

**Master City of San José Consultant Agreement
Approved Service Order
(Non-Capital Projects)**

Cover Page

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- 1a.** Intentionally Omitted **1b.** AC Contract No.: 32001 (GILES OC-000369)
- 2.** Approved Service Order No. 18
- 3.** Consultant's Name: Cornerstone Earth Group, Inc. ("Consultant")
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- 4.** Project Name: Story Road Landfill Groundwater Monitoring, Well Repair and Drum Disposal ("Project")
- 5.** Project Location: Terminus of Remillard Court
- 6.** The Consultant and the City will implement this Approved Service Order in accordance with the Master Agreement, this cover page and Attachments "A" (Tasks), "B" (Terms and Conditions), and "C" (Compensation Table), which are incorporated herein by references.
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- 7. Budget/Fiscal:**
- | | | |
|---|----|---------|
| a. Current unencumbered amount in Master Agreement: | \$ | 612,637 |
| b. Maximum Service Order Compensation for this Approved Service Order: | \$ | 72,172 |
| c. New unencumbered balance in Master Agreement (7.a – 7.b): | \$ | 540,465 |

- d. Appropriation Certification:** I certify that an unexpended appropriation in the amount of the Maximum Service Order Compensation is available in the following fund(s) and that such fund(s) will be encumbered to pay for this Approved Service Order.

Fund: 001 Appn: 4089 RC: 032683 Amount: \$72,172

Authorized Signature: _____ **Date:** _____


Sean Monlux
Email: sean.monlux@sanjoseca.gov
Date: 07/26/2022 GMT

- 8. Division Analyst Approval:** _____ **Date:** _____


Sanjay Krishnaswamy
Email: sanjay.krishnaswamy@sanjoseca.gov
Date: 07/26/2022 GMT

- 9. Consultant Approval:** _____ **Date:** _____


Cheiny
Email: cheiny@cornerstoneearth.com
Date: 07/26/2022 GMT

- 10. Approval as to Form (City Attorney):**

Service Order Form Approved by the Office of the City Attorney
(Maximum Service Order Compensation is \$100,000 or less, and the provisions of the service order form are not altered.)

Approved as to Form: _____ Date: _____
(Sr.) Deputy City Attorney

11. City Director Approval: _____ Date: _____

Napp Fukuda

Email: napp.fukuda@sanjoseca.gov
Date: 07/27/2022 GMT

Attachment A: Tasks

The Consultant shall provide the services and deliverables set forth in this **Attachment A**. The Consultant shall provide all services and deliverables required by this **Attachment A** to the satisfaction of the City's contract manager.

General Description of Project for which Consultant will Provide Services: The Story Road Landfill (site or landfill) is located along Remillard Court, near the intersection of Coyote Creek and Highway 280, in San Jose, California. The closed landfill covers approximately 60 acres and is owned and maintained by the City of San Jose (City). The landfill operated from approximately 1957 until 1970, when the landfill was closed with a soil cover.

Monitoring and compliance activities are currently conducted at the landfill under Water Board Waste Discharge Requirements (WDR) Order No. R2-2003-0086 and Site Cleanup Requirements (SCR) Order No. R2-2007-0049. The Site Management Plan (SMP) requirements under each of these Orders require the semi-annual monitoring of eighteen (18) monitoring wells, three (3) extraction wells, two (2) surface water sampling points, four (4) stream gauges, and five (5) leachate wells. The current points are monitored for water levels and the laboratory analytical parameters in accordance with the Orders. Monitoring events are conducted during the 1st and 3rd quarters of each year, and the respective SMP semi-annual reports are submitted by June 30th and January 31st of each year.

During the first semi-annual 2022 monitoring event, Consultant's field sampler observed several wellheads that required repair or were missing miscellaneous parts and encountered new obstructions in three of the monitoring wells that prevented sample collection. This service order will address these identified items to facilitate future sample collection.

The purpose of this service order is to provide monitoring and reporting services in accordance with Water Board WDR Order No. R2-2003-0086 and SCR Order No. R2-2007-0049. In addition, Consultant will engage a contractor for wellhead repair activities.

Task No. 1: Groundwater and Surface Water Monitoring

- A. Services:** Prior to sample collection, depth to water and free product (where observed) will be measured to the nearest 0.01 foot using an interface probe at twenty (20) groundwater monitoring wells, three (3) groundwater extraction wells (if accessible), five (5) leachate wells, and four (4) stream gauges. The depth to water measurements will be performed at the beginning of the sampling event as to collect synoptic measurements from the site.

After water level measurements are collected, samples will be collected at eighteen (18) groundwater monitoring wells, extraction wells EW-1 and EW-3, four (4) leachate wells, and two (2) surface water sampling points (SSP-1 and SSP-2). Extraction well EW-4 has been excluded from the sampling plan since this well has been dry since 2013. Samples will also not be collected from monitoring well MW-10 or stream gauge points SG-1R, SG-2R, SG-3, and SG-4 since the WDRs and SCRs only require water level measurements. Monitoring well MW-5R is also not included since free product is typically observed within the well.

For consistency with prior monitoring events, all monitoring wells will be purged and sampled using conventional well sampling methods. The wells will be purged prior to sampling by removing at least three well casing volumes of water using a disposable bailer. Well purging at extraction well EW-1 will not be required if the well is actively being pumped. All purge water will be contained within drums, and then disposed of off-site. During purging activities, the field parameters pH, specific conductivity, turbidity, and temperature will be measured at regular intervals using calibrated field equipment. Note

that if a well purges dry, a sufficient volume of water will be allowed to recharge in the well, and then the well will be immediately sampled.

The monitoring and extraction wells will be sampled after purging by filling the sampling containers using a disposable bailer. Extraction well EW-1, if actively pumping, will be sampled by filling the sampling containers from a sampling port within the treatment building. Samples will be collected from the surface water monitoring points by directly filling the sampling containers at each point. All samples will be collected in laboratory-provided clean sample bottles (pre-preserved where appropriate). The sample bottles will be labeled with the sample point identification, date, time, sampler name, and analytical method. All samples will be placed in a chilled ice chest and transferred to the project laboratory under chain of custody control.

All sampling equipment will be decontaminated prior to the start of the event. All disposable sampling equipment will be discarded after the collection of a sample and new equipment will be used to collect the next sample. All non-disposable equipment will be decontaminated after sample collection. Decontamination will consist of washing the equipment with a solution of a biodegradable soap (e.g., Liquinox®) and distilled or deionized water, and then completely rinsing with distilled or deionized water. All decontamination rinsate will be contained and disposed of with the monitoring well purge water.

Consultant assumes that the site and wells will be accessible for sampling. Consultant will contact the City prior to the sampling event to obtain site access. Similar to previous monitoring periods, Consultant assumes that the City will perform the standard inspections, groundwater system operation, maintenance, and monitoring of the flow rate and operational time.

B. Deliverable: The Consultant will provide the following to the City's Contract Manager: None.

C. Completion Time: The Consultant must complete the services and deliverables for this task in accordance with whichever one of the following time is marked:

On or before the following date: August 31, 2022 for 1st Monitoring Event and February 28, 2023 for 2nd event.

On or before ____ Business Days from _____.

Task No. 2: Laboratory Analysis

A. A. Services: The up to eighteen (18) samples from the monitoring wells, two (2) samples from extraction wells, four (4) leachate wells and two (2) samples from the surface water sampling points will be analyzed for the following parameters:

- Volatile organic compounds (VOCs) (EPA Method 8260B)
- Gasoline range total petroleum hydrocarbons (TPHg) (EPA Method 8015B)
- Diesel range total petroleum hydrocarbons (TPHd) (EPA Method 8015B) with silica gel cleanup
- Total suspended solids (TSS) (Test Method SM 2540D)
- Total dissolved solids (TDS) (Test Method SM 2540C)
- Total organic carbon (TOC) (Test Method SM 5310C)
- Ammonia as Nitrogen (EPA Test Method 350.1)
- Total Kjeldahl Nitrogen (EPA Test Method 351.2)
- Nitrate as Nitrogen, unionized nitrogen, chloride, and sulfate (EPA Test Method 300.0)
- Laboratory Specific Conductivity (Test Method SM 2510B)

As required in the Order, quality assurance / quality control (QA/QC) samples will be submitted to the laboratory to assess the sampling and/or sample transport environment's effect on the analytical results

and to help evaluate the accuracy of the laboratory methods. The following QA/QC samples will be submitted to the laboratory:

- One duplicate sample will be collected from a randomly selected monitoring well and analyzed for the complete set of analytical parameters listed above.
- One field blank sample will be collected by pouring deionized water into three 40-milliliter laboratory-provided containers. The field blank sample will be analyzed for VOCs.
- One equipment blank sample will be collected by pouring deionized water over the decontaminated sampling equipment and into after decontamination and analyzed for VOCs.
- One laboratory-provided trip blank sample will be submitted for each day of sampling and analyzed for VOCs. Consultant is anticipating up to three days of sample collection for each sampling event.

Consultant will request a standard 10-day laboratory response time. Upon receipt of the field documentation (water levels and field parameters) and the laboratory data, Consultant will evaluate and compile the data and communicate the initial results to the City.

B. Deliverable: The Consultant will provide the following to the City's Contract Manager: None.

C. Completion Time: The Consultant must complete the services and deliverables for this task in accordance with whichever one of the following time is marked:

- On or before the following date: _____.
- On or before 21 Calendar Days from Task 1 completion.

Task No. 3: Report

A. Services: Consultant will prepare a First Semi-Annual 2021 Self-Monitoring Program Report per the requirements listed in Water Board WDR Order No. R2-2003-0086 and SCR Order No. R2-2007-0049. The reports will include the following:

- A summary of all environmental media monitoring, standard observations, and facility inspections.
- A discussion of the field and laboratory results including data evaluation and conclusions, and recommendations.
- A discussion that includes a description and history of the site, geology, hydrogeology, and relevant previous reports or investigations.
- Tabular presentation of the: (1) monitoring well and surface water monitoring network that includes construction details (if applicable) and coordinates; (2) groundwater and surface water measurements and calculated elevations; (3) horizontal and vertical groundwater gradients; (4) free product measurements and calculated thicknesses; (5) current and historical analytical results; (6) current groundwater extraction rate and total volume extracted; and (7) calculated mass of selected contaminants removed by the extraction system.
- Graphical presentation of: (1) the locations of all monitoring points; (2) groundwater piezometric surface maps for the upper and lower transmissive zones; (3) concentration maps for selected contaminants in groundwater and surface water; (4) concentration versus time graphs for selected contaminants of concern at selected well locations; and (5) geologic cross-sections showing the water bearing zone, sample locations, and extent of contamination.

Consultant assumes that the City can provide documentation from the standard observation inspections, extraction system monitoring (flow volumes/rates and uptime/downtime), and any other relevant monitoring documentation that should be discussed in the report. Consultant can provide guidance as to what information will be needed for the report.

The semi-annual report will include sampling field forms, laboratory reports, and inspection forms (if provided by the City).

Upon completion of the above items, Consultant will provide the City a draft report for review and comment at least 2 weeks prior to the reporting deadlines. Consultant will address any comments and then prepare final reports for submittal to the Water Board. If requested, one printed copy will be produced for submittal to the Water Board and the remaining report copies will be distributed electronically, unless the City or Water Board requests additional paper copies.

Consultant will also upload the final reports and data to the State of California's Geotracker website.

B. Deliverable: The Consultant will provide the following to the City's Contract Manager: Report.

C. Completion Time: The Consultant must complete the services and deliverables for this task in accordance with whichever one of the following time is marked:

On or before the following date: January 31, 2023 for 1st Monitoring Report and July 31, 2023 for 2nd Monitoring Report.

On or before ____ Business Days from _____.

Task No. 4: Monitoring Wellhead Repair

A. Services: Consultant will engage a contractor with wellhead repair experience to address the deficiencies noted during the first semi-annual 2022 monitoring event as follows:

- LW-1: Remove and replace protective well monument and attempt to clear debris obstructing well casing.
- LW-4: Repair damaged well casing, replace protective well monument, and attempt to clear debris obstructing well casing.
- EX-4: Cut welds on vault lid (if not already performed by the City).
- MW-1R: Use a downhole video camera to view condition of well casing and cause of obstruction encountered during the most recent sampling event.

The downhole video obtained from well MW-1R will be recorded for later viewing. If the video identifies an obstruction that can be addressed by field personnel, then this obstruction will be addressed during implementation of this scope of work. Otherwise, Consultant will communicate the results of the downhole video inspection and the recommended options for addressing the issue(s) identified.

Consultant will provide an email update following completion of this scope of work. Documentation related to these repairs, such as photographs, videos, and/or field logs, will be provided in this email. The completed repairs will also be documented in the next semi-annual Self-Monitoring Report submitted to the California Regional Water Quality Control Board (Water Board).

B. Deliverable: The Consultant will provide the following to the City's Contract Manager: None.

C. Completion Time: The Consultant must complete the services and deliverables for this task in accordance with whichever one of the following time is marked:

On or before the following date: September 1, 2022.

On or before ____ Business Days from _____.

Task No. 5: Groundwater Drum Disposal

- A. Services:** Remove nine (9) 55-gallon drums of non-hazardous water collected from groundwater monitoring event. Drums will be transported to a licensed disposal facility for disposal under proper waste profiling and any other documentation required by the disposal facility.

- B. Deliverable:** The Consultant will provide the following to the City's Contract Manager: None.

- C. Completion Time:** The Consultant must complete the services and deliverables for this task in accordance with whichever one of the following time is marked:
 - On or before the following date: _____.
 - On or before 60 Business Days from the completion of each sampling event.

Attachment B: Terms and Conditions

1. **City's Contract Manager:** The City's contract manager for this Approved Service Order is:

Name: Geoff Blair	Phone No.: 408-975-2576
Department: Environmental Services	Email: Geoffrey.Blair@sanjoseca.gov
Address: 200 E. Santa Clara Street, San José, CA 95113	

2. **Consultant's Contract Manager and Other Staffing:** Identified below are the following: (a) the Consultant's contract manager for this Approved Service Order, and (b) the Consultant(s) and/or employee(s) of the Consultant who will be principally responsible for providing the services and deliverables. ***If an individual identified below does not have a current Form 700 on file with the City Clerk for a separate agreement with the City, and is required to file a Form 700, the Consultant must comply with the requirements of Subsection 17.2 of the Master Agreement, entitled "Filing Form 700."***

		<u>Required to File Form 700?</u>		
		Yes Already Filed (Date Filed)	Yes Need to File	No
<u>Consultant's Contract Manager</u>				
Name: Chris Heiny, Principal Geologist	Phone No.: 925-705-5063			<u>X</u>
Address: 1220 Oakland Blvd, Suite 220, Walnut Creek, CA 94596	Email: cheiny@cornerstoneearth.com			
<u>Other Staffing</u>				
<u>Name:</u>	<u>Assignment:</u>	<u>Email:</u>		
1.				
2.				
3.				

3. Subconsultants: Whichever of the following is marked applies to this Approved Service Order:

- The Consultant can **not** use any subconsultants.
- The Consultant can use the following subconsultants to assist in providing the required services and deliverables:

<u>Subconsultant's Name</u>	<u>Area of Work</u>
1. Blaine Tech Services, Inc.	Well Sampling and Repair
2. ACT Enviro	Drum Disposal
3. Pace Analytical	Laboratory Analysis

4. Reimbursable Expenses: If the Compensation Table set forth in **Attachment C** of this Approved Service Order states that the City will reimburse the Consultant for expenses, then only the expenses identified in Subsection 10.5.3 of the Master Agreement are Reimbursable Expenses unless the following box is marked and additional reimbursable expenses are set forth:

- In addition to the expenses identified in Subsection 10.5.3 of the Master Agreement, the following expenses are Reimbursable Expenses:

<u>Additional Reimbursable Expense(s)</u>	<u>Mark-up</u>
1. _____	_____
2. _____	_____
3. _____	_____

Notwithstanding the foregoing, any additional reimbursable expense(s) set forth in the above table will be disregarded if the Compensation Table states that the City will *not* reimburse the Consultant for any expenses.

Attachment C: Compensation Table

The City will compensate the Consultant for providing the services and deliverables set forth in **Attachment A** in accordance this Compensation Table. This Compensation Table is subject to the terms and conditions set forth in the Master Agreement, including without limitation Section 10 of the Master Agreement.

Part 1 – Compensation for Services and Deliverables						
Column 1	Column 2		Column 3			Column 4
Task Nos. from Attachment A	Basis of Compensation		Invoice Period			Compensation
1	<input type="checkbox"/> Time & Materials	<input checked="" type="checkbox"/> Fixed Fee	<input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> Completion of Task(s)	<input type="checkbox"/> Completion of Work	\$24,900 (\$12,450/event)
2	<input type="checkbox"/> Time & Materials	<input checked="" type="checkbox"/> Fixed Fee	<input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> Completion of Task(s)	<input type="checkbox"/> Completion of Work	\$23,580 (\$11,790/event)
3	<input type="checkbox"/> Time & Materials	<input checked="" type="checkbox"/> Fixed Fee	<input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> Completion of Task(s)	<input type="checkbox"/> Completion of Work	\$14,600 (\$7,300/event)
4	<input type="checkbox"/> Time & Materials	<input checked="" type="checkbox"/> Fixed Fee	<input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> Completion of Task(s)	<input type="checkbox"/> Completion of Work	\$6,500
5	<input type="checkbox"/> Time & Materials	<input checked="" type="checkbox"/> Fixed Fee	<input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> Completion of Task(s)	<input type="checkbox"/> Completion of Work	\$2,592
Part 2 – Reimbursable Expenses						
<input type="checkbox"/> No expenses are separately reimbursable. The amount(s) in Column 4 of Part 1 include(s) payment for all expenses.			<input type="checkbox"/> Expenses are separately reimbursable in the maximum amount of:			\$
Part 3 – Subconsultant Costs						
<input type="checkbox"/> Subconsultant costs are not separately compensable. The amount(s) in Column 4 of Part 1 include(s) subconsultant costs.			<input type="checkbox"/> Subconsultant costs are separately compensable in the maximum amount of:			\$

Master Agreement AC No.: 32001
Consultant: Cornerstone Earth Group, Inc.
Service Order No.: 18

Maximum Service Order Compensation (sum of Parts 1 through 3):	\$72,172
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Attachment D: Sub Consultant Schedule of Rates and Charges

Blaine Tech Services, Inc.		
Field Services		
Description	Rate	Total
Tech Hourly Rate (80 hours)	\$115 per hour	\$9200
Provide Disposable Bailer (30 hours)	\$6 each	\$180
Provide 55-Gallon Steel Drums (5 hours)	\$75 per drum	\$375
Estimated Cost Per Event	--	\$9755
ACT Enviro		
Description	Rate	Total
Non-Hazardous Waste Water, Subtitle D Landfill (3 55-gal drums)	\$67 per 55-gal drum	\$501
Labor and Loading (3 hours)	\$105 per hour	\$315
Taxes and Fees	--	\$48
Total Cost	--	\$864
Description	Rate	
Cancellation Fee <24 hours' notice or <1 Business Day	Minimum Charge of \$350.00 or Cost of Labor/Equipment/Materials for 1st day of work, whichever is greater	
Rush Pickups or Projects <24 hours' notice or <1 Business Day	Minimum Fee of \$350.00 plus additional charges for service	
Over Pack Surcharge	\$150.00 plus cost of over pack or more	
Return Drum Fee	\$250.00 per occurrence or more	
Manifest Correction Fee	\$75.00 per occurrence of more	
Off Spec Fees	TBD based on material shipped	
Environmental Surcharge (Energy, Insurance, and Facility Maintenance)	12% Additional Fee on Invoice Total Amount	
Emergency Response	Premium Price Fees Apply	
Single Services or Project Related Work	50% deposit for the total project cost upon mobilization and final balance due 15 days after receipt of the final invoice	
Non-Specified Container Conversion		
Container Size	Conversion	
01-05 gallon	35%	
06-15 gallon	50%	
16-30 gallon	75%	
31-55 gallon	1x	
Cubic Yard Boxes	4x	
250-275 gallon totes	5x	
330-350 gallon totes	6x	
Conversion Notes	<ul style="list-style-type: none"> • These conversions will be applied to all disposal and transportation items unless provides in the above or an alternative quote 	

- Numbers are expressed as a factor of a 55-gallon drum (i.e., 55-gallon price x 35% = Sell Price)
- The greater of the conversion factor or location container minimum will be applies

PACE Analytical

Organic Parameters

Parameter	Method	Rate per Sample
BTEX	8260	\$40.00
BTEX/MTBE + GRO (Gasoline Range Organics)	8260/8015	\$60.00
BTEX/MTBE + Oxygenates (reference list of oxygenates below)	8260	\$55.00
VOC's + Oxygenates	8260	\$85.00
TPHG (CA GRO) Gasoline Range Organics	5030/8015	\$35.00
TPHD (CA DRO) Diesel Range Organics	3550/8015	\$45.00
TPHD/MO (CA DRO – extended range)	8015	\$55.00
TPH (Mineral spirits, kerosene, diesel fuel, fuel oil #6, hydraulic fluid, motor oil)	8015	\$55.00
Silica Gel Cleanup	Upon Request	\$15.00
TPH Oil & Grease Hexane	1664	\$60.00
1,4 Dioxane	8260BSIM	\$90.00
1,4 Dioxane	8270SIM	\$135.00
PAH	8270SIM	\$90.00
VOC's	8260	\$80.00
SVOC's	8270	\$155.00
PCB's	8082	\$65.00
Pesticides	8081	\$85.00
Organophosphorus Pesticides	8141	\$165.00
Herbicides	8151	\$175.00
Oxygenates (ethanol, tert-butyl alcohol, tert-amyl alcohol, ethyl tert-butyl ether, diisopropyl ether, tert-amyl methyl ether)		

Air Analysis

Parameter	Method	Rate per Sample
BTEX, MTBE, TPH-GRO	M18-MOD/TO-15	\$75.00
Helium	D1946	\$60.00
Oxygen, Carbon Dioxide, Carbon Monoxide, Methane	D1946	\$85.00
Volatile Organic Compounds (Full Scan) with Batched Certified Summa Canisters and Flow Valve Controller Rental*	TO-15	\$225.00
Volatile Organic Compounds (Full Scan)	TO-15	\$175.00
Volatile Organic Compounds – Low Level SIM	TO-15 SIM	\$200.00
Individual Summa Canister Certification	--	\$100.00
1 Liter Summa Canisters/week (batch certified)*	--	\$25.00
6 Liter Summa Canisters/week (batched certified)*	--	\$25.00
Flow Controller	--	\$25.00

*A minimum of 1 week rental fee will be invoiced for all returned unused SUMMA canisters and flow controllers

TCLP/STLC Extraction Fees		
ZHE Extraction Fee	1311	\$45.00
Volatiles	8260	\$80.00
TCLP Extraction Fee	1311	\$45.00
SVOC's	8270	\$155.00
Herbicides	8151	\$165.00
Pesticides	8081	\$85.00
Metals	6010/7470	\$70.00
Full TCLP	Various	\$645.00
STLC Extraction	Title 22 EPA Wet	\$45.00
Metals Analysis		
ICP First Metal	6010/200.7	\$25.00
ICP Additional Metals	6010/200.7	\$8.00
ICP/MS First Metal	6020/200.8	\$30.00
ICP/MS Additional Metals	6020/200.8	\$10.00
LUFT 5	6010	\$55.00
RCRA 8	6010/7470/7471	\$70.00
Priority Pollutants (PPM 13)	6010/7470/7471	\$90.00
Title 22 (CAM17) metals	6010/7470/7471	\$95.00
TAL Metals	6010/7470/7471	\$120.00
Mercury	7470/7471	\$25.00
Conventional Water Parameters		
Alkalinity	310.2	\$25.00
BOD	SM5210B	\$60.00
Bromide	9056	\$22.00
Chloride	9056	\$22.00
Chromium Hexavalent (water)	7196	\$35.00
Chromium Hexavalent (soil)	3060A/7196A	\$85.00
COD	410.4	\$35.00
Color	2120B	\$25.00
Cyanide	9012	\$55.00
Fluoride	9056	\$22.00
Hardness	130.1	\$25.00
Ammonia Nitrogen	350.1	\$35.00
Nitrate	9056	\$22.00
Nitrite	9056	\$22.00
Nitrate-Nitrite	353.2	\$30.00
TKN	351.2	\$35.00
pH	9045C	\$20.00
Total Phenol	9066	\$40.00
Total Phosphorus	365.2	\$35.00

ORP	2580	\$35.00
Ferrous Ion	3500Fe	\$30.00
Dissolved Solids (TDS)	2540C	\$25.00
Settleable Solids	2540F	\$25.00
Suspended Solids	2540D	\$25.00
Total Solids	2540G	\$25.00
Volatile Solids	160.4	\$25.00
Specific Conductance	9050	\$25.00
SAR	Calc.	\$55.00
Sulfate	9056	\$22.00
Sulfide	9030B/4500-S2 D	\$55.00
Sulfite	4500-SO3B	\$45.00
MBAS	5540C	\$60.00
TOC	9060/USDA LOI	\$45.00
TOX	9020	\$190.00
EOX	9023	\$190.00
Turbidity	2130 B	\$25.00
Explosives/Perchlorates		
Perchlorates in Water	314.0 Mod	\$125.00
Nitroaromatics	8330A	\$175.00
Nitroguanidine	8330	\$140.00
Nitrocellulose	LF003/353.2MOD	\$220.00
Other Explosive Compounds Available Upon Request		
RCRA		
Ignitability	D93/1010A	\$40.00
Corrosivity	9040A	\$20.00
Reactive Sulfide	9030B/9034	\$65.00
Reactive Cyanide	9012	\$65.00
RCRA (8) Metals	6010/7470	\$90.00
Paint Filter Test	9095	\$25.00
Miscellaneous		
Composite Sample Fee Per 4 Subsamples	--	\$20.00
Dry Weight Conversion (soil samples)	--	\$5.00
Sample Disposal Charge (one per invoice)	--	\$10.00
Environmental Management Fee (one per invoice)	--	\$25.00
In Lab Dissolved Metals Filtration (per batch)	--	\$15.00
Terracores with preservative (14 day holding time)	5035	\$15.00
Minimum invoice amount	--	\$250.00
EDDs – Customer Specific	--	Call for Quote
CA EDF Geotracker	--	No Cost