys of constructed Cell 11 (3bays) (subbase-liner grade, LCS system, Detection system, liner system, leachate system, and final protective cover), landfill gas expansion, force main expansion, maintenance road, leachate tank improvements and constructed stormwater improvements.

RCS Excavation, Heart of Florida Cell Construction, Lake Panasoffkee, FL

Served as Party chief of Cell 5 Construction, stormwater berm and leachate force main. The project consisted pre-topographic survey, site control, partial construction staking, asbuilts of cell 5 (subbase-liner grade, leachate system, detection system and final protective cover), stormwater berm, leachate force main and stormwater improvements.

Waste Connections, Heart of Florida Landfill, Lake Panasoffkee, FL

Boundary and improvement survey for the purposes of acquisition of parcels J22-004 and J15-030. Survey to include improvements located on property



Peavey & Associates
Surveying and Mapping PA

Marcelo Passos Ferreira dos Reis, MSc.

ROLE:

Drilling Operation Manager

EDUCATION:

MS, Marine Science/Marine Biology, Universidade Santa Úrsula, 2002;
BSc, Marine and Science/Marine Biology, Universidade Santa Úrsula. 1999

REGISTRATIONS & CERTIFICATIONS:

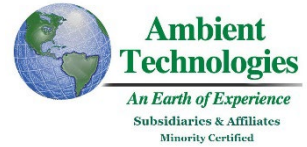
Certified Ground-Penetrating Radar Operator
ISO 14001 Lead Auditor Certification, *Environmental Management*; Bureau Veritas Quality International (BVQI)
and International Register of Certified Auditors

RELEVANT EXPERIENCE:

Mr. Reis' Master of Science studies with a focus in Environmental Marine Sciences have allowed him to interface/integrate multiple factors within environmental processes and to understand interactions at all levels of the biological productive chain. He gained vast experience in this area during several years as, first, a Team Member and then Project Director, on marine expeditions for environmental and biological studies. With his educational background and applied experiences, his skills took him to the position of professor with two private universities in Brazil. His accomplished work at the universities was recognized when he was elected "Best Professor of the Year" for two consecutive years. As Lead Environmental Auditor with Bureau Veritas Quality International, he worked with organizations and businesses to establish and maintain effective environmental management systems (EMS) in accordance with ISO 14004 standards. Mr. Reis enabled these groups to identify and control environmental impact of their activities, products, or services and implement a systemic approach to setting, achieving, and demonstrating their EMS environmental objectives/policy, plans and actions.

AREAS OF SPECIALIZATION

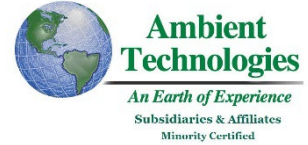
- Marine Ecology and Environmental Sciences
- Field Testing for Environmental Evaluation
- Environmental Auditing
- Environmental Drilling- Assessments
- Geophysical Applications for Geotechnical, Geological and Utility Locating Studies



Michael J. Wightman, P.G.

ROLE:

Principal Geophysicist



EDUCATION:

MS, Hydrogeology/Geophysics University of South Florida, 1989

BA, Geology University of California, Santa Barbara, 1986

BA, Business Economics/Environmental Studies University of California, Santa Barbara, 1980

REGISTRATIONS & CERTIFICATIONS:

Licensed Professional Geologist, Florida and California (FL #1423, CA #6500)

Certified Ground Penetrating Radar (GPR) Operator (GSSI)

Electrical Resistivity Imaging Certification (AGI)

Stake University (Nationally Recognized Electronic Utility Locator Operator Certification)

Certified Pile Integrity Tester (Pile Dynamics)

Geophysical Well Logging and Imaging

OSHA-Certified Health and Safety, Hazardous Waste Operations, 40-Hour Course & Annual Updates

Other Safety and Training Certifications: Jessica Lunsford (statewide)

RELEVANT EXPERIENCE:

Mr. Wightman's responsibilities at GeoView Inc. include the management and technical oversight of all geophysical investigations conducted by the firm. He has either managed or conducted geophysical investigations throughout the entire United States, Caribbean Basin and Central America. His duties include quality control oversight, project management and budgeting, employee supervision and training, design and implementation of geophysical investigations, data evaluation, numerical and analytical modeling of geophysical data. Mr. Wightman has either conducted or managed over 20,000 geophysical investigations concerned with environmental, geotechnical, geological, hydrogeological, infrastructure and construction-related projects. Mr. Wightman is an expert in the application of geophysical methods in terms of understanding karst-related conditions. Mr. Wightman has provided expert testimony, authored publications and delivered numerous presentations in regards to geophysical testing for a wide variety of applications.

AREAS OF SPECIALIZATION

- Management of Geophysical Investigations
- Karst Evaluation Studies Using Geophysical Methods
- Geophysical Investigations for Infrastructure Evaluation
- Environmental Geophysical Investigations
- Coastal and Island Hydrogeology

Andre Kniazeff, PE

ROLE:

Senior Engineer 1

EDUCATION:

B.S., Civil Engineering, University of Central Florida

REGISTRATIONS & CERTIFICATIONS:

Professional Engineer, Florida # 81315

RELEVANT EXPERIENCE:



Fort Meade Residential Development

Geotechnical investigation, design, and shallow and deep foundation recommendations for a new residential development in Polk County, Florida. Specific role - Senior Geotechnical Engineer.

Polk County Roads Pavement Evaluation

Perform pavement corings and field evaluation followed by condition assessment and remedial recommendations for several roadway alignments in Polk County, FL.

C.R. 557 Widening

Roadway soil survey, field exploration, and flexible pavement design for a new roadway alignments. Also included foundation recommendations for culverts, major signals and signs.

North Hollandtown Road Bridge Replacement, Wauchula, FL

The project included the installation of a single span precast concrete bridge structure. Our field exploration included two (2) Standard Penetration Test (SPT) Borings, each drilled to a depth of approximately 80 feet below existing grade (BEG) along the proposed bridge alignment.

Old Bartow Road Sinkhole Investigation

The primary objective of this investigation was to evaluate subsurface conditions in the area of the depression and to provide remedial recommendations to stabilize this feature.

Double Barrel Box Culvert, Bay County, FL

Geotechnical investigation, design and recommendations for a new double barrel box culvert in Bay County, Florida. The culvert structure consisted of a reinforced concrete structure founded on a shallow foundation.

CR 286 Existing Pavement Condition Survey, Jackson County, FL

Perform pavement corings and field evaluation followed by condition assessment and remedial recommendations for the existing roadway alignment in Jackson County, FL.

John Delashaw, PE, MAT

ROLE:

Principal Engineer

EDUCATION:

B.S., Civil Engineering, SanDiego State University

REGISTRATIONS & CERTIFICATIONS:

Professional Engineer, Florida # 48154 and one other state

RELEVANT EXPERIENCE:



FDOT Design-Build Value Added Foundation Design, Sawgrass Expressway over Atlantic, Blvd, FL

Geotechnical Principal. Madrid was requested to step in as Geotechnical EOR to an existing project and provide geotechnical foundation design services for a proposed alternate bridge configuration.

I-4/SR 557 Polk County, FL

Geotechnical Principal. Principal Engineer. Madrid was responsible for the geotechnical exploration program, reviewing of the subsurface investigation, laboratory-testing program, engineering analysis and report preparation for roadway soil survey. Provide technical support services for an Engineering Analysis Report (EAR) which is ongoing.

FDOT Design-Build, Interchange at MLK and I-75, Brandon, FL

Geotechnical Principal. Madrid serves as the Geotechnical EOR for the new interchange with multiple bridges, high MSE walls, and various signs, signals and other structures. The design includes wick drains and surcharging for the approaches at one bridge and innovative ground improvement solution to support a high MSE wall near a buried gas line.

FDOT Roadway Projects, FL

Geotechnical Engineer. Roadway soil survey, field exploration, and flexible pavement design for several new construction, widening and rehabilitation projects. Also included foundation recommendations for major signals and signs.

Pavement Condition Surveys, FL

Geotechnical Engineer. Perform pavement corings and field evaluation followed by condition assessment and remedial recommendations for private development and County roadways in Hillsborough, Polk, and Pinellas Counties.

Various Engineering Analysis Reports (EAR's) for FDOT Projects in District 1 and District 3, FL

Geotechnical Engineer-of-Record. Madrid CPWG served as a third party independent evaluator and prepared multiple TPAA (Testing Plan and Analysis Approach) documents for various geotechnical issues on SR 739/US 41 Business in Lee County Florida.

TAB 4.

Is this Firm a “Polk County Entity?”



TAB 4 | Is the Firm a “Polk County Entity”?

Proximity to the client allows us to be responsive. The Geosyntec Team includes three subconsultant within Polk County with local offices located between 15 minutes to an hour away from the project site.

As requested by the RFP, below is a listing of the subcontractors local office locations:



9399 North Lake Buffum Road
Fort Meade, FL 33841

Yrs in location: 15
Number of employees: 3



Headquarters
5709 First Avenue South
St . Petersburg, FL 33707

Local Office
4350 Lewellyn Road
Lakeland, FL 33810

Yrs in location: 5
Number of employees: 3



5709 First Avenue South
Bartow, FL 33830

Yrs in location: 16
Number of employees: 47



Headquarters
23800 County Road 561
Astatula, FL 34705

Local Office
1000 Beacon St.
Lakeland, FL 33803

Yrs in location: 1
Number of employees: 5



TAB 5.

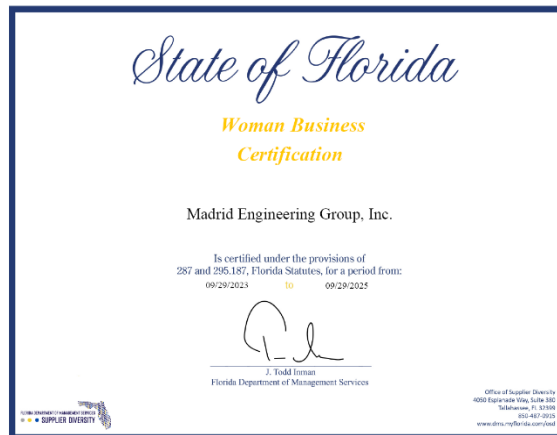
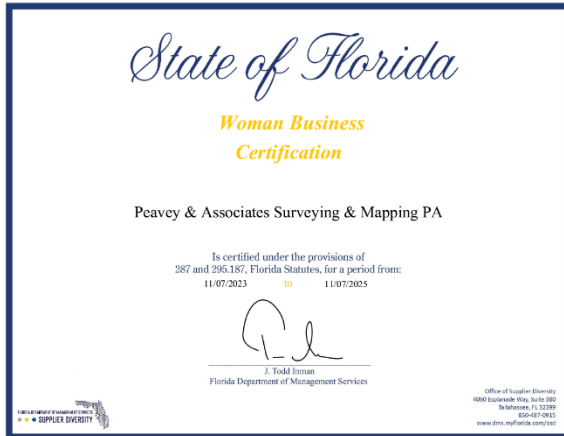
**Is this Firm a “Certified
Woman or Minority
Business Enterprise?”**



TAB 5 | Is the Firm a “Certified Woman or Minority Business Enterprise”

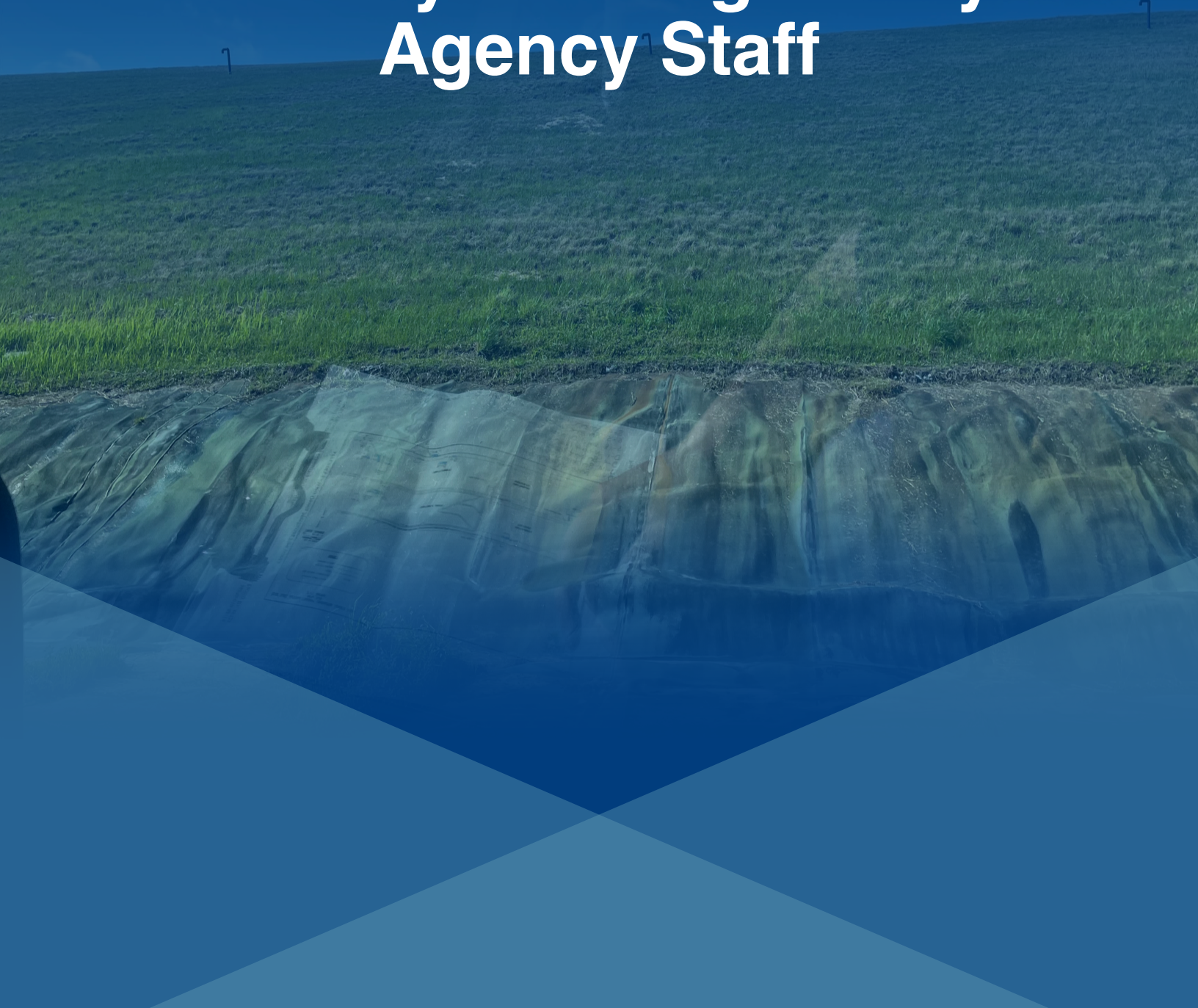


Geosyntec is committed to fostering the success of minority and disadvantaged business enterprises (MBE and DBE). We actively seek subcontracting opportunities with various small businesses, including those that are small disadvantaged, woman-owned, veteran-owned (including service-disabled veterans), and those in Historically Underutilized Business Zones (HUBZone), in compliance with U.S. Government laws and regulations. For Polk County, our team includes Peavy & Associates Surveying & Mapping, PA (WBE), Ambient Technologies, Inc (MBE), and Madrid Engineering Group, Inc (WBE). Geosyntec is not a MBE, DBE, or woman-owned business.



TAB 6.

Interaction with County and Regulatory Agency Staff



TAB 6 | Interaction with County and Regulatory Agency Staff

Geosyntec is currently supporting or has supported numerous private and municipal clients with active evaluation monitoring at solid waste sites with consent orders related to groundwater quality violations with the FDEP Solid Waste Section with the Southwest District and with Tallahassee on matters related to Class I landfills. We have an excellent track record of constructively working with municipal staff and serving as liaison with numerous federal, state, and local regulatory agencies to conduct complex work throughout the U.S. and Florida. Geosyntec is prepared to support the PCSWD's Solid Waste staff and County staff to successfully fulfill the scope of services. This project will include interactions with FDEP Solid Waste (SW District and Tallahassee), FDEP Waste cleanup division (SW District), FDEP Office of General Counsel (OGC), and Southwest Florida Water Management District (SWFWMD; potential ERP permit modification). We have unparalleled insight into the regulations and the permitting process and understand the informational needs and effort required to obtain permits with various regulatory agencies and address consent orders. See below for specific examples of applicable interaction with regulatory staff.



Richard Tedder, PE, the former Administrator of the FDEP Solid Waste Program, provides high-level regulatory interaction on matters, including: i) waste mining permitting at the Monex facility in Crystal River, and ii) negotiation of Consent Order closure at the Class I Hillsborough County Southeast Landfill

Matt Wissler, PG, has led numerous projects resulting in successful outcomes for several clients, including: i) negotiation of the reduction of evaluation monitoring parameters and streamlined FDEP approval at the Class I JED Landfill in St Cloud, FL and the Class I Indian River Landfill; ii) negotiation with FDEP and Florida Department of Health (FDOH) in reclassifying wells from potable to irrigation at the Class III Keene Road Landfill; and iii) secured FDEP and Florida Geologic Survey approval of a geologic/hydrogeologic assessment of several sinkholes in the footprint of a Class I lateral expansion for the Hillsborough County Solid Waste Management Department.

Craig Browne, PE, has experience working with FDEP to successfully complete permitting and associated construction through multiple districts and Tallahassee as well as with multiple water management districts, including SWFWMD. Recent examples include: i) design and successful closure of two FDEP custodied facilities in the panhandle, and ii) successful permitting of closure cap systems for the Sun Country Facility in Tampa, FL and the SLD Facility in Punta Gorda, FL, and associated partial closure construction events.

Rachel Klinger, PE, BCEE, brings a wealth of experience with FDEP's Waste Cleanup Division (SW District and Tallahassee) with over 10 successful site closures at numerous waste cleanup sites involving the remediation of volatiles utilizing the provisions outlined in Chapter 62-780, FAC.

Our approach to successful outcomes with FDEP begins with early coordination including pre-application meetings that help us facilitate project permitting needs and the identification of key regulatory issues. As a matter of practice, we foster early regulator buy-in on projects through participation in pre-application meetings and other communications prior to design efforts to ensure our deliverables are permittable. This attention to the permitting process often minimizes requests for additional information and time required to achieve permit approval.

Geosyntec also works with FDEP staff in the role of consultant as well as the more traditional role of permit applicant under contract since 2003. As a consultant, Geosyntec has provided landfill design, permitting, and closure services to FDEP at four abandoned facilities in Florida that FDEP managed. We have also been responsible for the assessment, remediation, and closure of more than 75 former hazardous waste and dry-cleaning sites for the Waste Sites Cleanup Section since 2003. These projects have included complex multi-media contamination from organic and inorganic constituents using innovative technologies such as phytoremediation and bioremediation. Simply stated, our local familiarity and depth of experience and our trust established with regulators can be utilized to the PCSWD's advantage resulting in an effective and efficient solution.



TAB 7.

**Timely Completion of
Projects**

TAB 7 | Timely Completion of Projects

Current and Future Projected Workload

Current and projected workloads are shown in the table below represented as a percentage of expected time available relative to total time (i.e., 40 hours/week, 2080 hours/year) to devote to the Southeast Landfill project.

Team Member	Role	Current Workload December 2024 (% Availability)	Projected Workload Remaining 2024 through 2025 (Average % Availability)
Rachel Klinger, PE, BCEE	Project Manager, Remedial Options and Design Support	40	80
Craig Browne, PE	Assistant Project Manager	40	50
Richard Tedder, PE	Regulatory Support Liaison	20	70
Dan Schauer, PG	Project Director	30	70
Tim Copeland, PhD, PE	Landfill Closure Design and Permitting Lead	45	60
Fred Chandler, PG	Construction Management Lead	25	80
Kevin Warner, PE	Remedial Options and Design Lead	25	70
Joe Bartlett, PE	Remedial Action Implementation Lead, Remedial Options and Design Support	40	50
Matt Wissler, PG	Hydrogeologic Assessment Lead, Remedial Action Implementation Support	25	40

Daily Ability to Handle the Scope of Services

Advanced technology enables Geosyntec to provide services efficiently, effectively, and in a seamless manner. Daily use and monitoring of electronic communications via computers, tablets, smart phones, and cell phones ensures responsiveness by all team members. Digital file sharing occurs via file transfer protocol (FTP) and cloud-based storage systems such as Teams and OneDrive, which allow file access anywhere there is an Internet connection.

Geosyntec utilizes state-of-the-art technology to facilitate communication and transfer information between our offices and clients. We can quickly and efficiently set up virtual conferences, transmit documents and renderings, and reduce costs by working remotely wherever possible during a project. Our employees utilize every available system to communicate effectively and economically around the world, regardless of location.



TAB 8.

Surveys of Past Performance



Survey Questionnaire – Polk County

RFP 24-654 Polk County Southeast Landfill Design Services

To: Sean McGinnis (Name of Person completing survey)

Lakeland Electric (Name of Client Company/Consultant Phone

Number: 863-834-6169 Email: sean.mcginnis@lakelandelectric.com

Subject: Past Performance Survey of Similar work:

Project name: LAKELAND ELECTRIC BY-PRODUCTS STORAGE AREA COAL COMBUSTION
RESIDUAL LANDFILL CLOSURE

Name of Consultant being surveyed: Geosyntec

Cost of Services: Original Cost: \$679K Ending Cost: \$885K

Contract Start Date: 2020 Contract End Date: Project is ongoing

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Consultant /individual again) and 1 representing that you were very unsatisfied (and would never hire the Consultant /individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	9
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	N/A
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	9
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Overall Client satisfaction and comfort level in hiring	(1-10)	10
11	Ability to offer solid recommendations	(1-10)	10
12	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Printed Name of Evaluator Sean McGinnis

Signature of Evaluator: 

Please fax or email the completed survey to: _____

Survey Questionnaire – Polk County

RFP 24-654 Polk County Southeast Landfill Design Services

To: Josh Henderson (Name of Person completing survey)
Bonnet Springs Park (Name of Client Company/Consultant)
 Phone Number: 863-732-7000 Email: Josh@bonnetspringspark.com

Subject: Past Performance Survey of Similar work:

Project name: Bonnet Springs Park

Name of Consultant being surveyed: Geosyntec Consultants, Inc.

Cost of Services: Original Cost: \$416,730 Ending Cost: \$651,656

Contract Start Date: 09/2018 Contract End Date: 03/2022

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Consultant /individual again) and 1 representing that you were very unsatisfied (and would never hire the Consultant /individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	10
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Overall Client satisfaction and comfort level in hiring	(1-10)	10
11	Ability to offer solid recommendations	(1-10)	10
12	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Printed Name of Evaluator Josh Henderson

Signature of Evaluator: 

Please fax or email the completed survey to: AAcosta@Geosyntec.com

Survey Questionnaire – Polk County

RFP 24-654 Polk County Southeast Landfill Design Services

To: Kirk Wills (Name of Person completing survey)
Geosyntec Consultants (Name of Client Company/Consultant)
 Phone Number: 813-388-1026 Email: kirk.wills@wasteconnections.com

Subject: Past Performance Survey of Similar work:

Project name: Monex Class I Landfill Characterization, Permitting and Mining

Name of Consultant being surveyed: Richard Tedder, Craig Browne, Matt Wissler

Cost of Services: Original Cost: _____ Fees: \$63,957 Ending Cost: _____ Fees: \$63,957

Contract Start Date: June 2014 Contract End Date: October 2021

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Consultant /individual again) and 1 representing that you were very unsatisfied (and would never hire the Consultant /individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	10
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Overall Client satisfaction and comfort level in hiring	(1-10)	10
11	Ability to offer solid recommendations	(1-10)	10
12	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Printed Name of Evaluator Kirk Wills

Signature of Evaluator: 

Please fax or email the completed survey to: mwissler@geosyntec.com

Survey Questionnaire – Polk County

RFP 24-654 Polk County Southeast Landfill Design Services

To: Kaz Szymoniak (Name of Person completing survey)
Geosyntec Consultants (Name of Client Company/Consultant)
 Phone Number: 850-981-7139 Email: kazs@santarosa.fl.gov

Subject: Past Performance Survey of Similar work:
 Project name: Landfill Engineering Design and Permitting Services

Name of Consultant being surveyed: Craig Browne

Cost of Services: Original Cost: \$613,195 Ending Cost: \$613,195

Contract Start Date: March 2017 Contract End Date: July 2018

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Consultant /individual again) and 1 representing that you were very unsatisfied (and would never hire the Consultant /individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	9
6	Ability to communicate with Client's staff	(1-10)	9
7	Ability to resolve issues promptly	(1-10)	9
8	Ability to follow protocol	(1-10)	9
9	Ability to maintain proper documentation	(1-10)	9
10	Overall Client satisfaction and comfort level in hiring	(1-10)	10
11	Ability to offer solid recommendations	(1-10)	10
12	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Printed Name of Evaluator Kaz Szymoniak

Signature of Evaluator: *Kaz Szymoniak*

Please fax or email the completed survey to: cbrowne@geosyntec.com

Survey Questionnaire – Polk County

RFP 24-654 Polk County Southeast Landfill Design Services

To: Chris Gasinski (Name of Person completing survey)
TECO Peoples Gas (Name of Client Company/Consultant)
 Phone Number: 813-228-6484 Email: cmgasinski@tecoenergy.com

Subject: Past Performance Survey of Similar work:

Project name: Orlando MGP

Name of Consultant being surveyed: Geosyntec Consultants, Inc.

Cost of Services: Original Cost: \$7,468,806 Ending Cost: \$7,720,476

Contract Start Date: February 2014 Contract End Date: Ongoing

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Consultant /individual again) and 1 representing that you were very unsatisfied (and would never hire the Consultant /individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	10
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Overall Client satisfaction and comfort level in hiring	(1-10)	10
11	Ability to offer solid recommendations	(1-10)	10
12	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Printed Name of Evaluator Chris Gasinski

Signature of Evaluator: 

Please fax or email the completed survey to: RKlinger@Geosyntec.com

Survey Questionnaire – Polk County

RFP 24-654 Polk County Southeast Landfill Design Services

To: Himanshu H. Mehta, PE (Name of Person completing survey)
Geosyntec Consultants (Name of Client Company/Consultant)
 Phone Number: 772-770-5112 Email: hmehta@indianriver.gov

Subject: Past Performance Survey of Similar work:
 Project name: Inactive C&D Landfill Evaluation Monitoring and Phytoremediation Design
 Name of Consultant being surveyed: Matt Wissler, Daniel Montiel, Zack Munger
 Cost of Services: Original Cost: Fees: \$210,132.55 Ending Cost: Fees: \$210,132.55
 Contract Start Date: October 2020 Contract End Date: May 2022

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Consultant /individual again) and 1 representing that you were very unsatisfied (and would never hire the Consultant /individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	10
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Overall Client satisfaction and comfort level in hiring	(1-10)	10
11	Ability to offer solid recommendations	(1-10)	10
12	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Printed Name of Evaluator HIMANSHU H. MEHTA
 Signature of Evaluator: *H. Mehta* 11-8-24
 Please fax or email the completed survey to: mwissler@geosyntec.com

Survey Questionnaire – Polk County

RFP 24-654 Polk County Southeast Landfill Design Services

To: Cynthia Bishop (Name of Person completing survey)
Geosyntec Consultants (Name of Client Company/Consultant)
 Phone Number: 214-893-5646 Email: cbishop@cbishoplaw.com

Subject: Past Performance Survey of Similar work:

Project name: Groundwater Remediation System Design and Site Closure

Name of Consultant being surveyed: Ryan Tuttle, Matt Wissler, Rachel Klinger, Olivia Cain

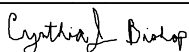
Cost of Services: Original Cost: Fees: \$2,370,000 Ending Cost: Fees: \$2,370,000

Contract Start Date: October 2011 Contract End Date: August 2022

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Consultant /individual again) and 1 representing that you were very unsatisfied (and would never hire the Consultant /individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	10
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Overall Client satisfaction and comfort level in hiring	(1-10)	10
11	Ability to offer solid recommendations	(1-10)	10
12	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Printed Name of Evaluator Cynthia Bishop

Signature of Evaluator: 

Please fax or email the completed survey to: rtuttle@geosyntec.com

Survey Questionnaire – Polk County

RFP 24-654 Polk County Southeast Landfill Design Services

To: Chris Gasinski (Name of Person completing survey)
TECO Peoples Gas (Name of Client Company/Consultant)
 Phone Number: 813-228-6484 Email: cmgasinski@tecoenergy.com

Subject: Past Performance Survey of Similar work:

Project name: Tampa MGP


Name of Consultant being surveyed: Geosyntec Consultants, Inc.

Cost of Services: Original Cost: \$3,046,027 (Phase 3) Ending Cost: \$3,642,956

Contract Start Date: 2014 Contract End Date: Ongoing

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Consultant /individual again) and 1 representing that you were very unsatisfied (and would never hire the Consultant /individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	10
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Overall Client satisfaction and comfort level in hiring	(1-10)	10
11	Ability to offer solid recommendations	(1-10)	10
12	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Printed Name of Evaluator Chris Gasinski
 Signature of Evaluator: 
 Please fax or email the completed survey to: RKlinger@Geosyntec.com

Survey Questionnaire – Polk County

RFP 24-654 Polk County Southeast Landfill Design Services

To: Chris Gasinski (Name of Person completing survey)
TECO Peoples Gas (Name of Client Company/Consultant)
 Phone Number: 813-228-6484 Email: cmgasinski@tecoenergy.com

Subject: Past Performance Survey of Similar work:

Project name: Tampa MGP


Name of Consultant being surveyed: Geosyntec Consultants, Inc.

Cost of Services: Original Cost: \$3,046,027 (Phase 3) Ending Cost: \$3,642,956

Contract Start Date: 2014 Contract End Date: Ongoing

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Consultant /individual again) and 1 representing that you were very unsatisfied (and would never hire the Consultant /individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	10
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Overall Client satisfaction and comfort level in hiring	(1-10)	10
11	Ability to offer solid recommendations	(1-10)	10
12	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Printed Name of Evaluator Chris Gasinski
 Signature of Evaluator: 
 Please fax or email the completed survey to: RKlinger@Geosyntec.com

Survey Questionnaire – Polk County

RFP 24-654 Polk County Southeast Landfill Design Services

To: Eric Zamora (Name of Person completing survey)
Geosyntec Consultants (Name of Client Company/Consultant)
 Phone Number: 954-444-5742 Email: ericzamora@icloud.com

Subject: Past Performance Survey of Similar work:
 Project name: Groundwater Assessment and Remediation: CPC

Name of Consultant being surveyed: Rachel Klinger, Matt Wissler, Fred Chandler

Cost of Services: Original Cost: Fees: over \$10 million Ending Cost: Fees: over \$10 million

Contract Start Date: October 2000 Contract End Date: March 2023

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Consultant /individual again) and 1 representing that you were very unsatisfied (and would never hire the Consultant /individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Close out process	(1-10)	10
6	Ability to communicate with Client's staff	(1-10)	10
7	Ability to resolve issues promptly	(1-10)	10
8	Ability to follow protocol	(1-10)	10
9	Ability to maintain proper documentation	(1-10)	10
10	Overall Client satisfaction and comfort level in hiring	(1-10)	10
11	Ability to offer solid recommendations	(1-10)	10
12	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Printed Name of Evaluator Eric Zamora

Signature of Evaluator:  _____

Please fax or email the completed survey to: mwissler@geosyntec.com

Exhibit Aiii



1200 Riverplace Boulevard, Suite 710
Jacksonville, Florida 32207
PH 904-858-1818
FAX 904-396-1143
www.geosyntec.com

Transmitted electronically via email

4 March 2025

Ms. Susan Pelz, P.E.
Mr. Beau McCall
Polk County Solid Waste Division
10 Environmental Loop S
Winter Haven, Florida 33880

Subject: Proposal for Assessment and Engineering Services Final
Polk County Southeast Landfill (Site 203)
2250 Golfview Cutoff Road, Lake Wales, Polk County, Florida

Dear Ms. Pelz and Mr. McCall:

As requested, Geosyntec Consultants (Geosyntec) has prepared this proposal for a phased project approach and engineering services associated with the Polk County Southeast Landfill (Site 203) located in Lake Wales, Florida. This phased project approach encompasses activities to comply with the Florida Department of Environmental Protection (FDEP) Consent Order 24-2524 effective 15 January 2025 and pursuant to Polk County's Request for Proposal No. 24-654.

INTRODUCTION

This proposal is envisioned to be one of several to be developed over the course of the project given the progressive nature of the work. The proposal focuses on the required initial assessment phase of work along with closure design and permitting activities that can be undertaken in parallel. Understandably, this proposal does not address certain future elements of the work, including for example remedial construction and oversight, as these facets of the work have yet to be fully developed. We have assumed that individual scopes of work and fees for successive phases will be developed and negotiated with Polk County Solid Waste Division (PCSWD) as the project progresses.

Based on the project kick-off meeting held on 22 January 2025, four phases of the project were identified and include:

- Phase 1 – Assessment;
- Phase 2 – Remediation;
- Phase 3 – Closure Design and Permitting; and
- Phase 4 – Construction Quality Assurance

Due to the nature of the project and with concurrence from the County, several of the phases (and tasks within each phase) will be conducted concurrently to comply with the Consent Order and expedite the project schedule.

SUMMARY OF ACTIVITIES ASSOCIATED WITH PROJECT PHASES

A summary of the services to be provided with each phase of work is provided below. The scope of work associated with Phase 1 Assessment and Phase 3 Closure Design and Permitting were discussed with the County during the kick-off meeting. As such, a specific scope, budget, and schedule associated with various tasks within Phase 1 and Phase 3 are also presented herein. Each of the phases below includes: (i) meetings with the County, FDEP, and other regulatory agencies, as needed; (ii) project management activities (i.e., project planning, invoicing, budget and schedule tracking, resource management, team coordination, change management, etc.); (iii) regular communication with the County; and (iv) applicable site visits by the project team. The elements of Phases 1 and 3 included in this proposal are outlined below as well as the future elements of Phases 2 and 4 which will be estimated following the completion of Phases 1 and 3, respectively.

Phase 1 – Assessment

- Health and Safety Planning
- Field Planning and Site Reconnaissance
- Assessment Workplan Preparation
- FDEP Meeting
- Supplemental Assessment Implementation
- Assessment Report Preparation

A proposal for Phase 2 will be provided following the completion of Phase 1 when the remediation scope of the project is better defined. We anticipate the elements below to be included in the Phase 2 proposal.

Phase 2 – Remediation

- Remedial Alternative Evaluation, Costing, and Selection
- Remedial Design and Technical Specifications
- Remedial Design Bidding Support
- Remedial System Construction
- Remedial System Startup and Operation and Maintenance
- Remedial System Reporting

Phase 3 – Closure Design and Permitting

- Closure Alternative Evaluation, Costing, and Selection
- Closure Design
- Solid Waste Permitting

A proposal for Phase 4 will be provided following the completion of Phase 3 when the remedial construction component of the project is better defined. We anticipate the elements below to be included in the Phase 4 proposal.

Phase 4 – Bid Support and Construction Quality Assurance

- Bid Document Preparation and Bid Support
- Project Coordination and Meetings
- Field CQA Services
- Laboratory Testing
- Final CQA Certification Report

The scope of the individual tasks identified under Phases 1 and 3 are presented in more detail below.

PHASE 1 TASK DETAILS

The proposal for Phase 1 tasks includes the scope of work discussed with PCSWD during the kick-off meeting on 22 January 2025.

Task 1 – Health and Safety Planning

Geosyntec will prepare a health and safety plan (HASP) and task hazard analysis to mitigate hazards associated with tasks to be undertaken by the assessment team. The HASP will include hazard identification and associated mitigators, hospital emergency room and urgent care routes, safety data sheets for materials brought to the Site, and local emergency services and appropriate PCSWD personnel contact information. The HASP will be submitted to PCSWD for review. In addition and as noted in Task 5, a private utility locate will be conducted under Geosyntec supervision to assess if underground utilities conflict with proposed test pit and monitoring well locations and if conflicts are present, these proposed locations will be adjusted.

Task 2 – Field Planning and Site Reconnaissance

Geosyntec conducted a Site reconnaissance on 29 January 2025 to assess accessibility for potential sample locations for collection of groundwater samples and to evaluate if Site features may be pertinent for consideration for the tasks outlined under the phased approach. This reconnaissance

and the initial project kickoff meeting with PCSWD personnel conducted on 22 January 2025 are included under this task.

Task 3 – Assessment Work Plan Preparation

Utilizing previous historical assessment data, Geosyntec will prepare an assessment workplan that will include the following proposed items:

- Direct push technology (DPT) groundwater screening locations;
- Monitoring well to establish new compliance wells;
- Groundwater sampling to assess groundwater quality at potential compliance monitoring wells;
- Test pit locations to assess the extent of waste;
- Soil borings on cap to assess thickness of soil cover;
- Aquifer testing at existing and newly installed monitoring wells to evaluate hydraulic conductivity in the upper and lower sections of the surficial aquifer;
- Methodology for DPT groundwater sample collection, field parameter screening, aquifer testing, and borehole abandonment; and
- Laboratory and field parameter analytes/methods for groundwater sample analysis.

A draft assessment workplan will be provided to PCSWD personnel for review and comment. Comments from PCSWD for the workplan will be addressed and finalized for submittal to FDEP.

Task 4 – FDEP Meeting

Geosyntec will prepare a presentation to summarize the assessment workplan and lead a meeting with PCSWD and FDEP personnel to discuss the workplan content. The workplan will be revised to address FDEP meeting comments (if FDEP comments are provided) and finalized for re-submittal to FDEP.

Task 5 – Assessment Activities

Direct Push Technology Groundwater Screening Initial Assessment

Prior to completing any subsurface investigation activities, a private utility locate will be conducted to assess if underground utilities conflict with proposed test pit and groundwater screening/monitoring well locations and if conflicts are present, these proposed locations will be adjusted. Additionally, a ground penetrating radar (GPR) survey will be completed at each investigation location to screen for buried subsurface utilities.

Ten (10) groundwater screening locations are proposed along the northern and eastern sides adjacent to the closed disposal facility. The intent of the groundwater screening locations is to delineate water quality and identify locations for permanent monitoring well installations. The proposed groundwater screening locations are shown on **Figure 1**. Vertical groundwater profiling will be conducted on four-foot (4-ft) intervals continuously between the water table and a maximum depth of 70 feet below land surface (ft bls) or until the top of the Hawthorn regional confining unit is observed. Groundwater screening will be completed by advancing a 4-ft stainless steel slotted screen using direct push technology (DPT) methods as this method was previously used to collect Site groundwater samples to 65 ft bls as reported in the *September 1997 Contamination Assessment Report*. Action Environmental lump sum cost includes a peristaltic pump and silicone and HDPE tubing for collection of DPT groundwater samples at each interval. Field equipment to complete this task will consist of a Hach DR890 colorimeter, YSI Pro Plus meter and turbidity meter.

Groundwater will be purged from each 4-ft interval and screened with a water quality probe capable of monitoring temperature, pH, conductivity and oxidation reduction potential (ORP). Turbidity will also be monitored using a turbidimeter and ammonia will be monitored with a colorimetric field test kit or ion specific sonde. Each groundwater screening interval will be purged at least 3 equipment volumes until stability of field parameters is achieved per FDEP Standard Operating Procedures (SOPs) or a maximum purging period of 15 minutes. Groundwater samples will be analyzed for benzene by United States Environmental Protection Agency (EPA) Method 8260 on a 24-hour turnaround time by a laboratory accredited by the National Environmental Laboratory Accreditation Program (NELAP). Each location will be abandoned with tremie applied cement grout slurry once groundwater screening is completed. The DPT groundwater screening location coordinates will be recorded with a Global Positioning System (GPS) unit in the Florida State Plane West Coordinate System datum. Geosyntec assumes 12 days to complete DPT groundwater screening at the Site. We have assumed that groundwater generated from DPT groundwater screening will be placed in the on-Site leachate collection system for disposal.

Monitoring Well Installation

Geosyntec proposes the installation of six (6) monitoring wells following review of the DPT groundwater screening activities. The monitoring well screen intervals and locations will be based on the DPT groundwater screening results. For costing purposes, the assumed monitoring well screen intervals will be approximately 40-50 feet below land surface. The monitoring wells will be constructed with 2-inch diameter Schedule 40 poly-vinyl chloride (PVC) riser approximately 3 feet above land surface, ten feet of Schedule 40 PVC 0.006-inch slotted screen with a 30/45 sand pack one foot above the screen interval, one foot of 30/65 sand to seal the sand pack, and Portland type I/II cement from the sand seal to land surface. Monitoring wells will be completed with an aboveground protective cover within a 2-foot by 2-foot by 4-inch thick concrete pad surrounded by four bollards. Monitoring wells will be developed until turbidity is below 20 nephelometric

turbidity units. We have assumed groundwater generated from monitoring well installation will be placed in the leachate collection system for disposal. Field equipment to complete this task will consist of a water level meter and turbidimeter.

The top of casing elevations will be surveyed in feet relative to the National Geodetic Vertical Datum of 1988 by a licensed surveyor and the monitoring well location coordinates be recorded in the Florida State Plane West Coordinate System datum. Geosyntec assumes six (6) days to complete monitoring well installations at the Site.

Soil generated from monitoring well installations will be placed in drums and analyzed for the following compounds for waste disposal characterization:

- Resource Conservation and Recovery Act metals (i.e., arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) by EPA Method 6020 and/or 7471 using the toxicity characteristic leaching procedure (TCLP); and
- Volatile organic compounds (VOCs) by EPA Method 8260 using TCLP.

Geosyntec assumes the listed analytes will be sufficient for waste characterization and disposal at the Polk County North Central Landfill (NCLF) located in Auburndale, Florida. Costs have been included for the transport and disposal at the NCLF.

Groundwater Sampling

Groundwater sampling will be conducted at the six (6) newly installed monitoring wells by Geosyntec staff to ensure low turbidity during sample collection. The groundwater samples will be collected in general accordance with FDEP Standard Operating Procedure FS-2200 Groundwater Sampling. The groundwater samples will be analyzed for the following parameters outlined in 62-701.510(7)(a) and (c), Florida Administrative Code (F.A.C.):

- Total ammonia as nitrogen by EPA Method 350.1;
- Chlorides by EPA Method 300.0;
- Nitrates by EPA Method 353.2;
- Mercury by EPA Method 7470;
- Total dissolved solids by Standard Method 2540C;
- Iron, sodium, and inorganic constituents as listed in 40 Code of Federal Regulations (CFR) Part 258 Appendix I by EPA Method 6020;
- VOCs as listed in 40 CFR Part 258 Appendix I by EPA Method 8260 or EPA Method 8011; and
- Constituents listed in 40 CFR Part 258 Appendix II by multiple EPA methods.

Groundwater sampling field equipment will consist of a peristaltic pump, water level meter, turbidimeter, and a water quality meter for measurement of field parameters (i.e., specific conductance, oxidation-reduction potential, pH, depth to water, temperature, and dissolved oxygen). The groundwater samples will be analyzed at a standard turnaround time by a NELAP accredited laboratory. It is assumed groundwater generated from the sampling event can be placed in the on-Site leachate collection system for disposal. Geosyntec assumes two (2) days to complete groundwater sampling at the Site.

Aquifer Testing

Slug tests will be conducted at 15 existing Site and six (6) newly installed monitoring wells to assess hydraulic conductivity to support the evaluation of remedial approaches. The basis of the slug test is to measure the water level response from initial static conditions to an instantaneous change of the water level in a well. Comparing this time-dependent change in water level to typical type-curves (theoretical response curves) provides an estimation of horizontal hydraulic conductivity (Kh) of the aquifer formation materials adjacent to the well screen. Pneumatic slug tests will be conducted with the use of compressed air regulated with valves and fittings to use a range of pressures to generate different displacements of groundwater for each test. If a portion of the well screen is exposed above the water table, then conventional solid slugs of three different sizes will be used to generate different displacements for each test. Geosyntec assumes slug testing can be completed at six (6) wells per day and will take four (4) days to complete aquifer testing at the Site. Slug testing field equipment will consist of a pressure transducer and water level meter.

Test Pits

Test pits will be conducted from the toe of the slope on the north and east face of the landfill to assess the extent of waste to support closure design. In addition, test pits will be conducted along the western limits of the closure area where the presumed termination of adjacent geomembrane cap exists to identify limits and type of existing geomembrane. The 14 proposed test pit locations (approximately one per 150 feet) are shown on **Figure 1**. Along the east and north sides, the test pits will extend perpendicularly from the toe of the slope to the end of observed waste. Along the west side, the test pits will extend perpendicularly towards the assumed limit of geomembrane. The test pits will be backfilled with the excavated material upon completion. The test pit location coordinates will be recorded with a GPS unit in the Florida State Plane West Coordinate System datum. Geosyntec assumes two (2) days to complete test pitting at the Site. No field equipment will be required to complete this task.

Soil Cover Thickness Assessment

Soil borings will be performed on the top and sides of the cap to assess soil cover thickness. The 24 proposed soil boring locations (approximately two per acre) are shown on **Figure 1**. The soil borings will be advanced with a hand auger to the top of waste and the thickness of the soil cover

will be measured. The investigation locations will be backfilled with soil removed from the borehole. The soil boring location coordinates will be recorded in a GPS unit in the Florida State Plane West Coordinate System datum. Geosyntec assumes one (1) day to complete the soil cover thickness assessment at the Site. Field equipment to complete this task will consist of a hand auger and handheld GPS unit.

Phytoremediation Feasibility Assessment

As a part of test pitting, multiple test pits will be completed below the water table (if possible) to assess the feasibility TreeWell® installation. The key constructability consideration is the ability of a large diameter borehole to remain open for a period of up to one hour for installation of TreeWell® components including liner and backfill soil. The test pits will be gauged with a water level meter and visually observed for a period of one hour to monitor for sidewall stability. Once the evaluation is complete, the test pits will be backfilled with the soil removed as part of the assessment.

Additionally, groundwater samples will be collected from two (2) of the six (6) newly installed monitoring well for irrigation suitability parameters and analyzed by Servitech to evaluate if groundwater conditions are congruent with phytoremediation at the Site. These samples will be collected during the monitoring well sampling detailed above. No additional field equipment will be required to complete this task. The parameters in this analysis include the following:

- Electrical Conductivity;
- pH;
- Nitrate Nitrogen;
- Chloride;
- Bicarbonate;
- Carbonate;
- Hydroxide;
- Total Alkalinity;
- Hardness;
- Hardness (CaCO₃); and
- Total Calcium;
- Total Magnesium;
- Total Potassium;
- Total Sodium;
- Sodium Adsorption Ratio (SAR);
- Adjusted SAR;
- Cation Ratio;
- Total Iron;
- Total Manganese;
- Total Dissolved Solids.

The phytoremediation feasibility assessment will be completed in conjunction with the test pitting and groundwater sampling activities.

Task 6 – Assessment Report Preparation

Following completion of Phase 1, Geosyntec will review the data and prepare a Site Assessment Report (SAR) consistent with 62-780.600, F.A.C. Per 62-701.501(6)(c)2, F.A.C, the SAR will exclude the assessment of soil. The report will include the following:

- Tables:
 - Potable public supply wells within a ½ mile radius and private water supply wells within a ¼ mile radius;
 - Well construction details including top of casing elevations, depth to water measurements, and groundwater elevations;
 - Groundwater sample analytical results;
 - Groundwater flow velocity, vertical and horizontal hydraulic gradient calculations;
 - Groundwater field parameters; and
 - Aquifer testing results.
- Figures:
 - United States Geologic Survey (USGS) topographic figure showing the Site;
 - Site vicinity figure that shows property boundaries, supply wells, and potential off property sources of contamination;
 - Site layout showing monitoring well, soil boring, DPT groundwater screening, test pit, and stormwater retention area locations;
 - Potable public and private supply well locations within a ½ mile and ¼ mile radius of the Site respectively;
 - Groundwater elevation contours showing apparent groundwater flow direction;
 - Plume extent with groundwater sample analytical results;
 - Two (2) geologic cross sections with groundwater sample results for plume visualization; and
 - Soil cover thickness and horizontal extent of waste.
- Appendices:
 - Laboratory analytical reports;
 - DPT location boring logs;
 - Monitoring well boring and installation logs;

- Hydraulic conductivity plots; and
- Field logs.

A draft electronic report will be submitted to PCSWD for review and comment. Report comments from PCSWD will be addressed and finalized for an electronic report submittal to FDEP. Licensed professional geologists Matthew Wissler (Florida license #2521) and Ryan Tuttle (Florida license #2882) will sign and seal the assessment report for submittal to FDEP.

PHASE 3 DETAILED TASKS

Task 1 – Closure Alternative Evaluation, Costing, and Selection

This task will include a comparative evaluation of up to three closure alternatives, assumed to include a conventional cap (geomembrane plus two feet of vegetated cover soil), ClosureTurf[®] final cover system, and an alternative cap that utilizes geosynthetic clay liner (GCL) material instead of geomembrane.

The closure alternative evaluation will consider, at a minimum, the following criteria: environmental protection and impacts, regulatory consistency, cost, schedule, and constructability. Geosyntec will summarize the evaluation criteria above in a brief memorandum and meet with PCSWD to review and develop a final ranking of the options presented. Geosyntec anticipates the preferred closure method will be identified following the meeting with PCSWD.

Task 2 – Closure Design

Preliminary stormwater evaluation

As an initial step in the closure design, Geosyntec will perform a preliminary stormwater evaluation to compare pre- versus post-capping stormwater runoff and function of the existing facility stormwater management system. A brief memorandum will be prepared and submitted to PCSWD documenting the preliminary stormwater evaluation approach, assumptions, and results. While the stormwater evaluation will also serve to guide design of the stormwater management system design for the proposed final cover system, we do not anticipate generating a formal set of calculations that would be required for an Environmental Resource Permit (ERP) application. We assume that a brief teleconference will be held with PCSWD to discuss the stormwater evaluation summary memo.

Draft Closure Plan Drawings

Geosyntec will prepare a draft set of closure design plan drawings. The drawings will depict preliminary grading to prepare for placement of cover system materials, proposed gas management features, proposed stormwater features (e.g., final cover drainage berms, down chutes) and modifications to existing stormwater features (e.g., stormwater detention ponds and perimeter drainage channels), if necessary. Details required to prepare subgrade, install cover system

components, and construct stormwater management features will also be developed as a part of the draft design. The draft closure design drawings are assumed to include the following sheets:

- 1 – Title Sheet;
- 2 – General Notes;
- 3 – Existing Site Conditions;
- 4 – Subgrade Grading Plan;
- 5 – Gas Management Plan;
- 6 – Top of Final Cover Grading Plan;
- 7 – Stormwater Management Plan;
- 8 – Final Cover Details;
- 9 – Gas Management Details; and
- 10 – Stormwater Management Details.

Geosyntec will provide the draft closure design drawings to PCSWD for review and schedule a meeting to discuss comments. Geosyntec will incorporate feedback from PCSWD to develop permit level design drawings for submittal to FDEP with the closure permit application.

Closure Design Calculations

We anticipate the following calculations will be prepared to support the closure system design and to be included in the FDEP solid waste permit application:

- Final Cover Settlement;
- Slope Stability; and
- Final Cover System Performance Evaluation:
 - If a conventional cap utilizing geosynthetics is selected for closure, the performance evaluation will include veneer stability analysis at a critical location of the final cover system, cover drainage system design, and soil erosion analysis; and
 - If ClosureTurf® is the selected method for closure, a design package will be prepared to include evaluation of wind uplift, infill erosion resistance, and geosynthetic longevity.

Licensed professional engineer Craig Browne will serve as engineer of record for the closure design and permitting.

Task 3 – Solid Waste Permitting

A virtual pre-application meeting will be scheduled with FDEP Southwest District to discuss the preliminary closure design and requirements for the closure permit application. One Geosyntec staff will attend the meeting. We assume the closure permit application will include the following components:

- Cover letter and Engineering Report;
- FDEP application Form 62-701.900(1), F.A.C;
- Design Calculations (prepared under Task 2);
- Permit level drawings;
- Technical Specifications and Construction Quality Assurance (CQA) Plan. For the purpose of defining scope, the technical specifications and corresponding CQA Plan are assumed to include the following components:
 - Surveying;
 - Clearing and Grubbing;
 - Earthwork;
 - Trenching and Backfilling;
 - Riprap;
 - Sediment and Erosion Control;
 - Storm Water Conveyances;
 - Geotextiles;
 - Geocomposite;
 - Geomembrane;
 - Synthetic Turf System (if ClosureTurf[®] option is selected);
 - Geosynthetic Clay Liner (if a GCL is used in the final cover system);
 - Interface Friction Conformance Testing;
 - Vegetative Layer; and
 - Vegetation.
- We assume the closure operation plan requirements will be discussed in the Engineering Report;
- Based on input from PCSWD, we understand that Financial Assurance Cost Estimate Calculations are not required for this permit application submittal; and

- Regarding a Long-Term Care Plan, we understand that the permit application will be for closure only and that long-term care requirements currently in place for the facility will be modified subsequently, under a separate scope of work, if necessary.

Geosyntec will provide one electronic copy of the draft permit application package to PCSWD for review. Following receipt of comments from PCSWD on the draft documents, Geosyntec will produce an electronic copy of the final permit application for submittal to FDEP and PCSWD. Geosyntec has assumed PCSWD will pay the fee of \$7,500 for a Closure Permit Application in accordance with paragraph 62-701.315(3)(a), F.A.C. for Class I landfills.

No effort is assumed for responses to Request for Additional Information (RAIs) at this time. The level of effort required for RAI responses will be evaluated upon receipt of RAIs and a separate budget addendum will be developed based on the anticipated responses.

COST ESTIMATE

The estimated cost for the scope of services associated with Phases 1 and 3 of this proposal is provided below.

Phase / Task		Labor Hours	Labor	Direct Expenses	Laboratory Cost	Subcontractor Cost	Budget
Phase 1 – Assessment							
Task 1	Health and Safety Planning	18	\$4,184	--	--	--	\$4,184
Task 2	Field Planning and Site Reconnaissance	14	\$4,161	--	--	--	\$4,161
Task 3	Assessment Work Plan Preparation	44	\$11,868	--	--	--	\$11,538
Task 4	FDEP Meeting	36	\$10,814	--	--	--	\$10,814
Task 5	Assessment Activities	350	\$64,926	\$5,198	\$27,828	\$90,938	\$188,890
Task 6	Assessment Report Preparation	146	\$35,472	--	--	--	\$35,472
Phase 1 – Assessment Subtotals		608	\$131,425	\$7,898	\$27,828	\$90,938	\$255,389
Phase 2 – Remediation (No specific tasks or costs proposed at this time)							
Phase 3 – Closure Design and Engineering							
Task 1	Closure Alternative Evaluation, Costing, and Selection	98	\$24,308	--	--	--	\$24,308
Task 2	Closure Design	398	\$93,179	--	--	--	\$93,197
Task 3	Solid Waste Permitting	216	\$51,420	--	--	--	\$51,420
Phase 3 – Closure Design and Engineering Subtotals		712	\$ 168,907	--	--	--	\$168,907
Phase 4 – Construction Quality Assurance (No specific tasks or costs proposed at this time)							
Phase 1 and Phase 3 Totals		1,320	\$300,333	\$5,198	\$27,828	\$90,938	\$424,297

Geosyntec will provide the services described in this proposal on a time and materials not-to-exceed basis in accordance with the terms and conditions of the agreement between PCSWD and Geosyntec. Our proposed rates used to generate the above cost are included in **Attachment 1**. The

estimated budget for performing these services includes the labor and materials for Geosyntec and our team members (subcontractors) believed necessary to complete the scope of work described in this proposal. Should the Site conditions differ, and/or the required scope of work change, affecting the cost to complete this effort, revised cost estimates will be provided. Detailed cost information and subcontractor bids are presented in **Attachment 2**.

SCHEDULE

A schedule of the proposed activities is presented as **Attachment 3**. Activities will be initiated upon receipt of the executed agreement between PCSWD and Geosyntec.

CLOSURE

Geosyntec appreciates the opportunity to provide continued engineering support on this project. Should you have any questions or need additional information, please do not hesitate to contact us.

Sincerely,



Matthew Wissler, P.G.
Senior Principal Hydrogeologist



Rachel A. Klinger, P.E., BCEE
Senior Principal Engineer

Attachments:

- Attachment 1: Rate Sheet
- Attachment 2: Cost Estimate and Subcontractor Bids
- Attachment 3: Schedule

Cc:

Ken Brush, Maria Romero-Moreno, Dale Henderson, Brian Cogswell: PCSWD
Craig Browne, Dan Schauer, Ryan Tuttle: Geosyntec

FIGURE



● Proposed Groundwater Sample Location

■ Proposed Test Pit Location

● Proposed Soil Boring Location

Not to scale

--- Approximate Extent of Benzene Exceeding GCTL

Proposed Assessment Locations

Golfview Cutoff Road
Babson, Florida



Figure
1

Tampa, Florida

29 January 2025

ATTACHMENT 1
RATE SHEET

Geosyntec Consultants
2025 Rate Schedule
Polk County Solid Waste Division: Southeast Landfill Site

<u>Role</u>	^A <u>Category 1</u>	^A <u>Category 2</u>
	<u>Rate/Hour</u>	<u>Rate/Hour</u>
Staff Professional	\$169.40	\$175.00
Senior Staff Professional	\$193.60	\$200.00
Professional	\$219.74	\$227.00
Project Professional	\$245.87	\$254.00
Senior Professional	\$275.88	\$285.00
Principal	\$300.08	\$310.00
Senior Principal	\$319.44	\$330.00
	^B <u>Category I</u>	^B <u>Category II</u>
	<u>Rate/Hour</u>	<u>Rate/Hour</u>
Technician	\$96.00	\$105.00
Senior Technician	\$115.00	\$125.00
Site Manager	\$135.00	\$155.00
Construction Manager	\$165.00	\$180.00
Designer	\$180.00	\$215.00
Drafter/CADD Operator	\$150.00	\$165.00
Project Administrator/Clerical	\$80.00	\$98.00

Rates provided are client and project specific.

^ACategory 1 and 2 are associated with technical consulting staff. Category 1 is associated with non-engineering or hydrogeology degreed consulting staff. Category 2 is associated with engineering or hydrogeology degreed consulting staff.

^BCategory I and II are associated with non-technical consulting staff. Category I and II vary based on years of experience. Rates will be adjusted during all subsequent contract negotiations.

**ATTACHMENT 2
COST ESTIMATE AND
SUBCONTRACTOR BIDS**

Attachment 2
Polk County Southeast Landfill (Site 203)

Geosyntec Consultants
Cost Estimate

Phase / Task Description	Labor Costs										Total Labor Costs	Direct Costs and Subcontractors						Total Direct and Sub-Contractor Costs	Combined Labor and Direct Costs
	<u>Wissler</u> <u>Klinger</u> Senior Principal	<u>Browne</u> Principal	<u>Tuttle</u> Senior Professional	<u>Montiel</u> <u>Copeland</u> Project Professional	Professional	<u>Adam</u> <u>Ray</u> Sr Staff Professional	<u>Mohammad</u> Staff Professional	<u>Vickers</u> Senior Designer	<u>Sanchez</u> Project Admin	Total Hours		Office/Lab Expenses	Shipping	Travel	Field Expense Rental	Field Expense Purchase	Sub-Contractors		
Phase 1, Task 1 - Health and Safety Planning	0	0	2	0	16	0	0	0	0	18	\$4,184	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,184
HASP Preparation			1		8						\$2,092								
Task Hazard Analysis Preparation			1		8						\$2,092								
Phase 1, Task 2 - Field Planning and Site Reconnaissance	3	4	7	0	0	0	0	0	0	14	\$4,161	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,161
Initial Project Kickoff Meeting	3		3								\$1,818								
Site Reconnaissance		4	4								\$2,344								
Phase 1, Task 3 - Assessment Workplan Preparation	4	0	32	0	0	0	0	8	0	44	\$11,868	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,868
Site Assessment Workplan Preparation	4		32					8			\$11,868								
Phase 1, Task 4 - FDEP Meeting	10	10	16	0	0	0	0	0	0	36	\$10,814	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,814
Presentation Preparation	2	2	8								\$3,487								
FDEP Meeting	8	8	8								\$7,327								
Phase 1, Task 5 - Assessment Implementation	12	0	18	0	0	0	320	0	0	350	\$64,926	\$0	\$0	\$0	\$5,198	\$0	\$118,766	\$123,964	\$188,890
Direct Push Technology Groundwater Screening	2		3				156				\$28,788								
Monitoring Well Installation	2		3				60				\$11,988								
Groundwater Sampling	2		3				20				\$4,988								
Aquifer Testing	2		3				48				\$9,888								
Test Pitting	2		3				24				\$5,688								
Soil Cover Thickness Assessment	2		3				12				\$3,588								
Phase 1, Task 6 - Assessment Report Preparation	17	0	31	0	50	24	0	24	0	146	\$35,472	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,472
Tables	3		3			8		8			\$5,138								
Figures	3		3			8		8			\$5,138								
Cross Section	3		3			8		8			\$5,138								
Aquifer Testing Analysis	5		5		50						\$14,379								
Text	3		17								\$5,680								
Phase 3, Task 1 - Closure alternative evaluation	6	20	0	32	0	40	0	0	0	98	\$24,308	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,308
Hydraulic equivalency cales and cost estimates		8		16		24					\$11,344								
Summary memorandum	2	4		8		16					\$7,132								
County Meeting	4	8		8							\$5,832								
											\$0								
Phase 3, Task 2 - Closure Design	12	44	40	66	0	112	32	92	0	398	\$93,179	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$93,179
Preliminary Stormwater Evaluation (pre vs post), memo, and telecon	4	8	24	24			24	16			\$24,157								
Draft Closure Plan Drawings	4	8	16	12		20	8	76			\$33,002								
Closure Design Cales - settlement		8		8			32				\$10,912								
Closure Design Cales - slope stability		4		6			28				\$8,364								
Closure Design Cales - final cover performance		8		8			32				\$10,912								
County Meeting - Draft Design Drawing Review	4	8		8							\$5,832								
Phase 3, Task 3 - Closure Permit Application	8	34	16	36	0	72	0	46	4	216	\$51,420	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$51,420
FDEP pre-application meeting		4		4							\$2,256								
Cover letter and Engineering Report	4	4		4		24					\$8,376								
FDEP Form		2		4		12					\$4,036								
Permit Drawings		8	8	8		8		40			\$16,919								
Tech Specs & CQA Plan		8		8		24					\$9,312								
Finalization & Submittal of Permit Application	4	8	8	8		4		6	4		\$10,521								
Totals	72	112	162	134	66	248	352	170	4	1320	\$300,333	\$0	\$0	\$0	\$5,198	\$0	\$118,766	\$123,964	\$424,297
Total Dollars	\$23,760	\$34,720	\$44,693	\$34,036	\$14,982	\$49,600	\$61,600	\$36,550	\$392	--									
Hourly Bill Rate Category	2	2	1	2	2	2	2	II	II	--									
Hourly Billing Rate	\$330	\$310	\$276	\$254	\$227	\$200	\$175	\$215	\$98	--									

Attachment 2
Polk County Southeast Landfill (Site 203)

Geosyntec Consultants
Cost Estimate

DIRECT EXPENSES	Unit	Unit Cost	Phase 1						Phase 3				Total Units	Total Cost	
			Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	Task 1	Task 2	Task 3	Task 4			
Office/Lab Expenses															
Copies (8-1/2 x 11 color)	each	\$0.30												0	\$ -
Drawing Sheets (24" x 36")	each	\$3.00												0	\$ -
Permit Application Fee	each	\$0.00												0	\$ -
Subtotal			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Shipping															
Overnight Delivery	each													0	\$ -
Subtotal			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Travel															
Field Vehicle - Daily Use within Polk County	0% day	\$100.00												0	\$ -
Subtotal			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Field Expense Rentals															
Water level meter	0% day	\$31.00					6							6	\$ 186.00
Hach DR890 Colorimeter	day	\$37.00					12							12	\$ 444.00
Peristaltic Pump	day	\$48.00					2							2	\$ 96.00
Transducer Rental (2) with 7% tax	day	\$171.74					4							4	\$ 686.96
Turbidity meter	day	\$37.00					20							20	\$ 740.00
YSI Pro Plus meter	day	\$144.00					20							20	\$ 2,880.00
GPS	day	\$165.00					1							1	\$ 165.00
Subtotal			\$ -	\$ -	\$ -	\$ -	\$ 5,197.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 5,197.00
Subcontractors															
GW- TDS	0% sample	\$15.00					6							6	\$ 90.00
GW - Chloride	sample	\$18.00					6							6	\$ 108.00
GW - Ammonia as N	sample	\$25.00					6							6	\$ 150.00
GW- Nitrate as N	sample	\$18.00					6							6	\$ 108.00
GW- Total cyanide	sample	\$25.00					6							6	\$ 150.00
GW- Sulfide	sample	\$25.00					6							6	\$ 150.00
GW - Iron, Sodium	sample	\$12.00					6							6	\$ 72.00
GW- Appendix II Metals + Sn	sample	\$54.00					6							6	\$ 324.00
GW- Mercury	sample	\$25.00					6							6	\$ 150.00
GW- EDB, DBCP, 123-TCP	sample	\$45.00					6							6	\$ 270.00
GW- Appendix I and II Pesticides	sample	\$95.00					6							6	\$ 570.00
GW- Polychlorinated Biphenyls (PCBs)	sample	\$55.00					6							6	\$ 330.00
GW- Appendix I and II Herbicides	sample	\$130.00					6							6	\$ 780.00
GW- Appendix I and II- Volatiles	sample	\$60.00					6							6	\$ 360.00
GW- Appendix I and II- Semivolatiles	sample	\$125.00					6							6	\$ 750.00
GW- Polycyclic aromatic hydrocarbons	sample	\$90.00					6							6	\$ 540.00
GW- Benzene (24 hour turnaround time)	sample	\$120.00					180							180	\$ 21,600.00
Safe and Environmentally Responsible Waste Management	each	\$6.00					186							186	\$ 1,116.00
TCLP RCRA 8 Metals	sample	\$45.00					1							1	\$ 45.00
TCLP VOCs	sample	\$60.00					1							1	\$ 60.00
TCLP Mercury	sample	\$25.00					1							1	\$ 25.00
ZHE- Extraction	sample	\$40.00					1							1	\$ 40.00
Non-ZHE extraction	sample	\$40.00					1							1	\$ 40.00
SurvTech Solutions TOC Elevation and Topographic Survey	lump sum	\$16,460.00					1							1	\$ 16,460.00
Action Environmental DPT GW Sampling & MW Install	lump sum	\$61,818.00					1							1	\$ 61,818.00
Irrigation Suitability Testing (Servitech)	sample	\$80.00					2							2	\$ 160.00
Action Environmental Test Pitting	lump sum	\$7,500.00					1							1	\$ 7,500.00
Utility Locate	day	\$1,500.00					1							1	\$ 1,500.00
IDW T&D per drum	each	\$100.00					35							35	\$ 3,500.00
Subtotal			\$ -	\$ -	\$ -	\$ -	\$ 118,766.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 118,766.00
TASK			1	2	3	4	5	6	1	2	3	4			
			Phase 1						Phase 3						



February 06, 2025

Mr. Ryan Tuttle, P.G.
Geosyntec Consultants, Inc.
19321 U.S. Highway 19 North, Building C, Suite 200
Clearwater, FL 33764

**Subject: Proposal to Perform a Utility Designation Study
Polk SELF Site
Babson, Florida
GeoView Proposal Number: 11562p**

Mr. Tuttle,

The purpose of this letter is to transmit a proposal to complete a geophysical investigation at the subject site. This proposal is in response to your request for a proposal made during your recent conversations with our office. GeoView Associates, Inc. (GeoView) appreciates the opportunity to provide our services on this project. We look forward to hearing from you soon.

Sincerely,

GEOVIEW ASSOCIATES, INC.

Michael J. Wightman, P.G.
President
Florida Professional Geologist Number 1423
Enclosure

A Geophysical Services Company

5709 First Avenue South
St. Petersburg, FL 33707

Tel.: (727) 209-2334
Fax: (727) 328-2477

Proposal

This document shall serve as a proposal for work to be performed by GeoView Associates, Inc. (GeoView) for Geosyntec Consultants, Inc. (Geosyntec).

Description of Site

The project site is referred to as the Polk SELF Site and is located on Golfview Cutoff Road in Babson, Florida. The purpose of the geophysical survey will be to determine the location of underground utilities or other obstructions within a 20 feet radius of 23 soil test locations. The location of the study area is provided on Figure 1 (page 5).

Scope of Work

The geophysical survey will be conducted using ground penetrating radar (GPR) and conventional electromagnetic (EM) pipe and cable locators. The GPR survey will be conducted using either a Mala and/or a GSSI GPR system. The appropriate GPR antenna configuration and time range and processing parameters will be determined in the field by the project manager.

The EM survey will be performed using a Subsite 95R and/or a Radiodetection RD (8000, 8100 or 8200) system. As appropriate, the EM survey will be conducted using both passive and active modes. The passive mode is used to find cables and conduits carrying live power (50-60 Hz) and communication (29-33Hz) signals. For the active mode survey, a current is transmitted directly or broadcast into using electromagnetic induction a metal pipe or conduit and the path of the pipe/conduit is identified by following the signal with a portable receiver. The active mode is used to trace out cast iron pipes, metal water and sewer lines, utilities that have trace wires, and inactive power and communication lines.

Based on information provided by Geosyntec, it does not appear that the work at any of the sites will require MOT (traffic calming efforts). This proposal does not include the costs for the design or implementation of an MOT program.

If requested, GeoView can provide vacuum excavation services to determine the exact horizontal location, top elevation, outside diameters and material type of specific underground utilities of any utilities identified at the project site. The vacuum excavation will be performed using the Vermeer CV573GT vacuum excavation system. It is noted that the vacuum excavation equipment used by GeoView can only identify utilities above the water table or to a maximum depth of 7 to 8 ft in unconsolidated soils. It will not be possible to confirm (using vacuum excavation) the presence, location or depth of utilities that are located below these depths or in consolidated soil/rock.

Presentation of Results

The location and estimated depths of underground utilities or any other identified structures shall be indicated on the ground surface using spray paint or other methods as specified by Geosyntec. No report shall be prepared.

Compensation

Cost to complete the survey will be \$1,500. If a scaled AutoCAD site map is required to document the study results, an additional fee of \$200 will be added. This price is inclusive of all charges associated with the project. Unless otherwise agreed upon, GeoView shall be compensated for all services within 30 days of the invoice date. GeoView shall be paid in full regardless of whether the results of the geophysical survey are what Geosyntec anticipated. If it is determined during the survey that the geophysical survey will not achieve the objectives of the project, Geosyntec will immediately be notified. If a decision is made to discontinue the survey, only charges for time and materials costs to that point will be submitted.

These prices are based upon GeoView being able to access the site during normal business hours, Monday through Friday. It is also based upon the assumption that no site-specific training or drug testing will be required. If there are any such requirements, additional costs will be incurred.

Requirements of Client

Geosyntec will provide a scaled map and digital file, if available, of the project site showing the boundaries of the project site, areas of specific concern and pertinent landmarks. Geosyntec will also supply all available information regarding the presence and history of underground utilities at the project site (see limitations for further discussion). Unless otherwise requested, Geosyntec will be responsible for the coordination of site access, traffic control, clearing of onsite obstructions or any other logistical consideration necessary to conduct the survey. If any test drilling, monitor well installation or other excavation activities are planned it will be the responsibility of Geosyntec to submit a notification (dig ticket) to the appropriate 811 One-Call agency. It is recommended that such notification be filed sufficiently in advance so that GeoView will have the opportunity incorporate the 811 findings into their results.

Limitations

The objective of the geophysical survey is to determine the presence and configuration of underground utilities. However, the geophysical response of these features may be highly complex depending upon on the physical characteristics of the underground utilities, the electrical properties of the surrounding soils, the depth of burial of the utilities, and the proximity of the utilities to each other. GeoView shall conduct the geophysical survey using the most “up-to-date”

geophysical equipment in a manner consistent with the level of care and skill ordinarily exercised by members of the geophysical profession practicing in the same locality under similar conditions. GeoView's utility locating personnel are all certified GPR and conventional pipe and cable locator operators with extensive in-house training.

It is acknowledged that GeoView is not an 811 Sunshine One-Call or equivalent utility mark-out service. GeoView does not have access to any utility-related records for either public or private properties. It is the responsibility of Geosyntec to obtain such records and provide them to GeoView prior to the site investigation. GeoView will use these records during the site investigation and report to Geosyntec any utilities that are shown on the site records but cannot be confirmed by GeoView. GeoView will not mark on the ground surface any utilities which it cannot confirm.

GeoView shall only be liable for the successful locating of underground utilities or any other underground structures whose presence is both known and indicated on site maps to be provided prior to the performance of the geophysical survey. Every attempt will be made to locate both known and unknown utilities within the survey area. However, GeoView will only be liable for utilities whose presence is known prior to the survey. Geosyntec accepts that due to the inherent limitations of non-intrusive geophysical technologies GeoView cannot be held liable for damages to utilities that cannot be identified using non-intrusive technologies.

Geosyntec accepts that a non-intrusive utility designation study does not replace the need to employ widely accepted industry safety standards for subsurface work. Concerning the installation of well or test borings this standard of care includes post-holing or hand auguring at the planned test locations to the minimum depth at which underground utilities are anticipated at the project site. If absolute confirmation is needed to a specified depth that underground utilities are not present at a planned work location GeoView can provide vacuum excavation services. Pricing for such services is available upon request.

When Geosyntec is working around indicated utilities, a minimum of 2 ft clearance from either side of the marked utility will be maintained. Unless otherwise indicated, a minimum vertical clearance of +/- 20 percent of the indicated depth shall also be maintained. Geosyntec maintains the responsibility for manually exposing any indicated underground utility for absolute confirmation. Authorization and scheduling of the project is considered acceptance of these terms and conditions.

Other Terms and Conditions

Per Master Services Agreement with Geosyntec Consultants, Inc..

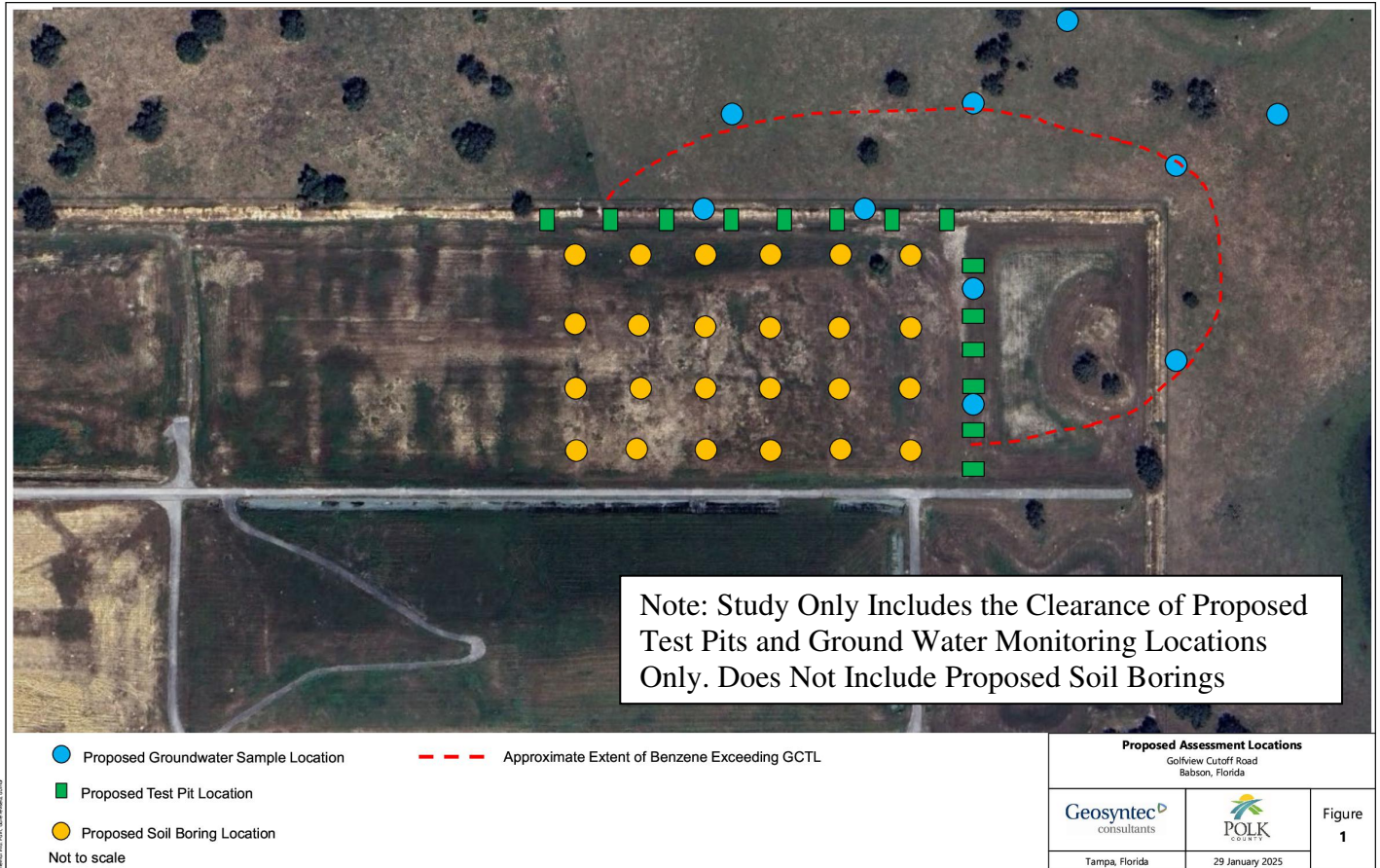


Figure 1 – Project Site Location

GEOVIEW ASSOCIATES, INC. PROPOSAL ACCEPTANCE SHEET

Project Name: **Polk SELF Site**
 Project Location: **Babson, Florida**
 GeoView Proposal #: **11562p**
 Proposal Date: **February 06, 2025**
 Description of Services: **Provide Utility Designating Services**
 Project Cost: **\$1,500**
 Payment Terms: **Per MSA**

CHARGE INVOICE TO THE ACCOUNT OF:

Client: **Geosyntec Consultants, Inc.**
 Address: **19321 U.S. Highway 19 North, Building C, Suite 200**
Clearwater, FL 33764
 Attention: **Ryan Tuttle, P.G.**
 Phone (Office): **(727) 330-9959** Phone (Cell): **(813) 470-8378**
 Email: **rtuttle@geosyntec.com**

FOR APPROVAL OF CHARGES:

Firm: _____
 Address: _____
 Phone No.: _____ Fax No: _____
 Attention: _____

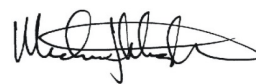
Special Instructions and/or Mutually Agreed Upon Changes to the Proposal:

In witness thereof, the parties hereto have made and executed this Agreement

Client: _____

GeoView Associates, Inc. _____

Signature _____



By: _____

By: Michael J. Wightman, P.G. _____

Title: _____

Title: President _____

Date Signed: _____

Date Signed: February 06, 2025 _____

General Description of Geophysical Methods

Ground Penetrating Radar (GPR)

The GPR survey will be conducted using a Mala or GSSI GPR system. The survey will be conducted with medium to high frequency GPR antennas. The appropriate antenna will be determined in the field by the project manager. GPR will be able to provide both the position and estimated depth of both metallic and non-metallic underground utilities.

The ability of GPR to resolve a particular utility will be controlled by the following factors: 1) Depth of penetration of the GPR signal, 2) Depth of burial and diameter of the underground utility and 3) Electrical contrast between the underground utility and the surrounding soils and 4) The complexity of the utility layout at the site. Due to one or a combination of these factors the GPR may not be able to identify all the utilities at the site. The diameter or composition of utilities cannot be accurately determined using GPR, though can be estimated. Estimates of burial depth are typically accurate to within +/- 20 percent, more accurate depths are possible if invert elevations for some on-site utilities are known.

Conventional Electromagnetic Pipe and Cable Locators

A Radiodetection System is used to locate underground utilities using conventional means. The system consists of a dual-function receiver and transmitter. The receiver can be operated in two modes: active and passive. In the passive mode the receiver detects the presence of underground utilities that are energized by a 60-Hertz or other known frequency. These utilities can either be those actually carrying electrical power or those utilities that are both metallic and sufficiently close to the electrical lines to have an electrical field induced within them.

In the active mode, the transmitter deliberately induces an electrical current into the utility. The frequency of this field can be varied from 512 Hertz to 200 kilohertz. The electrical field is induced using a transmitter which is either directly attached to the utility, placed on or above the utility or attached to an induction coil which is placed around the utility. Depths of underground utilities can be determined when the EM equipment is being used in the active mode. Depths are typically accurate to within 10-15 percent of the total utility depth.



U.S. Environmental

Rentals • Sales • Service
 DEVICE & DATA EXPERTISE
usenvironmental.com (888) 550-8100

U S Environmental Rental Corp
 1202 Tech Blvd
 Tampa, FL 33619
 (813)628-4200

Loc FL1
 Bid# 296216

BID



Rented To:	Delivery Location:
Geosyntec Consultants 900 Broken Sound Parkway,N.W Suite 200 Boca Raton FL 33487	Geosyntec-Clearwater 19321 U. S. Highway 19 North Building C, Suite 200 Clearwater FL 33764 rtuttle@geosyntec.com

Ordered By: Ryan Tuttle Ship Date: 02/06/25 Thu Start Date: 02/10/25 Mon VAL
 PO#: Ship Method: Delivery By 5PM Through: 02/11/25 Tue VAL
 Account #: GEOCON220 Bill To: Project#:

Qty	Item	Description	Day	Week	4W	Discount	Total
1	3510-1402	Ysi Pro Series Handset Serial #: 13H100588 Out Date: 02/10/25	144.00	363.00	1035.00	30%	100.80
1	3550-1273	Geotech Turbidity Meter Serial #: 19062123 Out Date: 02/10/25	37.00	107.00	320.00	30%	25.90
1	3570-1042	Hach Dr-890 Serial #: 04099053016 Out Date: 02/10/25	37.00	107.00	320.00	30%	25.90
1	4000-1174	Geotech Geopump Model Ii Serial #: G6384U Out Date: 02/10/25	37.00	107.00	318.00	30%	25.90
1	5550-1333	Battery 12V 12AH Agm (Small) Serial #: 55501333 Out Date: 02/10/25	11.00	35.00	103.00	30%	7.70
1	5540-	Charger Serial #: 55401141 Out Date: 02/10/25					0.00
1	3010-1016	Heron Dipper-T Serial #: 09588 Out Date: 02/10/25	31.00	71.00	214.00	30%	21.70
500	10008	Tubing Hdpe .170 X 1/4		0.23		-17.25	97.75
50	10151	Tubing Silicone S15 Geotech		2.28		-17.10	96.90
1	40004	Nitrile Pf Gloves Large		9.95			9.95
1	50001	Nitrogen, Ammonia Test Kit		200.00			200.00
1	***	part number 2428700 Delivery Fee		10.00			10.00

----- Payments -----

*** Total Reflects a \$123.45 Discount ***

Rentals	207.90
Sales	404.60
Delivery/Other	10.00
Damage Waiver	16.63
Sales Tax	44.75
Total	683.88
Total Paid	0.00
Est Amount Due	683.88

February 1, 2025

Ryan Tuttle, P.G.

Senior Geologist



Geosyntec Consultants, Inc.
19321 U.S. Highway 19 North, Building C, Suite 200
Clearwater, Florida 33764
D. 727.330.9959 | M. 813.470.8378
rtuttle@Geosyntec.com

Re: Polk County SELF Soil and Groundwater Sampling

Dear M. Tuttle:

In accordance with your request, Action Environmental is pleased to provide you with a cost estimate for the soil borings, groundwater sampling and well installation at Golfview Cutoff Road in Babson Park. We understand the scope of work includes the following:

SCOPE OF SERVICES

- Public utility location three business days before work begins.
- Daily pre-job safety meeting to discuss applicable work hazards.
- Permitting of all monitoring wells through the SWFWMD.
- Clear each borehole by hand to 5 feet using hand augers or posthole diggers
- 10 continuous DPT soil borings to 80 feet or refusal. The borings will be done using macrocore samplers. All soils will be drummed.
- Groundwater sampling in the 10 soil boreholes. Groundwater samples will be taken using DPT and a groundwater sampling points. Samples will be pumped directly through the drilling rods using a

peristaltic pump. Each borehole will have up to 18 intervals or samples per borehole. All development water will be drummed.

- Installation of six monitoring wells using hollow stem augers. Each well will be up to 70 feet deep with 10 feet of .006 slotted 2 inch diameter screen. A 30/45 silica sand pack will be used to 2 feet above the screen, with at least 2 feet of 30/65 sealing sand pack layer, and grouted to 3 inches below land surface. All drill cuttings will be drummed. Wells will be developed using a submersible pump. All development water will be drummed. Wells will be finished with a 2x2 concrete pad 6 inches thick, with a 4 inch aluminum stickup well cover. Each well pad will have four 3 inch diameter steel bollards installed for protection.
- Staging of drums.

ESTIMATED COSTS

Polk County SELF – Soil Borings, Groundwater Sampling and Monitoring Well Installation – Estimated Costs				
Task	Quantity	Units	Rate	Extended
Mob/Demob, Vehicles, and Fuel	1	LS	\$2,750.00	\$2,750.00
Permitting	1	LS	\$150.00	\$150.00
Hotel/Per Diem	16	Nights	\$600.00	\$9,600.00
Drilling Crew	18	Days	\$1,950.00	\$35,100.00
Sampling Materials (Groundwater and Soil Sampling)	1	LS	\$2,700.00	\$2,700.00
Monitoring Well Materials (screen, casing, caps, plug, sand and grout)	6	EA	\$598.00	\$3,588.00
Well Completion Materials (aluminum stickup well cover, concrete, and bollards)	6	EA	\$855.00	\$5,130.00
Drums	35	EA	\$80.00	\$2,800.00
			TOTAL	\$61,818.00
LS= Lump Sum, EA= Each				
Project Estimated at 18 Work Days				

CONDITIONS and EXCLUSIONS

- Project budget as a per day charge, client will be charged for the number of days onsite. Because of the nature of groundwater sampling, this may exceed 18 days depending on the speed of the groundwater sampling. Client will be charged for actual amount of days needed to complete the scope. 18 is an estimate.
- Drums must be staged on asphalt or concrete surface.
- Drums are an estimate. The client will be invoiced for actual amount of total drums used.
- No guarantee that groundwater samples can be obtained using a peristaltic pump at greater depths than 30 to 40 feet. Action is not responsible if samples can't be obtained using a peristaltic pump.
- Boreholes will be abandoned using Portland cement and tremie pipe. Boreholes will not be pressure grouted.
- Drums are just an estimate, the total number of drums used will be invoiced.

- DPT soil sampling has limitations. If the ground is too hard at certain depths, samples will not be able to be obtained from those depths. Sampling is up to 80 feet or refusal.
- Assumes equipment and/or trucks may be able to be left onsite overnight at Action's responsibility.
- Does not include private utility location.

X



Jonathan Abbott
Drilling Division Manager

Jonathan Abbott, Drilling Division Manager



February 5, 2025

Ryan Tuttle, P.G. (FL)

Project Geologist
19321 U.S. Highway 19 North
Building C, Suite 200
Clearwater, FL 33764
Phone: 727-330-9959
Mobile: 813-470-8378
www.Geosyntec.com

Re: Test Pits
Golfview Cutoff Rd., Babson Park, FL

Dear Mr. Tuttle,

In accordance with your request, Action Environmental is pleased to provide the following proposal for test pits located in Babson Park, FL.

SCOPE OF SERVICES

- Call for 811 public utilities locate.
- Provide barricades/cones/orange fencing to secure open excavation/holes that area left overnight.
- Provide operator and mid-size excavator (120 Class or Equiv.) to excavate test pits.
- Provide OSHA walkway to span open bore hole after completion to allow for personnel to obtain measurements and down-hole observations.
- Backfill all excavations

FEE SCHEDULE					
Item#	Item Description	Qty	Unit	Unit Rate	Cost
1	Mobe/Demobe (Equipment & Personnel- Action's), Project Management, Admin, Vehicles, PPE, Fuel, Barricades	1	ls	\$ 1,100.00	\$ 1,100.00
2	Labor	2	manday	\$ 950.00	\$ 3,800.00
3	Equipment (Mid-Trackhoe) - Includes Fuel	2	day	\$ 1,300.00	\$ 2,600.00
4					
5					
TOTAL					\$ 7,500

CONDITIONS/ASSUMPTIONS

- Pricing based on one mobilization.
- Excludes GPR survey.
- Excludes site restoration.
- Excludes perdiem/hotel – Labor rates are based on driving each day as necessary.

Respectfully Submitted,
Action Environmental

Josh Pryor, EI
Construction Division Manager

ACCEPTANCE: Proposal No.

Authorization

To execute this proposal, please sign and complete the authorization information below along with applicable payment instructions, and return one copy of the authorized proposal to our office.

_____		_____	
Authorized By (please print)		Signature	
_____		_____	
Title		Firm	

Address			

_____	_____	_____	_____
City	State	Zip Code	Telephone

Date	Purchase Order No. / Project Tracking No. (If applicable)		

Payment Instructions

If invoice payment is made by a party other than the authorizing party above, please provide the following information for whom the invoices are to be billed:

_____		_____	
Firm		Attention	
_____		_____	
Address		Title	

_____	_____	_____	_____
City	State	Zip Code	Telephone

Authorizing Party's Relationship to Invoice Payment Party			

ER ERWIN REMEDICATION

408 Ditmar Street
Pensacola, FL 32503

To: Mr. Ryan Tuttle
Geosyntec Consultants
19321 Us Highway 19 North
Building C, Suite 200
Clearwater, FL 33764

February 6, 2025

Re: Non-Hazardous Drum Disposal to North Central Landfill

Mr. Tuttle:

The price for transportation of thirty-five (35) 55-gallon drums of non-hazardous soil from your site to North Central Landfill in Auburndale, FL is listed below:

Description	Rate	Unit	Qty	Subtotal
Transportation - Non-Haz Soil (55-Gallon Drum)	\$ 100.00	Per Drum	35	\$ 3,500.00
			Total	\$ 3,500.00

If applicable, the cost for tipping/disposal will be at cost as per North Central Landfill upon arrival.

The prices listed are all inclusive without any additional fees or charges (fuel surcharge, low volume stop fee, etc.) unless stated above and are valid for all regions in the State of Florida except for the Florida Keys. Pricing for sites located in the Florida Keys will be bid on a case-by-case basis dependent.

This quote is valid for 120 days.

Respectfully,



Robert Donado
Erwin Remediation, Inc.
Phone: 850-466-2358
Email: robert@erwinremediation.com

Eurofins Orlando
481 Newburyport Avenue
Altamonte Springs, FL 32701

Prepared for:
Ryan Tuttle
Geosyntec Consultants Inc
12802 Tampa Oaks Blvd.
Suite 151
Tampa, FL 33637
RTuttle@Geosyntec.com | Tel: (727) 330-9959

Prepared by: Hornsby, Jess
Date: 2/7/2025 Expiration Date: 5/1/2025

Project: Polk County Southeast Landfill

Quote Number: 66020442 - 5

MWs

TAT: 5_Days (Business Days)

(to be analyzed by Eurofins Tampa)

Matrix	Method	Test Description	Quantity	Unit Price	Surcharge	Extended Price
Water	SM 2540C	Total Dissolved Solids	6	\$ 15.00		\$ 90.00
Water	300.0	Chloride	6	\$ 18.00		\$ 108.00
Water	350.1	Ammonia as N	6	\$ 25.00		\$ 150.00
Water	353.2	Nitrate+Nitrite	6	\$ 0.00		\$ 0.00
Water	353.2	Nitrite	6	\$ 0.00		\$ 0.00
Water	353.2	Nitrate as N	6	\$ 18.00		\$ 108.00
Water	SM 4500 CN E	Total Cyanide	6	\$ 25.00		\$ 150.00
Water	SM 4500 S2 F	Sulfide	6	\$ 25.00		\$ 150.00
Water	6010D	Iron, Sodium	6	\$ 12.00		\$ 72.00
Water	6020B	Appendix II Metals + Sn	6	\$ 54.00		\$ 324.00
Water	7470A	Mercury	6	\$ 25.00		\$ 150.00
Water	8011	EDB, DBCP, 123-TCP	6	\$ 45.00		\$ 270.00
Water	8081B	App II Pesticides	6	\$ 95.00		\$ 570.00
Water	8082A	PCBs	6	\$ 55.00		\$ 330.00
Water	8321B	Appendix II Herbicides	6	\$ 130.00		\$ 780.00
Water	8260D	App II Volatiles	6	\$ 60.00		\$ 360.00
Water	8270E	App II Semivolatiles	6	\$ 125.00		\$ 750.00
Water	8270E SIM	Polycyclic Aromatic Hydrocarbons	6	\$ 90.00		\$ 540.00
Water	Field Sampling	Field Parameters	6	\$ 0.00		\$ 0.00
Total MWs						\$ 4,902.00

Rush Benzene samples

TAT: 1_Day_RUSH (Business Days)

(to be analyzed by Eurofins Tampa)

Matrix	Method	Test Description	Quantity	Unit Price	Surcharge	Extended Price
Water	8260D	Benzene	180	\$ 48.00	\$72.00	\$ 21,600.00
Total Rush Benzene samples						\$ 21,600.00

Waste characterization

TAT: 5_Days (Business Days)

(to be analyzed by Eurofins Tampa)

Matrix	Method	Test Description	Quantity	Unit Price	Surcharge	Extended Price
Solid	6010D	TCLP RCRA ICP Metals	1	\$ 45.00		\$ 45.00
Solid	1311	non-ZHE Extraction	1	\$ 40.00		\$ 40.00
Solid	7470A	TCLP Mercury	1	\$ 25.00		\$ 25.00
Solid	8260D	TCLP Volatiles	1	\$ 60.00		\$ 60.00
Solid	1311	ZHE Extraction	1	\$ 40.00		\$ 40.00
Total Waste characterization						\$ 210.00

Eurofins Orlando
 481 Newburyport Avenue
 Altamonte Springs, FL 32701

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 Geosyntec Consultants Inc
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 Suite 151
 Tampa, FL 33637
 RTuttle@Geosyntec.com | Tel: (727) 330-9959

Prepared by: Hornsby, Jess
 Date: 2/7/2025 Expiration Date: 5/1/2025

Project: Polk County Southeast Landfill

Quote Number: 66020442 - 5

Quote Other Charges

Description	Quantity	Unit Price	Extended Price
Safe and Environmentally Responsible Waste Management (per sample)	186	\$ 6.00	\$ 1,116.00
Total Other Charge			\$1,116.00

Total Other Charges	\$ 1,116.00
Total Analysis Charges	\$ 26,712.00
Grand Total for Quote 66020442	\$ 27,828.00

***Quoted charges do not include sales tax. Applicable sales tax will be added to invoices where required by law.*

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Project: Polk County Southeast Landfill

Quote Number: 66020442 - 5

PROJECT DETAILS

Eurofins Southeast Ts&Cs

Eurofins Environment Testing Southeast Business T&C

Confidentiality -

This quote has been prepared by Eurofins Environment Testing Southeast (EETSC), solely for the use of the customer to whom it is addressed in evaluating Eurofins Environment Testing Southeast's qualifications and capabilities in connection with a particular project. The user of this document agrees by its acceptance to return it to Eurofins Environment Testing Southeast upon request and not to reproduce, copy, lend, or otherwise disclose its contents, directly or indirectly, and not to use it for any purpose other than that for which it was specifically provided. The user also agrees that where consultants or other outside parties are involved in the evaluation process, access to this document shall not be given to said parties unless those parties also specifically agree to these conditions. In the absence of signed acceptance, the submittal of samples will indicate acceptance of this quotation.

Terms and Conditions -

This quotation is based solely upon Eurofins Environment Testing Southeast's standard product (routine QA/QC, detection limits, deliverables, and standard turnaround times) and noted exceptions herein. The discounts incorporated into the pricing are based upon the sample quantity, test method, and schedule quoted. Any deviations may impact pricing and/or the acceptance of work. Final acceptance of this work is contingent upon a mutually agreed Sample Delivery Schedule. All sales are subject to Eurofins Environment Testing Southeast's Terms and Conditions **unless alternative terms have been agreed to in writing**. Submittal of samples will indicate acceptance of this quotation.

Relinquishment of samples constitutes a valid purchase order from the client company to Eurofins Environment Testing Southeast, its affiliates, and subcontractors. It assigns standard terms and conditions of service. Eurofins Environment Testing Southeast standard payment terms are net 30 days upon credit approval if not approved payment upfront will be required. Eurofins Environment Testing Southeast will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Environment Testing Southeast.

Quote Expiration -

Pricing listed in the proposal will expire **90 days** from the quote date unless the project is awarded/confirmed within that time period. Unless otherwise set forth in this quotation, Eurofins Environment Testing Southeast reserves the right to re-evaluate pricing for extended-length projects on an annual basis.

SERWM -

A fee, notated as Safe and Environmentally Responsible Waste Management (SERWM), will be applied to all invoices for each sample processed by the laboratory.

PROJECT SETUP

Field Sampling Products -

Eurofins Environment Testing Southeast can provide field sampling products upon request and these products are billable to the client at the time of shipment.

Field sampling products may include, but are not limited to:

- VOA sampling devices, preservation kits, ISM supplies, tubing, and filters
- Industrial Hygiene media, surface sampling wipes, source sampling traps

The cost of the soil sampling devices is not included in the quoted rates for volatile analysis.

Core Samplers

- 5-gram Core N' One and EnCore samplers are available at \$15 each (three required per sample).
- Disposable Core N' One T-Handles are available at \$15 each.
- Eurofins Environment Testing Southeast does not supply EnCore T-Handles.

Eurofins Orlando
481 Newburyport Avenue
Altamonte Springs, FL 32701

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Ryan Tuttle
Geosyntec Consultants Inc
12802 Tampa Oaks Blvd.
Suite 151
Tampa, FL 33637
RTuttle@Geosyntec.com | Tel: (727) 330-9959

Prepared by: Hornsby, Jess
Date: 2/7/2025 Expiration Date: 5/1/2025

Project: Polk County Southeast Landfill

Quote Number: 66020442 - 5

Field Preservation

- TerraCore Kits (varied) - quoted based on client required configurations
- Disposable Lock N' Load Handles are available at \$12 each.

If any sampling supplies for soil VOCs are requested, they will be included in the quote under Other Charges.

Coolers and Sampling Supplies -

• Sampling Supplies: Eurofins Environment Testing Southeast will provide sample containers and coolers to support the sampling of water and soil samples. Extra bottles may be provided (up to 10%) in case of breakage. Eurofins Environment Testing Southeast expects that samples and supplies will be returned to the lab, including empty coolers and a reasonable percentage of the projected sample load - 70% or higher of the expected/quoted sample number. Coolers not received back by the projected deadline or as agreed with the PM may be charged at \$30 per cooler. Similarly, if the sample containers received as samples are less than 90% of the containers provided, the sample containers not received as samples will be charged at a flat rate of \$1 per container.

• Sample Container Shipping: The containers and preservatives required by the project shall be delivered via ground transportation. A minimum of **5 business days** advance notice is required to achieve shipment by ground transportation. Supply shipments requiring priority delivery due to insufficient lead time for ground transportation shall be charged to the client at Eurofins Environment Testing Southeast's cost. Alternatively, Eurofins Environment Testing Southeast can ship the supplies via the carrier of choice by the client using the client's shipping account.

Eurofins Environment Testing Southeast does not supply wet ice or blue ice for shipments. If shipping containers are not returned within 60 days, a charge for the containers will be billed at the current market rate. Please contact your PM for the current charges.

Courier Services and Sample Pick-Up -

Courier Services are offered by some Eurofins Environment Testing Southeast facilities. Where offered, the cost of the services will vary based on the distance traveled, the scope of the project being supported, and whether sufficient notice (typically 48 hours) is provided to facilitate efficient scheduling. If no details are described in this quotation and you are interested in learning more about courier options, please contact your Client Relations Manager or Project Manager to inquire about availability and cost.

Minimum Log-In Charges -

Eurofins Environment Testing Southeast's minimum charge is **\$150** for a group of samples received together for analysis. Our minimum invoice value is \$150.

These terms will be enforced unless previously negotiated in a contract.

QC Limit Disclaimer -

The laboratory's reporting limits, detection limits, and control limits are subject to change as these values are updated periodically to reflect analytical sensitivity and capability.

Turnaround Time -

• Quoted Turnaround Time - Data will be delivered at the proposed turnaround time in Business Days from Sample Receipt unless otherwise agreed upon. TAT begins the day the laboratory performing analyses receives the samples (day of lab receipt = day zero).

Samples received after 4:00 PM will be considered received the next business day.

• Expedited Turnaround Time: Expedited turnaround times may be available and must be pre-approved by the laboratory. Expedited turnaround delivery is contingent upon meeting the agreed-upon delivery date/time and number of samples. Samples received after 4:00 PM will be considered received the next business day. Results will be provided via e-mail or TotalAccess by close of business in the lab's time zone unless another time has been agreed to in advance.

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Altamonte Springs, FL 32701

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RTuttle@Geosyntec.com | Tel: (727) 330-9959

Prepared by: Hornsby, Jess
Date: 2/7/2025 Expiration Date: 5/1/2025

Project: Polk County Southeast Landfill

Quote Number: 66020442 - 5

Expedited turnaround time surcharges for standard analyses are:

- 4 Business Days TAT = 25%
- 3 Business Days TAT = 50%
- 2 Business Days TAT = 75%
- 1 Business Day TAT = 100%
- Same Day TAT = 200%

Different surcharges may apply for specialty analyses. These will be provided in your quotation. Weekend TAT can be arranged on a project-specific basis at an additional cost. Please contact your PM to inquire about availability and cost.

PROJECT DELIVERABLES

Eurofins Environment Testing Southeast will provide two analytical report formats, a final report in PDF format and a standard Eurofins Environment Testing Southeast EDD. Both electronic report formats will be delivered via email or web portal. If additional formats or retroactive deliverables are requested, costs of report generation will be billable.

Charges will be based on labor and materials, cost of report generation, and data retrieval. Please contact your PM to inquire about availability and the price of additional deliverables.

- **Report Format:** Unless a level III or IV deliverable is specifically listed on the pricing page, this quotation includes delivery of a Level I or II report. Level III or IV reports are available at an additional charge.
- **Electronic Data Deliverable Format:** Eurofins Environment Testing Southeast has many EDD formats available to our clients including the most widely used commercial formats. Eurofins Environment Testing Southeast offers data using a standard EDD. Other EDD formats are available for a minimal cost of \$25 per format (if not included as part of the report options listed in the quotation). The development of EDD formats that are not already available, including modification to existing formats to fit client-specific needs, can be provided for a fee starting at \$100. Additional fees will be estimated by the lab and approved by the client. Additional programming fees are billed at \$75/hour.

PROJECT SPECIFICATIONS

Cancellation Fee -

A fee will be charged for the cancellation of samples/analyses after a project is received in the laboratory. The fee will be based on the status of analysis at the time of cancellation in accordance with the following categories:

- Received - 35%
- Prepped - 50%
- Analyzed - 95%

Changes in Scope and Work Revisions -

Project requirements must be agreed upon prior to sample receipt. Samples will be logged according to the chain of custody received with the samples. Changes after initiation of the project will be subject to additional charges, including labor time required to reset project, communicate changes to laboratory staff, and rework data. Turnaround time will be reset, or rush surcharges will be assessed where applicable. Analyses added with less than 1/2 of the analytical hold time remaining will incur rush turnaround charges. Your project manager will evaluate project-specific charges at the time a change order is received.

Held Samples -

- **Held samples not analyzed:** Samples submitted on hold will be billed at \$20 per sample, plus any applicable TerraCore/Encore/Specialty kit fees, which will be billed separately, including but not limited to canisters, flow regulators, low-level analysis, etc. If samples are later analyzed, the handling fee will be waived and only the analysis price will be charged. Samples taken off hold with less than 1/2 of the analytical hold time remaining may incur rush turnaround charges. Samples will be disposed of 30 days after the report for analyzed samples in the same job is issued unless alternate archival arrangements are made in advance.
- **Extracted/Prepped and Held samples:** Samples submitted for prep and hold will be billed at 60% of the analysis fee for each prepped sample (minimum \$30/sample). Samples taken off hold with less than 1/2 of the analytical hold time remaining may incur rush

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Altamonte Springs, FL 32701

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turnaround charges. Samples will be disposed of 30 days after the report for analyzed samples in the same job is issued unless alternate archival arrangements are made in advance.

- **Extended archival of samples:** Extended archival of samples (including held samples) may be available for a fee starting at \$2 per container per month (minimum \$10/sample). This fee will be billed in advance on a quarterly basis for every quarter after the standard sample retention time of 30 days after the report is issued. Fees for larger volumes, non-standard matrices, or cold storage will be negotiated on a case-by-case basis. Please contact your PM to inquire about availability and pricing for samples that are sent to the lab and archived.

These terms will be enforced unless previously negotiated in a contract.

Matrix Spike/Spike Duplication (MS/MSD) Samples -

When MS/MSDs are not specifically requested, Eurofins Environment Testing Southeast will strive to perform the required QC using whatever sample is available but will not report the QC results unless the client requests it. The reporting of client-requested MS/MSD results will be charged at applicable unit rates. If MS/MSDs are specifically required or requested, the client must provide additional sample volume.

Multiple Dilutions Analyzed -

Eurofins Environment Testing Southeast strives to analyze samples without dilution or with the minimum dilution required. Samples are diluted to bring the primary analyte within the calibration range of the instrument, to compensate for matrix co-extractives, or to prevent instrument contamination. Eurofins Environment Testing Southeast will report the analytical run containing the highest concentration component/analyte in the sample within the calibrated (quantifiable) range of the method. Analytical screening runs are not reported. If project-specific data quality objectives require additional runs, analyses will be billable unless otherwise noted in this quote. Please contact your PM to inquire about the availability of this service for your project.

Sample Disposal -

Eurofins Environment Testing Southeast will dispose of non-hazardous samples, sample extracts, and digestates 30 days after the final report is issued. Charges for disposal of non-routine or uniquely hazardous samples will be billed to the client. Alternatively, samples can be returned to the client for disposal. Cost of return shipping will be billable to the client.

Special Sample Handling Fees -

Unit prices assume that samples are a single-phase matrix and that analyses can be performed in accordance with the laboratory's standard analytical procedures. If additional handling is required, additional fees may apply. Examples of special handling include (but are not limited to):

- Matrices requiring additional dilutions or special clean up steps
- Multiphasic samples requiring separate preparations and/or analyses
- Particle size reduction or special sub-sampling procedures
- Extra disposal costs for unique waste streams
- Foreign Soil Fees

Trip Blanks -

Eurofins Environment Testing Southeast typically provides trip blanks with our sample kits containing volatile analysis. When samples are received at the laboratory with trip blanks, the lab will analyze, report, and charge the unit rate for the analysis. Please add this sample to your chain of custody. If you do not want the trip blank analyzed, please note this on the COC.

ADDITIONAL BUSINESS TERMS AND CONDITIONS

Environmental Management Fee

If this fee is included in the Other Charges section of the pricing page, a fee equal to the listed percentage of the total invoice amount will be applied to all work done under this quotation. The Fee will appear as a separate line item on each invoice. In the absence of any other firm pricing agreements, your sending work to us under this quotation will signify your acceptance of responsibility for payment of the Fee.

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Field Parameters -

pH, Temperature, and Dissolved Oxygen analyses, along with Residual Chlorine screening, are properly performed and treated in the field at the time of sample collection. Laboratory analysis may result in a holding time exceedance qualifier.

Network or Subcontract Labs -

- **Networking:** Eurofins Environment Testing Southeast reserves the right to perform the services at any laboratory in the Eurofins Environment Testing Southeast network unless the Client has required a particular location for the work.
- **Subcontracting:** Eurofins Environment Testing Southeast reserves the right to subcontract services ordered by the Client to another laboratory or laboratories, if, in Eurofins Environment Testing Southeast's sole judgment, it is reasonably necessary, appropriate, or advisable to do so. Eurofins Environment Testing Southeast will make every effort to notify the client prior to delivering samples to an out-of-network laboratory. Eurofins Environment Testing Southeast will in no way be liable for any subcontracted services (outside the Eurofins Environment Testing Southeast network) except for work performed at laboratories that have been audited and approved by Eurofins Environment Testing Southeast.

Price Surcharge Due to Sample Volume -

Unless dictated by contract, this quotation is based on the scope of work defined in the quote request.

Professional and Administrative Services -

A variety of professional and administrative services are available. Prices for services not specifically detailed in this quotation will be billed in accordance with Eurofins Environment Testing Southeast's Professional Rate Schedule.

Taxes -

Where reports are issued in or delivered to a state which assesses sales tax on Eurofins Environment Testing Southeast's services, applicable sales taxes will be added to the invoice as required by law, unless an appropriate sales tax exemption form is on file with Eurofins Environment Testing Southeast.

rev. 1/3/2022

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Analytical Sample Information

Analysis Method	Matrix	Preservative	Client Sub List Desc Container	Volume Required	Holding Time
Mercury (CVAA) 7470A	Solid	None	TCLP Mercury Soil jar 8oz - clear glass	100 g	28 Days
Metals (ICP) 6010D	Solid	None	TCLP RCRA ICP Metals Soil jar 8oz - clear glass	100 g	180 Days
Volatile Organic Compounds by GC/MS 8260D	Solid	None	TCLP Volatiles Soil jar 4oz - clear glass	25 g	14 Days
Anions, Ion Chromatography 300_ORGFM_28D	Water	None	Chloride Plastic 125mL - unpreserved	25 mL	28 Days
Cyanide, Total 4500_CN_E	Water	Sodium Hydroxide	Total Cyanide Plastic 250ml - with Sodium Hydroxide	250 mL	14 Days
EDB, DBCP, and 1,2,3-TCP (GC) 8011	Water	Hydrochloric Acid	EDB, DBCP, 123-TCP Voa Vial 40ml - Hydrochloric Acid	120 mL	14 Days
Field Sampling FieldSampling	Water	None	Field Parameters No Container	1 No Unit	
Herbicides (LC/MS) 8321B_Herb	Water	None	Appendix II Herbicides Voa Vial 40ml Amber - unpreserved	40 mL	7 Days
Mercury (CVAA) 7470A	Water	Nitric Acid	Mercury Plastic 250 mL - Wide - Nitric Acid	50 mL	28 Days
Metals (ICP) 6010D	Water	Nitric Acid	Iron, Sodium Plastic 250 mL - Wide - Nitric Acid	50 mL	180 Days
Metals (ICP/MS) 6020B	Water	Nitric Acid	Appendix II Metals + Sn Plastic 250 mL - Wide - Nitric Acid	50 mL	180 Days
Nitrogen, Ammonia 350.1	Water	Sulfuric Acid	Ammonia as N Plastic 250ml - with Sulfuric Acid	50 mL	28 Days
Nitrogen, Nitrate-Nitrite Nitrate_Calc	Water	None	Nitrate as N No Container	1 No Unit	28 Days
Nitrogen, Nitrate-Nitrite 353.2	Water	Sulfuric Acid	Nitrate+Nitrite Plastic 250ml - with Sulfuric Acid	50 mL	28 Days
Nitrogen, Nitrite 353.2_Nitrite	Water	None	Nitrite Plastic 125mL - unpreserved	25 mL	48 Hours
Organochlorine Pesticides (GC)			App II Pesticides		

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8081B	Water	None	Voa Vial 60mL - unpreserved	120 mL	7 Days
Polychlorinated Biphenyls (PCBs) by Gas Chromatography			PCBs		
8082A	Water	None	Amber Glass 60 mL - unpreserved	120 mL	1 Year
Semivolatile Organic Compounds (GC/MS SIM)			Polycyclic Aromatic Hydrocarbons		
8270E_SIM	Water	None	Voa Vial 60ml Amber - unpreserved	120 mL	7 Days
Semivolatile Organic Compounds (GC/MS)			App II Semivolatiles		
8270E	Water	None	Amber Glass 250ml - unpreserved	500 mL	7 Days
Solids, Total Dissolved (TDS)			Total Dissolved Solids		
2540C_Calcd	Water	None	Plastic 250ml - unpreserved	250 mL	7 Days
Sulfide, Total			Sulfide		
SM4500_S2_F	Water	Zinc Acetate and Sodium Hydroxide	Plastic 250ml - with Zinc Acetate & NaOH	500 mL	7 Days
Volatile Organic Compounds by GC/MS			App II Volatiles		
8260D	Water	Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acid	120 mL	14 Days
Volatile Organic Compounds by GC/MS			Benzene		
8260D	Water	Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acid	120 mL	14 Days

Hold Times listed above represent the minimum allotted time between sampling and lab extraction, prep or analysis.

Multiple analyses may be consolidated into fewer containers. Please contact your Project Manager for clarification when requesting sample containers.

Except for some special tests, all samples should be kept cold at 6 degrees C.

In-Situ, Inc.
 221 E. Lincoln Ave
 Fort Collins, Colorado 80524

Telephone: 970 498 1500
 Telephone: 1-800-446-7488
 Facsimile: 970 498 1598



GSA No: GS-24F-0045M

Tax ID: 83-0245889

Rental Quote

Account No. C006454

GEOSYNTEC CONSULTANTS
 12802 TAMPA OAKS BLVD
 SUITE 151
 TAMPA
 FL - United States
 33637

Quote Date 2/3/25
Delivery Date 2/21/25
Rental Start 2/24/25
Rental End 3/5/25

Estimate No. 21610
Customer Ref. TBD
Ordered By Ryan Tuttle
Salesperson Jason Evans

Payment Terms

Item Number	Description	Quantity	Rate	Rental Period (Days)	Line Total
R0089120	Level TROLL 700, 15 psig	2	\$45.00	8	\$720.00
R0052000P25	Rugged Poly Cable, 25 ft	2	\$26.25	8	\$420.00
R0051810	Large Desiccant	2	\$4.50	8	\$72.00
R0052500	USB TROLL Com, Cable	2	\$0.00	8	\$0.00
R0031240	Wireless TROLL Com (Twist Lock)	2	\$4.50	8	\$72.00
Transport Charges					
FedEx Ground		1.00			0.00
Proposed Collection Charge FedEx Ground		1.00			0.00

Further information regarding Warranty or Terms and Conditions are available at <http://in-situ.com/terms-conditions/>
 All quoted product & service prices are in U.S. Dollars.
 Billing will begin on the Rental Start Date on the Rental Quote.
 Monthly bills will continue until proof of shipment has been received by In-Situ, Inc.
 By acceptance of this rental quote, you are agreeing to the billing period presented.
 If billing needs to be split by project or PO, separate rental orders are required.

Delivery Address

GEOSYNTEC CONSULTANTS
 12802 TAMPA OAKS BLVD
 SUITE 151
 TAMPA
 FL - United States
 33637

SubTotal \$1,284.00

Total \$1,284.00

ACCOUNTS PAYABLE
 813-558-0990



SurvTech Solutions, Inc.

10220 U.S. Highway 92 East
Tampa, Florida 33610
Web: www.survtechsolutions.com

Phone: 813-621-4929

Fax: 813-621-7194

Email: Sales@survtechsolutions.com

Tuesday, February 4, 2025

Ryan Tuttle
GeoSyntec Consultants
50 South Belcher Road, Suite 116,
Clearwater, FL 33765

RE: Proposal for Services for Polk County Southeast Landfill located at Golfview Cutoff Rd, Babson Park, FL, 33827; Folio No.: N/A; Estimate No.: 250235; Project No.: N/A

Dear Ryan;

SurvTech Solutions, Inc. is pleased to submit the following information for your consideration in selecting a firm to perform the necessary services, as noted above. We feel that you will find SurvTech Solutions, Inc. is well qualified to accomplish all services set forth in the request for proposal. Our outstanding staff of professional, technical, and support personnel has extensive and varied qualifications.

The lump-sum cost for the project will be **\$16,460.00**, with an estimated time frame of 28 days from notice to proceed. Please see attached scope of work for a detailed breakdown of costs and services. If a quicker schedule is needed, please contact us, and we will try to accommodate your schedule.

If this proposal is acceptable, please sign the attached contract and send it to SurvTech Solutions via fax, email, or U.S. Mail. SurvTech cannot start said project without having a signed contract in place. If your firm wishes to use its own in-house contract or purchase order, then please forward them to SurvTech for review and signatures. SurvTech Solutions, Inc. appreciates this opportunity to submit this proposal for services. We look forward to serving GeoSyntec Consultants on this project.

Respectfully submitted,
SurvTech Solutions, Inc.
Florida Licensed Business No. 7340

Matthew S. Brooks PSM, LS, PLS
V.P. of Contracts Management



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PROPOSAL 250235	
Topographic and Tree Survey, Monitoring Wells Survey See Scope of Services Below	\$16,460.00
TOTAL	\$16,460.00

Scope of Services

Standards of Practice:

1. All Surveying and Mapping will be performed per "The Florida Standards of Practice for Surveying and Mapping" and signed and sealed by a Florida Licensed Surveyor and Mapper.

Geodesy & Datums

1. Survey project data will be on the following coordinate system(s) and datum(s):

Horizontal datum (x, y; easting, northing)

- SPC NAD1983, Florida West zone state plane coordinates

Vertical datum (z; elevation)

- NAVD 1988 benchmark (North American Vertical Datum of 1988)

2. Units for the project shall be:

- U.S. Survey Feet

Topographic Survey (Survey approximating the contour of the land)

1. The followings items shall be shown accurately on the survey:
 - a. Surveyor will accurately locate the relief of the subject property, including all ditches, swales, berms, ridges, and other break lines.
 - b. All buildings and structures, including finish floor elevations of all structures.
 - c. Curbing, sidewalks, drives, pavement, adjacent streets and/or highways, utility poles, overhead lines, fences, transformers, cleanouts, valves, and meters.
 - d. All existing visible utility and drainage features, including rim and invert elevations, pipe sizes, and types of all above and below grade structures.
 - e. Horizontal location of underground utilities that have been marked out by Florida One Call. Surveyor will also depict on the survey all evidence of underground utilities, such as mark outs, visible evidence, easements, county as-builts, and previous construction drawings. SurvTech will not be responsible for excavating underground utilities, foundations, or footers. **If subsurface utility designation services are required, please contract with SurvTech separately to provide this service.**



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2. **SurvTech will take enough shots to accurately create a digital terrain model (DTM).** SurvTech will take elevation shots on a 50 foot grid along with locating all break lines. Elevations on hard surfaces, such as asphalt, concrete, or brick will be depicted to the nearest 0.01 feet. Elevations on natural surfaces will be depicted to the nearest 0.10 feet.
3. SurvTech will establish a minimum of two (2) benchmarks on site.
4. This proposal does NOT include hydrographic surveying of any onsite water bodies, including but not limited to any retention ponds, natural ponds, lakes, streams, creeks, rivers, or other natural or artificial water ways.

Tree Survey

1. **SurvTech will locate and identify the species of all trees 4-inches and above.** SurvTech only makes general species identification, such as pine, oak, palm, or maple. If exact species identification is needed, please hire an arborist to work in conjunction with SurvTech. Trees will not be located within wetland areas.
2. The survey shall be tied to the coordinate system which underlies the legal description of the property.
3. **SurvTech requests that for any trees that are to be saved during the construction process, and that are CRITICAL to the design of the site we be notified so that we can return to the site and locate the trees a second time. By critical we mean trees that might interfere with buildings, entrances, curbing, or other major improvements.**

Survey Deliverables

1. The following deliverables are included in this proposal:
 - Survey drawing at a standard scale on a standard 24" x 36" size title block, unless specifically requested otherwise by client.
 - Final drawings shall be submitted as full-size copies, certified, and sealed, dated, and signed by a Florida Professional Surveyor and Mapper.
 - Final survey shall be made available to client in electronic format, AutoCAD (.dwg format), and Adobe PDF format. File will be sent by email unless the client specifically requests a CD of the drawing file.
2. The following deliverables are also included in this proposal:
 - a. Digital Terrain Model (DTM) in .XML file format.
 - b. Contours shall be depicted at 0.5' Intervals

Establish Elevations and State Plane Coordinates on Monitoring Wells

1. SurvTech will recover known horizontal and vertical control stations from governmental agencies, such as:
 - a. National Geodetic Survey (NGS).
 - b. Department of Transportation (DOT).
 - c. County Agency.



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- d. City Agency.
 - e. Water Management Districts.
 - f. Department of Environmental Protection (FDEP).
2. Horizontally locate 6 monitoring wells to an accuracy of +/- 0.1 feet, utilizing RTK (real-time kinematic) GPS and/or conventional surveying instruments.
 3. Elevate 6 monitoring wells to an accuracy of +/- 0.01 feet, utilizing closed-loop differential leveling.

Monitoring Wells Deliverables

1. The following deliverables are included in this proposal:
 - A spreadsheet will be delivered to client in electronic format and as hard copies accompanying a signed and sealed surveyors report. File will be sent by email unless the client specifically requests a CD of the electronic file. SurvTech is NOT preparing a map of the site. The deliverables shall be a Microsoft Excel spreadsheet (.xlsx) format and surveyors report in Adobe (.pdf) format. Hard copies shall be sent only upon request.

Additional Non-Typical Items, Exceptions, and Conditions

1. Please reference attached aerial imagery for approximate project location and site limits.
2. Hydrographic survey data is NOT included in this proposal. Survey limits around water bodies will stop at the water's edge. Surveyor will collect the surface water elevation on the date of survey.
3. Surveying of any on site clean outs and or residential utility service lines within the project limits are NOT included in this proposal.



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Site Figures:



Red Polygon = Approximate Topographic and Tree Survey Limits
Yellow Pins = Approximate Monitoring Well Locations



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Exhibit "A" SurvTech Solutions, Inc. Short Form Agreement General Terms of Agreement for Consulting (Surveying and Mapping) Services

1. Client hereby agrees to retain SurvTech Solutions, Inc. to perform professional land surveying services as described herein. This Agreement applies only to the specific project identified herein.
2. General Responsibility: SurvTech Solutions, Inc. agrees that we shall act as an independent contractor and shall perform the services provided for in this Agreement in accordance with the generally accepted standard of care of SurvTech Solutions, Inc.'s profession.
3. SurvTech Solutions, Inc. agrees to perform the services set forth in attached "Proposal of Services" ("services").
4. Payment: Client shall be invoiced upon completion of the project. . Client agrees to pay invoice(s) within thirty (30) days of its receipt. Client further agrees to pay interest on all amounts invoiced and not paid or objected to for valid cause in writing within said thirty (30) day period at the rate of eighteen (18) percent per annum (or the maximum interest rate permitted under applicable law), until paid. Client agrees to pay SurvTech Solutions, Inc.'s cost of collection of all amounts due and unpaid after ninety (90) days, including court costs and reasonable attorney's fees. SurvTech Solutions, Inc. shall not be bound by any provision or agreement requiring or providing for arbitration of disputes or controversies arising out of this agreement, any provision wherein SurvTech Solutions, Inc. waives any rights to a mechanics' lien, or any provision conditioning SurvTech Solutions, Inc.'s right to receive payment for its work upon payment to Client by any third party. These General Conditions are notice where required, that SurvTech Solutions, Inc. shall file a lien whenever necessary to collect past due amounts. Failure to make payment within 30 days of invoice shall constitute a release of SurvTech Solutions, Inc. from any and all claims which Client may have whether in tort, contract or otherwise and whether known or unknown at the time.
5. Insurance: For any services provided under this Agreement, SurvTech Solutions, Inc. shall procure and maintain in effect insurance coverage in amounts not less than set forth below.
 - a. Workers' Compensation and Employers' Liability: Comply with the laws of the State of Florida.
 - b. General Liability: Comprehensive Liability Insurance for personal and bodily injury, including death and property damage in the amount of **\$1,000,000** combined single limit each occurrence and **\$2,000,000** in aggregate.
 - c. Professional Liability Insurance: SurvTech Solutions, Inc. shall provide Professional Liability Insurance in the amount of **\$5,000,000**.
 - d. Umbrella Liability Insurance: SurvTech Solutions, Inc. shall provide additional Liability Insurance in the amount of **\$10,000,000** for Auto Liability and General Liability.
 - e. Certificates: SurvTech Solutions, Inc. shall provide certificates of insurance upon request evidencing coverage required above. Each certificate shall provide that coverage afforded shall not be canceled nor ordered reduced by the SurvTech Solutions, Inc. except with at least thirty (30) days prior written notice to the Client. Should this occur, SurvTech Solutions, Inc. shall procure and furnish for Client prior to such effective date new certificates conforming to the above coverage requirement. SurvTech Solutions, Inc. shall not have the right to receive any payment under the Agreement until such certificates are received by Client.
6. Indemnification and Hold Harmless: Client agrees to defend, indemnify and save harmless SurvTech Solutions, Inc. from all claims, including negligence claims, suits, losses, personal injuries, death and property liability resulting from client's performance of the proposed work, whether such claims or



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damages are caused in whole or in part by client, and agrees to reimburse SurvTech Solutions, Inc. for expenses in connection with any such claims or suits, including reasonable attorney's fees.

7. Termination: Client may terminate this Agreement with SurvTech Solutions, Inc. upon written notice if SurvTech Solutions, Inc. breaches his obligations under this Agreement or for any other cause. Client shall compensate SurvTech Solutions, Inc. for performance of services through the period of notice.
8. SurvTech Solutions, Inc. and client mutually waive claims for consequential and incidental damages arising out of or relating to this agreement.
9. Attorney Fees: Should suit be filed to enforce or for the breach of the term of this Agreement, the prevailing party shall be entitled to the award of reasonable attorney's fees.
10. Governing Law: This Agreement shall be governed by the Laws of the State of Florida.
11. Severability: If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall remain in full force and effect and are binding on SurvTech Solutions, Inc. and Client.
12. Ownership of Data and Project Materials: All raw data, field notes, CAD files, BIM models, project documents, and any other electronic or physical files created, collected, or produced in the course of performing services under this contract are and shall remain the sole property of SurvTech Solutions, Inc. No transfer of ownership, license, or rights to these materials is granted to the client or any third party unless explicitly stated in writing and agreed upon by both parties. These materials may not be reproduced, distributed, or used for purposes outside the scope of this contract without prior written consent from SurvTech Solutions, Inc.



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**CLIENT AND SURVTECH SOLUTIONS, INC.
PROFESSIONAL SERVICES AGREEMENT - (SHORT FORM)**

This agreement is made and entered into and made effective Tuesday, February 4, 2025 , by and between:

SurvTech Solutions, Inc.

Name: Matthew Brooks
Address: 10220 U.S. Highway 92 East
Address cont: Tampa, Florida 33610
Phone: 813-621-4929
Fax: 813-621-7194
Project No.: **N/A**

Client: GeoSyntec Consultants

Name: Ryan Tuttle
Address: 50 South Belcher Road, Suite 116
Address cont:
Address cont: Clearwater, FL 33765
Phone: None
Email: rtuttle@geosyntec.com
Estimate No.: **250235**

The property upon which the services hereinafter described are to be performed is located at **Golfview Cutoff Rd, Babson Park, FL, 33827**; Property Appraiser Parcel No.: **N/A** ("the property")

Services: Surveying and mapping services as described in "Scope of Services" as attached herein.

Fee & Time frame: Payment for the hereinabove described services will be **\$16,460.00**. Estimated time frame is **28 days**. All government fees or miscellaneous expenses will be incurred by the Client. SurvTech will notify the client of any such fees or expenses prior to the expenses being incurred.

12. By execution of this agreement Client accepts the terms hereof, acknowledges receipt of a copy hereof, including all exhibits, and authorizes Consultant to proceed with the work. In the event Client is not the owner of the property. Client represents that Client has obtained permission from said owner for Consultant to proceed.

IN WITNESS THEREOF, the parties hereby execute this agreement upon the terms and conditions stated above and on the date first above written.

CONSULTANT: **SurvTech Solutions, Inc.**

CLIENT: **GeoSyntec Consultants**

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____



800.557.7509
servitech.com

WATER ANALYSIS PACKAGES AND PRICING

Prices good through April 30, 2025

1816 E Wyatt Earp Blvd • Dodge City, KS 67801
1602 Park West Dr • Hastings, NE 68901
6921 Bell St • Amarillo, TX 79109

Code	Package contains these analytical parameters:																	Pricing			
Report has custom interpretations based on analytical results																					
DW-HOUSE	COLI	EC	PH	NO3	SO4	F	CA	MG	NA	FE	MN	TDS	HARD					\$85.00			
DW-HW/OC		EC	PH	NO3N	SO4	F	CA	MG	NA	FE	MN	TDS	HARD					\$55.00			
NO3N/COLI	COLI			NO3N														\$44.00			
STOCK		EC	PH	NO3N	SO4	CL	CA	MG	NA	K	FE	MN	TDS	HARD				\$55.00			
IRRIG*		EC	PH	NO3N	SO4	CL	HCO3	CA	MG	NA	K	FE	MN	B	TDS	HARD	ALK	SAR	SARA	PHC	\$80.00
No interpretations provided with report																					
SAR							CA	MG	NA									SAR			\$54.00
SARA			PH				HCO3	CA	MG	NA								SAR	SARA		\$77.00
EC SAR		EC					CA	MG	NA									SAR	SARA		\$64.00
13PT		EC	PH	NO3	SO4	CL	F	HCO3	CA	MG	NA	K	FE	MN	TDS	HARD	ALK				\$94.00

*Note: Irrigation Suitability packages for wastewaters and effluents are found in the "Manure & Compost Testing" and "Wastewater Testing" sections.

Code	Package or parameter description, method	Code	Parameter description, method
DW-HOUSE	Drinking Water Suitability	HCO3	Bicarbonate/carbonate, mg/L HCO3/CO3
DW-HW/OC	Drinking Water Suitability (without coliform)	CA	Calcium, mg/L Ca (total)
NO3N/COLI	Coliform Bacteria & Nitrate Test	MG	Magnesium, mg/L Mg (total)
STOCK	Livestock Water Suitability	NA	Sodium, mg/L Na (total)
IRRIG	Irrigation Water Suitability	K	Potassium, mg/L K (total)
SAR	Sodium adsorption ratio (SAR) only	FE	Iron, mg/L Fe (total)
SARA	Adjusted SAR only	MN	Manganese, mg/L Mn (total)
EC SAR	EC plus SAR	B	Boron, mg/L B (total)
13PT	13 Parameter Test	S	Sulfur, mg/L S (total)
COLI	Coliform bacteria (presence/absence)	TDS	Total dissolved solids, mg/L TDS
EC	Electrical conductivity, mmho/cm or µmho/cm	HARD	Hardness, mg/L & grains/gal (calculated from Ca and Mg)
PH	Water pH	ALK	Alkalinity, CaCO3 mg/L
NO3N	Nitrate-nitrogen, mg/L NO3-N	SAR	Sodium adsorption ratio (SAR)
SO4	Sulfate-sulfur, mg/L SO4-S	SARA	Adjusted SAR
CL	Chloride, mg/L Cl	PHC	pHc
F	Fluoride, mg/L F	---	-----

INDIVIDUAL TESTS

Code	Parameter description, method	Pricing	Code	Parameter description, method	Pricing
NUTRIENTS			METALS		
NO3N	Nitrate-nitrogen, mg/L NO3-N (IC)	\$14.00	AL	Aluminum, mg/L Al (ICP)	\$14.00
NO2N	Nitrite-nitrogen, mg/L NO2-N (IC)	\$15.00	B	Boron, mg/L B (ICP)	\$14.00
NH3	Ammonia-nitrogen, mg/L NH3-N (FIA)	\$21.00	CA	Calcium, mg/L Ca (ICP)	\$14.00
TKN	Total Kjeldahl nitrogen, mg/L N	\$23.00	CL	Chloride, mg/L Cl (IC)	\$14.00
P	Phosphorus, mg/L P (ICP)	\$14.00	CU	Copper, mg/L Cu (ICP)	\$14.00
PO4	Orthophosphate-phosphorus mg/L PO4-P (FIA)	\$17.00	F	Fluoride, mg/L F	\$14.00
MEASURED PROPERTIES			FE	Iron, mg/L Fe (ICP)	\$14.00
EC	Electrical conductivity, mmho/cm or µmho/cm	\$10.00	MG	Magnesium, mg/L Mg (ICP)	\$14.00
PH	Water pH	\$10.00	MN	Manganese, mg/L Mn (ICP)	\$14.00
PHc	pHc	\$10.00	MO	Molybdenum, mg/L Mo (ICP)	\$14.00
TDS	Total dissolved solids, mg/L TDS (gravimetric, by weight)	\$15.00	K	Potassium, mg/L K (ICP)	\$14.00
CALCULATED PROPERTIES			NA	Sodium, mg/L Na (ICP)	\$14.00
ALK	Alkalinity, mg/L (includes HCO3, CO3, & OH)	\$13.00	SO4	Sulfate-sulfur, mg/L SO4-S (IC)	\$14.00
HARD	Hardness, mg/L & grains/gal (calculated from Ca and Mg)	\$40.00	S	Sulfur, mg/L S (ICP)	\$14.00
SAR	Sodium adsorption ratio, SAR (includes Ca, Mg, & Na)	\$54.00	HCO3	Bicarbonate only, mg/L HCO3	\$13.00
SARA	Adjusted SAR (includes Ca, Mg, Na, HCO3, CO3, & pH)	\$77.00	CO3	Carbonate only, mg/L CO3	\$13.00
TDSC	Total dissolved solids, mg/L TDSc (calculated from EC)	\$10.00	OH	Hydroxide only, mg/L OH	\$13.00

ATTACHMENT 3
SCHEDULE

Exhibit B

Geosyntec Consultants 2025 Rate Schedule Polk County Solid Waste Division: Southeast Landfill Site

<u>Role</u>	<u>^ACategory 1</u>	<u>^ACategory 2</u>
	<u>Rate/Hour</u>	<u>Rate/Hour</u>
Staff Professional	\$169.40	\$175.00
Senior Staff Professional	\$193.60	\$200.00
Professional	\$219.74	\$227.00
Project Professional	\$245.87	\$254.00
Senior Professional	\$275.88	\$285.00
Principal	\$300.08	\$310.00
Senior Principal	\$319.44	\$330.00
	<u>^BCategory I</u>	<u>^BCategory II</u>
	<u>Rate/Hour</u>	<u>Rate/Hour</u>
Technician	\$96.00	\$105.00
Senior Technician	\$115.00	\$125.00
Site Manager	\$135.00	\$155.00
Construction Manager	\$165.00	\$180.00
Designer	\$180.00	\$215.00
Drafter/CADD Operator	\$150.00	\$165.00
Project Administrator/Clerical	\$80.00	\$98.00

Rates provided are client and project specific.

^ACategory 1 and 2 are associated with technical consulting staff. Category 1 is associated with non-engineering or hydrogeology degreed consulting staff. Category 2 is associated with engineering or hydrogeology degreed consulting staff.

^BCategory I and II are associated with non-technical consulting staff. Category I and II vary based on years of experience. Rates will be adjusted during all subsequent contract negotiations.

Fran McAskill
Director
Procurement Division



330 West Church Street
P.O. Box 9005, Drawer AS05
Bartow, Florida 33831-9005
Phone: (863) 534-6757
Fax: (863) 534-6789
www.polk-county.net

EXHIBIT C

Board of County Commissioners

REIMBURSABLE COST SCHEDULE

1.	Reproduction Cost		
	A. Regular Copying	Single Side	Double Sided
	8 ½ x 11 (black & white).....	\$ 0.15/page	\$ 0.25/sheet
	8 ½ x 11 (color).....	\$ 0.30/page	\$ 0.40/sheet
	8 ½ x 14 (black & white).....	\$ 0.15/page	\$ 0.25/sheet
	8 ½ x 14 (color).....	\$ 0.30/page	\$.0.40/sheet
	11 x 17 (black & white).....	\$ 0.25/page	\$ 0.35/sheet
	11 x 17 (color).....	\$ 0.40/page	\$ 0.50/sheet
	9 ½ x 24 Single Side Only.....	\$ 1.00/page	
	17 x 22 Single Side Only.....	\$ 2.00/page	
	18 x 24 Single Side Only.....	\$ 2.00/page	
	24 x 36 Single Side Only.....	\$ 3.00/page	
	30 x 30 Single Side Only.....	\$ 5.00/page	
	32 x 34 Single Side Only.....	\$ 5.00/page	
	Other sizes-per square inch.....	\$ 0.03/page	
	Compact Digital Disk	\$ 6.00/disk	
	B. Blueprint Copy.....		\$10.00/page
2.	Subcontractor Services		Actual Costs
3.	Special Consultants		Actual costs
4.	Computer Services		Non-reimbursable
5.	Travel Expenses	In accordance with Chapter 112.061, F.S.; and further defined in the Polk County Employee Handbook.	
6.	Postage, Fed Express, UPS		Actual Costs
7.	Pre-approved Equipment (includes purchase and rental of equipment used in project)		Actual Costs