

AGREEMENT FOR SERVICES OF INDEPENDENT CONTRACTOR

THIS AGREEMENT (hereafter Agreement) is made by and between the County of Santa Barbara, a political subdivision of the State of California (hereafter COUNTY) and Clear Water Services with an address at 2825 Franklin Canyon Rd., Rodeo, CA 94572 (hereafter CONTRACTOR) wherein CONTRACTOR agrees to provide and COUNTY agrees to accept the services specified herein.

WHEREAS, CONTRACTOR was retained by COUNTY to construct the Tajiguas ReSource Center Active Treatment System (ATS) to treat liquids that have come into contact with compost at the Compost Management Unit, and at this time the ATS has reached the optimization phase.

WHEREAS, CONTRACTOR represents that it is specially trained, skilled, experienced, and competent to perform the special services required by COUNTY and COUNTY desires to retain the services of CONTRACTOR pursuant to the terms, covenants, and conditions herein set forth;

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the parties agree as follows:

1. DESIGNATED REPRESENTATIVE

Christina Wilder at phone number 805-696-1173 is the representative of COUNTY and will administer this Agreement for and on behalf of COUNTY. Kristine Sommer at phone number 425-412-5700 is the authorized representative for CONTRACTOR. Changes in designated representatives shall be made only after advance written notice to the other party.

2. NOTICES

Any notice or consent required or permitted to be given under this Agreement shall be given to the respective parties in writing, by personal delivery, or with postage prepaid by first class mail, registered or certified mail, or express courier service, as follows:

To COUNTY:	Jeanette Gonzales-Knight, County of Santa Barbara, 130 E. Victoria Street Suite 100, Santa Barbara, CA 93101
To CONTRACTOR:	Kristine Sommer, Clear Water Services, 2825 Franklin Canyon Road, Rodeo, CA 94572

or at such other address or to such other person that the parties may from time to time designate in accordance with this Notices section. If sent by first class mail, notices and consents under this section shall be deemed to be received five (5) days following their deposit in the U.S. mail. This Notices section shall not be construed as meaning that either party agrees to service of process except as required by applicable law.

3. SCOPE OF SERVICES

CONTRACTOR agrees to provide services to COUNTY in accordance with EXHIBIT A attached hereto and incorporated herein by reference.

4. TERM

CONTRACTOR shall commence performance on September 9, 2025 and end performance upon completion, but no later than June 30, 2026 unless otherwise directed by COUNTY or unless earlier terminated.

5. COMPENSATION OF CONTRACTOR

In full consideration for CONTRACTOR's services, CONTRACTOR shall be paid for performance under this Agreement in accordance with the terms of EXHIBIT B attached hereto and incorporated herein by reference. Billing shall be made by invoice, which shall include the contract number assigned by COUNTY and which is delivered to the address given in Section 2 NOTICES above following completion of the increments identified on EXHIBIT B. Unless otherwise specified on EXHIBIT B, payment shall be net thirty (30) days from presentation of invoice.

6. INDEPENDENT CONTRACTOR

It is mutually understood and agreed that CONTRACTOR (including any and all of its officers, agents, and employees), shall perform all of its services under this Agreement as an independent contractor as to COUNTY and not as an officer, agent, servant, employee, joint venturer, partner, or associate of COUNTY. Furthermore, COUNTY shall have no right to control, supervise, or direct the manner or method by which CONTRACTOR shall perform its work and function. However, COUNTY shall retain the right to administer this Agreement so as to verify that CONTRACTOR is performing its obligations in accordance with the terms and conditions hereof. CONTRACTOR understands and acknowledges that it shall not be entitled to any of the benefits of a COUNTY employee, including but not limited to vacation, sick leave, administrative leave, health insurance, disability insurance, retirement, unemployment insurance, workers' compensation and protection of tenure. CONTRACTOR shall be solely liable and responsible for providing to, or on behalf of, its employees all legally-required employee benefits. In addition, CONTRACTOR shall be solely responsible and save COUNTY harmless from all matters relating to payment of CONTRACTOR's employees, including compliance with Social Security withholding and all other regulations governing such matters. It is acknowledged that during the term of this Agreement, CONTRACTOR may be providing services to others unrelated to the COUNTY or to this Agreement.

7. STANDARD OF PERFORMANCE

CONTRACTOR represents that it has the skills, expertise, and licenses/permits necessary to perform the services required under this Agreement. Accordingly, CONTRACTOR shall perform all such services in the manner and according to the standards observed by a competent practitioner of the same profession in which CONTRACTOR is engaged. All products of whatsoever nature, which CONTRACTOR delivers to COUNTY pursuant to this Agreement, shall be prepared in a first class and workmanlike manner and shall conform to the standards of quality normally observed by a person practicing in CONTRACTOR's profession. CONTRACTOR shall correct or revise any errors or omissions, at COUNTY'S request without additional compensation. Permits and/or licenses shall be obtained and maintained by CONTRACTOR without additional compensation.

8. DEBARMENT AND SUSPENSION

CONTRACTOR certifies to COUNTY that it and its employees and principals are not debarred, suspended, or otherwise excluded from or ineligible for, participation in federal, state, or county government contracts. CONTRACTOR certifies that it shall not contract with a subcontractor that is so debarred or suspended.

9. TAXES

CONTRACTOR shall pay all taxes, levies, duties, and assessments of every nature due in connection with any work under this Agreement and shall make any and all payroll deductions required by law. COUNTY shall not be responsible for paying any taxes on CONTRACTOR's behalf, and should COUNTY be required to do so by state, federal, or local taxing agencies, CONTRACTOR agrees to promptly reimburse COUNTY for the full value of such paid taxes plus interest and penalty, if any. These taxes shall include, but not be limited to, the following: FICA (Social Security), unemployment insurance contributions, income tax, disability insurance, and workers' compensation insurance.

10. CONFLICT OF INTEREST

CONTRACTOR covenants that CONTRACTOR presently has no employment or interest and shall not acquire any employment or interest, direct or indirect, including any interest in any business, property, or source of income, which would conflict in any manner or degree with the performance of services required to be performed under this Agreement. CONTRACTOR further covenants that in the performance of this Agreement, no person having any such interest shall be employed by CONTRACTOR. CONTRACTOR must promptly disclose to COUNTY, in writing, any potential conflict of interest. COUNTY retains the right to waive a conflict of interest disclosed by CONTRACTOR if COUNTY determines it to be immaterial, and such waiver is only effective if provided by COUNTY to CONTRACTOR in writing.

11. OWNERSHIP OF DOCUMENTS AND INTELLECTUAL PROPERTY

COUNTY shall be the owner of the following items incidental to this Agreement upon production, whether or not completed: all data collected, all documents of any type whatsoever, all photos, designs, sound or audiovisual recordings, software code, inventions, technologies, and other materials, and any material necessary for the practical use of such items, from the time of collection and/or production whether or not performance under this Agreement is completed or terminated prior to completion. CONTRACTOR shall not release any of such items to other parties except after prior written approval of COUNTY.

Unless otherwise specified in Exhibit A, CONTRACTOR hereby assigns to COUNTY all copyright, patent, and other intellectual property and proprietary rights to all data, documents, reports, photos, designs, sound or audiovisual recordings, software code, inventions, technologies, and other materials prepared or provided by CONTRACTOR pursuant to this Agreement (collectively referred to as "Copyrightable Works and Inventions"). COUNTY shall have the unrestricted authority to copy, adapt, perform, display, publish, disclose, distribute, create derivative works from, and otherwise use in whole or in part, any Copyrightable Works and Inventions. CONTRACTOR agrees to take such actions and execute and deliver such documents as may be needed to validate, protect and confirm the rights and assignments provided hereunder. CONTRACTOR warrants that any Copyrightable Works and Inventions and other items provided under this Agreement will not infringe upon any intellectual property or proprietary rights of any third party. CONTRACTOR at its own expense shall defend, indemnify, and hold harmless COUNTY against any claim that any Copyrightable Works or Inventions or other items provided by CONTRACTOR hereunder infringe upon intellectual or other proprietary rights of a third party, and CONTRACTOR shall pay any damages, costs, settlement amounts, and fees (including attorneys' fees) that may be incurred by COUNTY in connection with any such claims. This Ownership of Documents and Intellectual Property provision shall survive expiration or termination of this Agreement.

12. NO PUBLICITY OR ENDORSEMENT

CONTRACTOR shall not use COUNTY's name or logo or any variation of such name or logo in any publicity, advertising or promotional materials. CONTRACTOR shall not use COUNTY's name or logo in any manner that would give the appearance that the COUNTY is endorsing CONTRACTOR. CONTRACTOR shall not in any way contract on behalf of or in the name of COUNTY. CONTRACTOR shall not release any informational pamphlets, notices, press releases, research reports, or similar public notices concerning the COUNTY or its projects, without obtaining the prior written approval of COUNTY.

13. COUNTY PROPERTY AND INFORMATION

All of COUNTY's property, documents, and information provided for CONTRACTOR's use in connection with the services shall remain COUNTY's property, and CONTRACTOR shall return any such items whenever requested by COUNTY and whenever required according to the Termination section of this Agreement. CONTRACTOR may use such items only in connection with providing the services. CONTRACTOR shall not disseminate any COUNTY property, documents, or information without COUNTY's prior written consent.

14. RECORDS, AUDIT, AND REVIEW

CONTRACTOR shall keep such business records pursuant to this Agreement as would be kept by a reasonably prudent practitioner of CONTRACTOR's profession and shall maintain such records for at least four (4) years following the termination of this Agreement. All accounting records shall be kept in accordance with generally accepted accounting principles. COUNTY shall have the right to audit and review all such documents and records at any time during CONTRACTOR's regular business hours or upon reasonable notice. In addition, if this Agreement exceeds ten thousand dollars (\$10,000.00), CONTRACTOR shall be subject to the examination and audit of the California State Auditor, at the request of the COUNTY or as part of any audit of the COUNTY, for a period of three (3) years after final payment under the Agreement (Cal. Govt. Code Section 8546.7). CONTRACTOR shall participate in any audits and reviews, whether by COUNTY or the State, at no charge to COUNTY.

If federal, state or COUNTY audit exceptions are made relating to this Agreement, CONTRACTOR shall reimburse all costs incurred by federal, state, and/or COUNTY governments associated with defending against the audit exceptions or performing any audits or follow-up audits, including but not limited to: audit fees, court costs, attorneys' fees based upon a reasonable hourly amount for attorneys in the community, travel costs, penalty assessments and all other costs of whatever nature. Immediately upon notification from COUNTY, CONTRACTOR shall reimburse the amount of the audit exceptions and any other related costs directly to COUNTY as specified by COUNTY in the notification.

15. INDEMNIFICATION AND INSURANCE

CONTRACTOR agrees to the indemnification and insurance provisions as set forth in EXHIBIT C attached hereto and incorporated herein by reference.

16. NONDISCRIMINATION

COUNTY hereby notifies CONTRACTOR that COUNTY's Unlawful Discrimination Ordinance (Article XIII of Chapter 2 of the Santa Barbara County Code) applies to this Agreement and is incorporated herein by this reference with the same force and effect as if the ordinance were specifically set out herein and CONTRACTOR agrees to comply with said ordinance.

17. NONEXCLUSIVE AGREEMENT

CONTRACTOR understands that this is not an exclusive Agreement and that COUNTY shall have the right to negotiate with and enter into contracts with others providing the same or similar services as those provided by CONTRACTOR as the COUNTY desires.

18. NON-ASSIGNMENT

CONTRACTOR shall not assign, transfer or subcontract this Agreement or any of its rights or obligations under this Agreement without the prior written consent of COUNTY and any attempt to so assign, subcontract or transfer without such consent shall be void and without legal effect and shall constitute grounds for termination.

19. TERMINATION

- A. By COUNTY. COUNTY may, by written notice to CONTRACTOR, terminate this Agreement in whole or in part at any time, whether for COUNTY's convenience, for nonappropriation of funds, or because of the failure of CONTRACTOR to fulfill the obligations herein.
 1. **For Convenience.** COUNTY may terminate this Agreement in whole or in part upon thirty (30) days written notice. During the thirty (30) day period, CONTRACTOR shall, as directed by COUNTY, wind down and cease its services as quickly and efficiently as reasonably possible, without performing

unnecessary services or activities and by minimizing negative effects on COUNTY from such winding down and cessation of services.

2. **For Nonappropriation of Funds.** Notwithstanding any other provision of this Agreement, in the event that no funds or insufficient funds are appropriated or budgeted by federal, state or COUNTY governments, or funds are not otherwise available for payments in the fiscal year(s) covered by the term of this Agreement, then COUNTY will notify CONTRACTOR of such occurrence and COUNTY may terminate or suspend this Agreement in whole or in part, with or without a prior notice period. Subsequent to termination of this Agreement under this provision, COUNTY shall have no obligation to make payments with regard to the remainder of the term.
3. **For Cause.** Should CONTRACTOR default in the performance of this Agreement or materially breach any of its provisions, COUNTY may, at COUNTY's sole option, terminate or suspend this Agreement in whole or in part by written notice. Upon receipt of notice, CONTRACTOR shall immediately discontinue all services affected (unless the notice directs otherwise) and notify COUNTY as to the status of its performance. The date of termination shall be the date the notice is received by CONTRACTOR, unless the notice directs otherwise.
- B. **By CONTRACTOR.** Should COUNTY fail to pay CONTRACTOR all or any part of the payment set forth in EXHIBIT B, CONTRACTOR may, at CONTRACTOR's option terminate this Agreement if such failure is not remedied by COUNTY within thirty (30) days of written notice to COUNTY of such late payment.
- C. Upon termination, CONTRACTOR shall deliver to COUNTY all data, estimates, graphs, summaries, reports, and all other property, records, documents or papers as may have been accumulated or produced by CONTRACTOR in performing this Agreement, whether completed or in process, except such items as COUNTY may, by written permission, permit CONTRACTOR to retain. Notwithstanding any other payment provision of this Agreement, COUNTY shall pay CONTRACTOR for satisfactory services performed to the date of termination to include a prorated amount of compensation due hereunder less payments, if any, previously made. In no event shall CONTRACTOR be paid an amount in excess of the full price under this Agreement nor for profit on unperformed portions of service. CONTRACTOR shall furnish to COUNTY such financial information as in the judgment of COUNTY is necessary to determine the reasonable value of the services rendered by CONTRACTOR. In the event of a dispute as to the reasonable value of the services rendered by CONTRACTOR, the decision of COUNTY shall be final. The foregoing is cumulative and shall not affect any right or remedy which COUNTY may have in law or equity.

20. **SECTION HEADINGS**

The headings of the several sections, and any Table of Contents appended hereto, shall be solely for convenience of reference and shall not affect the meaning, construction or effect hereof.

21. **SEVERABILITY**

If any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, then such provision or provisions shall be deemed severable from the remaining provisions hereof, and such invalidity, illegality or unenforceability shall not affect any other provision hereof, and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.

22. **REMEDIES NOT EXCLUSIVE**

No remedy herein conferred upon or reserved to COUNTY is intended to be exclusive of any other remedy or remedies, and each and every such remedy, to the extent permitted by law, shall be cumulative and in addition to any other remedy given hereunder or now or hereafter existing at law or in equity or otherwise.

23. TIME IS OF THE ESSENCE

Time is of the essence in this Agreement and each covenant and term is a condition herein.

24. NO WAIVER OF DEFAULT

No delay or omission of COUNTY to exercise any right or power arising upon the occurrence of any event of default shall impair any such right or power or shall be construed to be a waiver of any such default or an acquiescence therein; and every power and remedy given by this Agreement to COUNTY shall be exercised from time to time and as often as may be deemed expedient in the sole discretion of COUNTY.

25. ENTIRE AGREEMENT AND AMENDMENT

In conjunction with the matters considered herein, this Agreement contains the entire understanding and agreement of the parties and there have been no promises, representations, agreements, warranties or undertakings by any of the parties, either oral or written, of any character or nature hereafter binding except as set forth herein. This Agreement may be altered, amended or modified only by an instrument in writing, executed by the parties to this Agreement and by no other means. Each party waives their future right to claim, contest or assert that this Agreement was modified, canceled, superseded, or changed by any oral agreements, course of conduct, waiver or estoppel.

26. SUCCESSORS AND ASSIGNS

All representations, covenants and warranties set forth in this Agreement, by or on behalf of, or for the benefit of any or all of the parties hereto, shall be binding upon and inure to the benefit of such party, its successors and assigns.

27. COMPLIANCE WITH LAW

CONTRACTOR shall, at its sole cost and expense, comply with all County, State and Federal ordinances and statutes now in force or which may hereafter be in force with regard to this Agreement. The judgment of any court of competent jurisdiction, or the admission of CONTRACTOR in any action or proceeding against CONTRACTOR, whether COUNTY is a party thereto or not, that CONTRACTOR has violated any such ordinance or statute, shall be conclusive of that fact as between CONTRACTOR and COUNTY.

28. CALIFORNIA LAW AND JURISDICTION

This Agreement shall be governed by the laws of the State of California. Any litigation regarding this Agreement or its contents shall be filed in the County of Santa Barbara, if in state court, or in the federal district court nearest to Santa Barbara County, if in federal court.

29. EXECUTION OF COUNTERPARTS

This Agreement may be executed in any number of counterparts and each of such counterparts shall for all purposes be deemed to be an original; and all such counterparts, or as many of them as the parties shall preserve undestroyed, shall together constitute one and the same instrument.

30. AUTHORITY

All signatories and parties to this Agreement warrant and represent that they have the power and authority to enter into this Agreement in the names, titles and capacities herein stated and on behalf of any entities, persons, or firms represented or purported to be represented by such entity(ies), person(s), or firm(s) and that all formal requirements necessary or required by any state and/or federal law in order to enter into this Agreement have been fully complied with. Furthermore, by entering into this Agreement, CONTRACTOR hereby warrants that it shall not

have breached the terms or conditions of any other contract or agreement to which CONTRACTOR is obligated, which breach would have a material effect hereon.

31. **SURVIVAL**

All provisions of this Agreement which by their nature are intended to survive the termination or expiration of this Agreement shall survive such termination or expiration.

32. **PRECEDENCE**

In the event of conflict between the provisions contained in the numbered sections of this Agreement and the provisions contained in the Exhibits, the provisions of the Exhibits shall prevail over those in the numbered sections.

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

ATTEST:

Mona Miyasato
County Executive Officer
Clerk of the Board

By: Shirley LaGuerra
Deputy Clerk

COUNTY OF SANTA BARBARA:

Laura Capps, Chair
Board of Supervisors

By: [Signature]

Date: 9-9-25

RECOMMENDED FOR APPROVAL:

Chris Sneddon, P.E., Director
Santa Barbara County Public Works

By: DocuSigned by:
Chris Sneddon
67CEC4FE68B848C...
Director

CONTRACTOR:

Clear Water Services

By: DocuSigned by:
Kristine Sommer
6245847683F547B...
Authorized Representative

Name: Kristine Sommer

Title: Director, Business Development

APPROVED AS TO FORM:

Rachel Van Mullem
County Counsel

By: Signed by:
Johannah Hartley
C156A3FB83F7454...
Deputy County Counsel

APPROVED AS TO ACCOUNTING FORM:

Betsy M. Schaffer, CPA
Auditor-Controller

By: Signed by:
Shawna Jorgensen
DF6DB8D7D6344E6...
Deputy

APPROVED AS TO FORM:

Gregory Milligan, ARM
Risk Management

By: Signed by:
Greg Milligan
05F555F00269466...
Risk Management



EXHIBIT A

July 17, 2025

Christina Wilder
Civil Engineer
Santa Barbara County Department of Public Works
14470 Calle Real Goleta, CA 93117

RE: Tajiguas Landfill - Water Management and Treatment, Proposal

Clear Water Services (Clear Water) is pleased to present this proposal for the next phase of treatment system optimization at Tajiguas Landfill. In close coordination with the County of Santa Barbara and GeoSyntec, Clear Water has developed a targeted set of upgrades designed to improve solids removal efficiency, reduce sludge volumes, and enhance overall system performance, without expanding the facility's footprint.

This proposal outlines the scope, rationale, and pricing for three integrated improvements:

- Installation of a new automated chemical dosing system at the 290 Deck
- Settling performance enhancements at the ATS system; clarifier and weir retrofits
- Settling performance enhancements at the ATS system; plumbing reconfiguration

These recommendations are backed by bench-scale treatability testing conducted in June 2025, which demonstrated significant turbidity and metals reduction using a two-stage chemical dosing and settling strategy. The upgrades described herein reflect both the findings of that testing and prior discussions with the project team.

Treatability Summary & Performance Findings

As part of the ongoing collaboration with the County of Santa Barbara and Geosyntec, Clear Water conducted bench-scale treatability testing in June 2025 to evaluate performance improvements related to chemical pretreatment and solids separation.

Key Goals of Testing:

- Evaluate chemical dosing performance using PAX and BHR P-50
- Simulate settling improvements via weir installation
- Confirm removal efficiency of suspended solids and key parameters

Bench Testing Summary:

- Raw water from Tank 2 was treated with coagulant (PAX) and flocculant (BHR P-50)
- Settling performance was simulated with and without weir-style flow controls

**Table 1. Treatability Bench-Scale Results**

Parameter	Raw Water	Post-Coagulant	Post-Floc + Weir	% Removal
Turbidity	89.3 NTU	77.9 NTU	19.8 NTU	77.8%
COD	260 mg/L	170 mg/L	120 mg/L	53.9%
TOC	56 mg/L	46 mg/L	41 mg/L	26.8%
Iron	0.56 mg/L	0.20 mg/L	ND	100%
Manganese	0.26 mg/L	0.19 mg/L	0.17 mg/L	34.6%

These results clearly demonstrate the effectiveness of upstream chemical dosing combined with enhanced settling infrastructure, justifying the proposed equipment and infrastructure upgrades described below.

Proposed System Upgrades

Clear Water recommends a three-part system upgrade approach that improves chemical application, promotes effective solids separation, and optimizes hydraulic flow through the treatment process.

Chemical Dosing Control System – 290 Deck

An automated chemical dosing station (CS-10 control unit) will be installed at the 290 Deck to deliver PAX coagulant upstream of Tank 2. The dimensions of the CS-10 unit are 10' long x 8' wide. This placement provides early chemical contact and extended residence time to maximize floc development before settling occurs. The unit will use 30 amps of 208 VAC power, 3 phase.

Key features include:

- Flow-paced dosing using CompactLogix PLC with turbidity/pH inputs
- Remote control, alarm alerts, and integration with existing SCADA
- Heated, insulated container housing LMI metering pumps and secondary containment
- Includes static mixer and chemical delivery hardware for inline injection
- Communication via 900 MHz radio to allow coordinated control with ATS system
- Installation of a magnetic flow meter to enable precise chemical dosing calculations and real-time flow monitoring

This system eliminates the need for any additional chemical dosing skids at Tank 2.

Clarifier & Weir Installation – ATS Frak Tanks

To significantly improve downstream solids separation, Clear Water proposes the installation of a clarifier configuration within the existing ATS Frak tanks. This retrofit will include:

- Interior weirs designed to simulate modular plate-settler behavior, separating the tank into two cells.
- Installation of a custom clarifier, to improve suspended solids removal by promoting laminar flow and extending residence time while also reducing loading on downstream filtration by capturing heavier particles in a passive, low-energy zone
- Higher outlet port configuration to skim settled water from the tank surface rather than the bottom



Installation will require full tank emptying, interior cleaning, and confined space entry. This configuration improves the efficiency of the existing footprint while reducing the load on downstream filtration components.

Plumbing Reconfiguration – ATS Frac Tanks

Clear Water proposes targeted plumbing reconfigurations at the ATS location to improve hydraulic control, increase residence time, and enhance overall system performance. The existing dual-tank parallel configuration will be converted to a sequential “snake” layout, feeding one tank first and decanting into the second tank, which will house the retrofitted clarifier system.

Scope includes:

- Conversion from parallel to sequential tank flow, allowing the first tank to act as a flow equalization chamber and the second as a clarifier
- Installation of all-new Schedule 80 piping between ATS tanks to support the new flow path
- Integration of flexible couplings, freeze drain ports, isolation valves, and low-voltage instrumentation
- Retention of the original bypass line for contingency operations or maintenance flexibility

This plumbing reconfiguration creates a more effective flow-through system, improves settling conditions, and supports integration with the clarifier and weir upgrades, all within the existing ATS footprint.

Estimated Pricing, Timeline & Assumptions

Table 2. Estimate of Probable Costs	
Line Item	Cost Estimate
Submittals: O&M Manual, Additional Training	\$2,900.00
CS-10 Dosing Control System Pilot (290 Deck)	\$28,000.00
CS-10 Dosing Control System Pilot Power Conversion (290 Deck)	\$3,480.00
6" Magnetic Flow Meter	\$5,505.00
ATS Weir & Clarifier Retrofit + Tank Modifications	\$97,500.00
ATS Frac Tank Plumbing Reconfiguration	\$9,000.00
Additional Treatment Requirements (Labor and Consumables Rates via Table 3)	\$100,000.00
Transport, Labor & Consumables	\$50,182.00
Total Capital Estimate	\$296,567.00



Table 3. Clear Water Staff Rates	
Role/Position	Hourly Rate
Executive/Principal	\$210
Senior Project Manager	\$175
Project Manager	\$145
Project Engineer/Scientist	\$125
PLC / Controls Technician	\$130
Field Supervisor	\$130
Treatment Technician	\$120
Chemical Consumables	
PAX Alum Coagulant	\$3,367/Tote
BHR-P50 Alum Coagulant	\$2,850/Tote

Schedule

- Equipment lead time
 - CS-10 delivery and plumbing modifications: 2-3 weeks from notice to proceed
 - Drop-in clarifier: 6-8 weeks from notice to proceed
- Site installation and startup: 5–7 working days
- Clarifier and plumbing work to be staged with operational tank availability

Payment Terms

- 50% deposit due at NTP (capital scope only)
- 50% due at equipment delivery
- Installation and O&M billed separately by milestone or monthly percent complete

Key Assumptions

- Power to be provided by COSB; generator included at dosing station
- Confined space access and excavation support by COSB
- Low-voltage conduit for instrumentation to be available
- Standard NEMA 3R electrical enclosures assumed; upgrades available as add-on
- Permitting, OCIP, retention, and bonding are excluded++

Warranty

Clear Water's proposal includes all NEW equipment. As such, Clear Water is pleased to offer a Warranty on all treatment system components for two (2) years as of the date of installation, given the recommended preventative maintenance is performed routinely and under the supervision of Clear Water trained personnel. Additional labor, as performed by Clear Water personnel, to replace any component under this Warranty will also be covered for a period of two (2) years from the installation date. Acts of God, Negligence, and owner/operator error or failure to perform maintenance in accordance with the operations and maintenance manual will void this Warranty.



CLOSING

Clear Water Services appreciate the opportunity to support your project and future water treatment needs. If you have any questions or concerns regarding this proposal, please contact the Clear Water contacts listed below or visit our website (www.clearwaterservices.com) for more details.

Kristine Sommer

Director, Business Development

C: 661-878-1450

Kristine.sommer@Clearwaterservices.com

Bridget Deyeso

Project Manager

C: 603-218-9826

Bridget.deyeso@Clearwaterservices.com

Attachment 1: Estimate of Probable Costs



Customer Information:

Taiguas Landfill - Santa Barbara County, CA
ATTN: Christina Wilder
cwilder@countyofsb.org

Estimate Information:

Estimate #: CAI24GEOSB
PO #:
Date: July 17, 2025
Sales Rep: Kristine Sommer
Term (Days): 30

Project Information:

Taiguas Landfill - Santa Barbara County, CA
Treatment System Upgrades; 2025
Tank 2 Dosing System & ATS Frac Tank Modifications

Task/Description		Quantity	Unit	Unit Price	Estimated Project Cost	Notes
Submittals, Permitting and Engineering Support						
Submittals	O&M Manual	1	EST	\$ 1,740	\$ 1,740	O&M revisions for system modifications. Billed at actual hours at \$145/hr.
	Additional Training	1	EST	\$ 1,160	\$ 1,160	Additional treatment system training.
	Engineering & Design Support	As Req'd	HR	\$ 145		Drawings, Sizing and Controls Engineering for development of O&M
Task Total					\$ 2,900	
Equipment Capital						
Chemical Dosing System (290 Deck)	Pilot System	1	EST	\$ 28,000	\$ 28,000	Dosing system includes CS-10 control unit with integrated PLC, LMI metering pumps, static mixer, insulated housing, magnetic flow meter, SCADA communication, and backup generator.
	Pilot System Power Conversion	1	EST	\$ 3,480	\$ 3,480	
	6" Magnetic Flow Meter	1	EA	\$ 5,505	\$ 5,505	
Frac Tank Modifications	Clarifier and Weir Fabrication	1	EA	\$ 97,500	\$ 97,500	Includes internal baffling and weir retrofit within ATS Frac tank to create defined settling zones and improve solids separation. Clarifier layout based on treatability findings.
	Plumbing Reconfiguration	1	EA	\$ 9,000	\$ 9,000	Reconfigures existing dual-tank setup from parallel to sequential ("snake") flow; Schedule 80 HDPE with flexible couplings, freeze drains, and instrumentation. Bypass line retained.
Contingency	Additional Treatment Requirements	1	EST	\$ 100,000	\$ 100,000	Contingency budget for additional treatment requirements: T&M Labor, Consumables, Treatment Chemicals, etc.
Task Total					\$ 243,485	
Treatment System Delivery, Installation & Commissioning						
Mobilization, Setup & Commissioning	Equipment Transport	1	EST	\$ 1,750	\$ 1,750	Covers shipment of CS-10 dosing unit, weir assemblies, and all associated appurtenances.
	Forklift Rental	1	EA	\$ 2,450	\$ 2,450	1-week rental for forklift for plumbing reconfiguration
	Labor: Chemical Dosing System Install	1	EST	\$ 24,220	\$ 24,220	Includes field installation of dosing system, plumbing tie-ins, programming of PLC/HMI, system integration with existing SCADA, startup support, and on-site testing.
	Labor: Frac Tank Plumbing Reconfiguration	1	EST	\$ 15,545	\$ 15,545	
Consumables	PAX Alum Coagulant	1	EA	\$ 3,367	\$ 3,367	Alum included for startup inventory only. Ongoing dosing will use PAX and BHR-P50 (P50), based on treatability recommendations.
	BHR-P50 Alum Coagulant	1	EA	\$ 2,850	\$ 2,850	
Task Total					\$ 50,182	

Sub-Totals	Submittals & CM	\$ 2,900	No state sales tax included.
	Capital Equipment	\$ 243,485	
	Set-Up	\$ 50,182	
	Sub-Total	\$ 296,567	
	Sales Tax (7.75%)	\$ 22,984	
Total	Project Total	\$ 319,551	

Exclusions:	System Power, Demobilization, System Reconfiguration and/or Upgrade Costs, Prevailing Wage, Buy American
Estimate valid for 30 days. Typical equipment Lead Time 2-3 weeks for CS-10 installation and 6-8 weeks for clarifier installation from receipt of down payment. Due to supply chain issues outside our control Clear Water will update equipment lead times upon NTP.	

Typical Payment Terms:	1) 50% Deposit Due upon Notice to Proceed 2) 50% Due Upon Equipment Delivery 3) System mobilization billed as needed during mobilization period, phased billing until 100% system installation is complete. NET 30. 1% interest on balances over contracted payment terms
------------------------	---

EXHIBIT B

PAYMENT ARRANGEMENTS

Periodic Compensation

- A. For CONTRACTOR services to be rendered under this Agreement, CONTRACTOR shall be paid a total contract amount, including cost reimbursements, not to exceed **\$319,551**.
- B. Payment for services and /or reimbursement of costs shall be made upon CONTRACTOR's satisfactory performance, based upon the scope and methodology contained in **EXHIBIT A** as determined by COUNTY.
- C. Monthly, CONTRACTOR shall submit to the COUNTY DESIGNATED REPRESENTATIVE an invoice or certified claim on the County Treasury for the service performed over the period specified. These invoices or certified claims must cite the assigned Board Contract Number. COUNTY REPRESENTATIVE shall evaluate the quality of the service performed and if found to be satisfactory shall initiate payment processing. COUNTY shall pay invoices or claims for satisfactory work within 30 days of receipt of correct and complete invoices or claims from CONTRACTOR.
- D. COUNTY's failure to discover or object to any unsatisfactory work or billings prior to payment will not constitute a waiver of COUNTY's right to require CONTRACTOR to correct such work or billings or seek any other legal remedy.

EXHIBIT C

Indemnification and Insurance Requirements (For Professional Contracts)

INDEMNIFICATION

CONTRACTOR agrees to indemnify, defend (with counsel reasonably approved by COUNTY) and hold harmless COUNTY and its officers, officials, employees, agents and volunteers from and against any and all claims, actions, losses, damages, judgments and/or liabilities arising out of this Agreement from any cause whatsoever, including the acts, errors or omissions of any person or entity and for any costs or expenses (including but not limited to attorneys' fees) incurred by COUNTY on account of any claim except where such indemnification is prohibited by law. CONTRACTOR'S indemnification obligation applies to COUNTY'S active as well as passive negligence but does not apply to COUNTY'S sole negligence or willful misconduct.

NOTIFICATION OF ACCIDENTS AND SURVIVAL OF INDEMNIFICATION PROVISIONS

CONTRACTOR shall notify COUNTY immediately in the event of any accident or injury arising out of or in connection with this Agreement. The indemnification provisions in this Agreement shall survive any expiration or termination of this Agreement.

INSURANCE

CONTRACTOR shall procure and maintain for the duration of this Agreement insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the CONTRACTOR, its agents, representatives, employees or subcontractors.

A. Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. **Commercial General Liability (CGL):** Insurance Services Office (ISO) Form CG 00 01 covering CGL on an "occurrence" basis, including products-completed operations, personal & advertising injury, with limits no less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate.
2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering, Code 1 (any auto), or if CONTRACTOR has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
3. **Workers' Compensation:** Insurance as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease. ***(Not required if CONTRACTOR provides written verification that it has no employees)***
4. **Professional Liability:** (Errors and Omissions) Insurance appropriate to the CONTRACTOR'S profession, with limit no less than \$2,000,000 per occurrence or claim, \$2,000,000 aggregate.

If the CONTRACTOR maintains broader coverage and/or higher limits than the minimums shown above, the COUNTY requires and shall be entitled to the broader coverage and/or the higher limits maintained by the CONTRACTOR. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the COUNTY.

B. Other Insurance Provisions

The insurance policies are to contain, or be endorsed to contain, the following provisions:

1. **Additional Insured** – COUNTY, its officers, officials, employees, agents and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the CONTRACTOR including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the CONTRACTOR'S insurance at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 forms if later revisions used).
2. **Primary Coverage** – For any claims related to this contract, the CONTRACTOR'S insurance coverage shall be primary insurance primary coverage at least as broad as ISO CG 20 01 04 13 as respects the COUNTY, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the COUNTY, its officers, officials, employees, or volunteers shall be excess of the CONTRACTOR'S insurance and shall not contribute with it.
3. **Notice of Cancellation** – Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the COUNTY.
4. **Waiver of Subrogation Rights** – CONTRACTOR hereby grants to COUNTY a waiver of any right to subrogation which any insurer of said CONTRACTOR may acquire against the COUNTY by virtue of the payment of any loss under such insurance. CONTRACTOR agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation, but this provision applies regardless of whether or not the COUNTY has received a waiver of subrogation endorsement from the insurer.
5. **Deductibles and Self-Insured Retention** – Any deductibles or self-insured retentions must be declared to and approved by the COUNTY. The COUNTY may require the CONTRACTOR to purchase coverage with a lower deductible or retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.
6. **Acceptability of Insurers** – Unless otherwise approved by Risk Management, insurance shall be written by insurers authorized to do business in the State of California and with a minimum A.M. Best's Insurance Guide rating of "A- VII".
7. **Verification of Coverage** – CONTRACTOR shall furnish the COUNTY with proof of insurance, original certificates and amendatory endorsements as required by this Agreement. The proof of insurance, certificates and endorsements are to be received and approved by the COUNTY before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the CONTRACTOR'S obligation to provide them. The CONTRACTOR shall furnish evidence of renewal of coverage throughout the term of the Agreement. The COUNTY reserves the right to require complete, certified copies of all required

insurance policies, including endorsements required by these specifications, at any time.

8. **Failure to Procure Coverage** – In the event that any policy of insurance required under this Agreement does not comply with the requirements, is not procured, or is canceled and not replaced, COUNTY has the right but not the obligation or duty to terminate the Agreement. Maintenance of required insurance coverage is a material element of the Agreement and failure to maintain or renew such coverage or to provide evidence of renewal may be treated by COUNTY as a material breach of contract.
9. **Subcontractors** – CONTRACTOR shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and CONTRACTOR shall ensure that COUNTY is an additional insured on insurance required from subcontractors.
10. **Claims Made Policies** – If any of the required policies provide coverage on a claims-made basis:
 - i. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
 - ii. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of contract work.
 - iii. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the CONTRACTOR must purchase “extended reporting” coverage for a minimum of five (5) years after completion of contract work.
11. **Special Risks or Circumstances** – COUNTY reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

Any change requiring additional types of insurance coverage or higher coverage limits must be made by amendment to this Agreement. CONTRACTOR agrees to execute any such amendment within thirty (30) days of receipt.

Any failure, actual or alleged, on the part of COUNTY to monitor or enforce compliance with any of the insurance and indemnification requirements will not be deemed as a waiver of any rights on the part of COUNTY.