

**AMENDMENT NO. 1 TO THE AGREEMENT
WITH GEOSYNTEC CONSULTANTS, INC. (BC19261)**

This AMENDMENT is entered into between the County of Santa Barbara Public Works Department (hereafter COUNTY) and Geosyntec Consultants, Inc. having its principal place of business at 924 Anacapa Street, Suite 4A, Santa Barbara, CA 93101 (hereafter CONTRACTOR).

WHEREAS, the parties hereto, on July 2, 2019, entered into an agreement (BC19261) for regulatory compliance consulting services as requested by the County of Santa Barbara Public Works Department; and

WHEREAS, the original agreement amount for the project was in the amount of \$139,000.00; and

WHEREAS, additional work is necessary to maintain ongoing regulatory compliance pertaining to surface water at solid waste management facilities;

NOW THEREFORE, COUNTY and CONTRACTOR agree to amend the contract as follows:

1. Exhibit A, First Paragraph, is hereby amended to read:

Contractor shall provide professional services as set forth in the Contractor's proposal dated May 14, 2019 included as Attachment A-1 and as set forth in the Contractor's proposal dated November 18, 2019 included as Attachment A-2, as herein attached and incorporated by reference.

2. Attachment A-2 is added in its entirety as attached hereto and incorporated herein by reference.
3. Exhibit B, Paragraph A, is hereby amended to read:

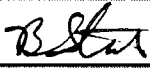
For CONTRACTOR services to be rendered under this Agreement, CONTRACTOR shall be paid a total contract amount, including cost reimbursements, up to but not to exceed \$205,900.

4. **Ratifications.** The terms and provisions set forth in this Amendment No. 1 shall modify and supersede all inconsistent terms and provisions set forth in the Agreement. The terms and provisions of the Agreement, except as expressly modified and superseded by this Amendment No. 1, are ratified and confirmed and shall continue in full force and effect, and shall continue to be legal, valid, binding and enforceable obligations of the parties.

IN WITNESS WHEREOF, the parties have executed this Agreement to be effective on the date executed by COUNTY.

CONTRACTOR

Geosyntec Consultants, Inc.
924 Anacapa Street, Suite 4A
Santa Barbara, CA 93101

By:  12/12/19

License

No. CH 6132 (CAPE chemical)

Business Type: Environmental Consultant

COUNTY

ATTEST:

Mona Miyasato
County Executive Officer
Clerk of the Board

By: Sheila LaGuerra
Deputy Clerk

COUNTY OF SANTA BARBARA:

By: Gregg Hart
Gregg Hart, Chair
Board of Supervisors

Date: 1-28-20

RECOMMENDED FOR
APPROVAL:
Public Works

By: Scott D. McGolpin
Scott D. McGolpin
Director of Public Works

APPROVED AS TO FORM:

Michael C. Ghizzoni
County Counsel

By: Michael C. Ghizzoni
Deputy County Counsel

APPROVED AS TO ACCOUNTING
FORM:

Betsy M. Schaffer, CPA
Auditor-Controller

By: Betsy M. Schaffer
Deputy
On Behalf of

APPROVED AS TO FORM:

Ray Aromatorio
Risk Manager

By: Ray Aromatorio

**ATTACHMENT A-2
CONTRACTOR'S PROPOSAL DATED NOVEMBER 18, 2019**

November 18, 2019

Ms. Jeanette Gonzales-Knight
Resource Recovery and Waste Management Division
Santa Barbara County
130 E. Victoria Street, Suite 100
Santa Barbara, CA 93101

**Reference: Santa Barbara County Resource Recovery and Waste Management Division
(RRWMD) Industrial Stormwater Compliance Support Amendment No. 1**

Dear Ms. Gonzales-Knight:

Geosyntec Consultants Inc. (Geosyntec) is pleased to provide stormwater-related technical consulting support to RRWMD related to compliance with the Industrial General Permit (IGP) at the South Coast Recycling and Transfer Station (SCRTS), the Tajiguas Landfill (Tajiguas), and the Foothill closed landfill (Foothill). This scope of work includes additional tasks to be incorporated as Amendment No. 1 to the Contract established July 2019 between Geosyntec and the County of Santa Barbara.

Task 5a. Tajiguas Wet Weather Preparedness Report

This task includes developing a wet weather preparedness report (WWPR) for the Tajiguas landfill according to the requirements outlined in the Central Coast Regional Water Quality Control Board (RWQCB) Waste Discharge Requirements (WDR) Order No. R3-2010-0006 Provisions E.4 – E.6 and E.21. This task includes up to two phone calls (two hours each) between Geosyntec staff and RRWMD staff to discuss previous best management practices (BMPs) implemented and identify new BMPs to be implemented. Geosyntec will develop a draft and final WWPR according to the requirements in WDR Provisions E.4 – E.6 and E.21 including a figure outlining the proposed BMPs to be implemented at the site.

Task 5a Budget: \$13,000

Task 5b. Tajiguas Flocculant Pilot Testing Support

To support Level 2 Exceedance Response Action (ERA) planning at the Tajiguas Landfill in order to address numeric action level (NAL) exceedances of total suspended solids (TSS) and total iron, Geosyntec will develop a flocculant pilot testing plan. This plan will outline a schedule of tasks to be implemented in order to evaluate the effectiveness of implementing flocculant and/or a combination of coagulant and flocculant in both the North and South sedimentation basins to reduce TSS and total iron concentrations in the landfill's industrial stormwater runoff. This plan will outline steps for collecting initial samples to be analyzed by the selected potential flocculant vendors in order to determine an appropriate product and

recommended dosage rate for pilot testing (including locations and analysis methods). A conceptual dosing schematic including equipment needed, potential equipment sources, and approximate costs will also be included. Additionally, the plan will outline the recommended pilot test sampling methodology after necessary equipment is in place (including locations, frequency, and analysis methods).

This task includes mobilization support if required by the final flocculant pilot testing plan. Geosyntec will work with RRWMD staff during a predicted rain event with a 60% chance of 0.5 inches and will mobilize for up to one event to collect samples to send to the vendor if required. These samples will be collected at four locations: upstream and within both the North and South sedimentation basins and analyzed for TSS, total iron, and dissolved iron. This task also includes up to eight hours of coordination with vendors (of flocculants and equipment) and RRWMD staff to procure the necessary equipment and products for the flocculant pilot testing. It is assumed that RRWMD staff will perform the installation of the equipment, but Geosyntec staff will be available during one – four-hour period of installation. Mobilization for sampling and vendor coordination will be provided as needed by the final flocculant pilot testing plan and as budget allows.

After the equipment is installed, it is assumed that RRWMD will collect follow up samples according to the flocculant pilot testing plan developed as part of this task. Geosyntec can be available as budget allows to answer questions prior to and during sampling.

Deliverables:

- One draft and one final Flocculant Pilot Testing Plan

Task 5b Budget: \$14,300

Assumptions:

- Up to one mobilization event to collect samples to send to the vendor (if required)
- It is assumed that RRWMD staff will coordinate with the laboratory and send the samples for analysis (laboratory costs are not included in this scope of work).
- Mobilization for pilot testing sampling event (post-equipment installation) is not included

Task 5c. Foothill Closed Landfill SWPPP Drafting and Filing

Geosyntec will draft a Stormwater Pollution Prevention Plan (SWPPP) for the Hearts Relocation Project at Foothill that conforms to the requirements of the CA Construction General Permit. The SWPPP will be drafted in conformance with the California Stormwater Quality Association (CASQA) template, and will include the following: introduction and background; risk

assessment; BMP identification; monitoring and reporting program; and SWPPP drawings and details. Upon finalization of the SWPPP, Geosyntec will upload the SWPPP to SMARTS.

Task 5c Budget: \$10,000.

Deliverables:

- Draft and Final SWPPP that complies with the Construction General Permit and covers the Project through June 2020;

Task 5d. Foothill Closed Landfill QSP Support Services

The California Construction General Permit requires regular inspections of active construction projects so that the SWPPP is being implemented appropriately and downstream water quality is being protected. Required inspections include: weekly inspections; quarterly non-storm water discharge inspections; and pre-storm event, daily storm event, and post-storm event inspections. In addition, storm water sampling during a qualifying rain event is required. These inspections are required to be conducted or overseen by a State-certified Qualified SWPPP Practitioner (QSP). All inspections are required to be recorded and summarized in the Project's annual report.

Based on feedback from the County, Geosyntec is proposing to fulfill the requirements of the Permit by conducting monthly site visits during dry weather along with storm-related inspections (including pre-, during-, and post-storm events). All other inspections, sampling, and reporting will be conducted by County personnel, with review and oversight provided by Geosyntec.

Geosyntec will also provide an initial training of County personnel so that inspections can be conducted in conformance with the SWPPP and CGP.

In order to support this requirement, the following items are covered by this Task:

- An initial training of County personnel to conduct CGP-required inspections. This training will take place at the Project site.
- Monthly site visits during dry weather (8 total), to confirm the site conditions as referenced in the weekly inspection reports that are being provided by the onsite personnel;
- Up to 15 storm-related site visits (including pre-, during-, and post-event inspections and monitoring), including collection of four stormwater samples (two samples from two locations) as identified in the SWPPP; including cross-training with COSB RRWMD personnel during the two sampling events;
- Coordination with onsite personnel that are performing the required weekly inspections and sampling; and

- Management of SWPPP-related records and the SMARTS database, as required for SWPPP monitoring, sampling, and reporting (as budget allows).

Geosyntec will also support the drafting and completion of the Project Annual Report, followed by completion of a Notice of Termination for the Project. These items will be drafted following completion of the Project, and will be uploaded to SMARTS by Geosyntec.

Task 5d Budget: \$29,600.

Deliverables:

- Email transmittal of field inspection reports following site visits;
- Drafting of one Project Annual Report (in SMARTS); and
- Drafting of one Notice of Termination (in SMARTS).

Terms and Conditions

The total estimated costs for the 2019-2020 Regulatory Compliance Consulting Services Scope of work Amendment 1 described above are: \$66,900.

This proposal is valid for 90 days. Geosyntec continues to appreciate the opportunity to work closely with the RRWMD on these technical projects. Please contact us if you have questions.

Sincerely,
Geosyntec Consultants, Inc.



Brandon Steets, P.E. (CA)
Senior Principal



Adam Questad, P.E. (CA)
Senior Engineer

Attachments:

Geosyntec Consultants 2019/2020 COSB Fiscal Year Rate Schedule

Attachment 1
GEOSYNTEC CONSULTANTS
2019 RATE SCHEDULE

Staff Professional	\$120
Senior Staff Professional	\$140
Professional	\$160
Project Professional	\$185
Senior Professional	\$205
Principal	\$225
Senior Principal	\$245
Engineering Technician I	\$ 62
Engineering Technician II	\$ 68
Senior Engineering Technician I	\$ 75
Senior Engineering Technician II	\$ 80
Site Manager I	\$ 87
Site Manager II	\$ 97
Construction Manager I	\$110
Construction Manager II	\$120
Designer	\$132
Senior Drafter/Senior CADD Operator	\$ 120
Drafter/CADD Operator/Artist	\$ 110
Project Administrator	\$ 65
Clerical	\$ 52
Direct Expenses	Cost plus 12%
Subcontract Services	Cost plus 12%
Technology/Communications Fee	3% of Professional Fees
Specialized Computer Applications (per hour)	\$ 15
Personal Automobile (per mile)	Current Gov't Rate
Photocopies (per page)	\$.09

Rates are provided on a confidential basis and are client and project specific.
Unless otherwise agreed, rates will be adjusted annually based on a minimum of the Produce Price Index
for Engineering Services.

Rates for field equipment, health and safety equipment, and graphical supplies presented upon request.