

THIRD AMENDMENT TO AGREEMENT NO. 15-3362  
BETWEEN THE CITY OF LOS ANGELES AND  
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY

THIS THIRD AMENDMENT to Agreement No. 15-3362 ("Amendment") is made and entered into by and between the CITY OF LOS ANGELES, a municipal corporation ("City"), acting by and through its Board of Harbor Commissioners ("Board"), and CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY, a California corporation ("Chevron"), as follows:

WHEREAS, City and Chevron entered into Agreement No. 15-3362, a Funding Agreement regarding Monitoring Wells Near Berth 100, effective November 30, 2015 which was amended effective October 31, 2018 (Agreement 18-3362A), and a Second Amendment effective November 1, 2021 (Agreement 21-3362B) and which, unless renewed, will expire on November 30, 2024 ("Agreement"); and

WHEREAS, through the Agreement, Chevron paid for City's consultant to undertake the installation and development of post-remediation groundwater wells and conduct quarterly and semi-annual groundwater monitoring and analysis for nine (9) years in order to comply with directives issued by the Los Angeles Regional Water Quality Control Board ("Regional Board") to City and Chevron relating to soil and groundwater contamination in the vicinity of the former Chevron Marine Terminal No. 1001034, which area is now within the China Shipping Container Terminal ("Berth 100"); and

WHEREAS, the Regional Board requires that semi-annual groundwater monitoring and analysis continue beyond the expiration date of the Agreement; and

WHEREAS, the not-to-exceed costs associated with the work have been expended and need to be increased to cover the continuing groundwater monitoring and analysis;

WHEREAS, in order to minimize the administrative burden associated with the required groundwater monitoring and analysis work, the City will undertake the required activities and Chevron will pay directly to City's consultant ("Consultant") for this monitoring and analysis work; and

WHEREAS, City and Chevron desire to renew and amend the Agreement as set forth herein;

NOW THEREFORE, THE PARTIES AGREE TO AMEND AGREEMENT NO. 15-3362 A THIRD TIME AS FOLLOWS:

1. Section 1 is amended by adding at the end the following language:

"The City has also provided Chevron with its consultant/contractor's estimate dated October 7, 2024, attached as Exhibit D- Tetra Tech Cost Proposal, for performing certain work associated with ongoing Regional Board monitoring requirements ("Fourth Term Work"). As

more fully described in Exhibit D, this Fourth Term Work consists of collecting and analyzing groundwater samples on a semiannual basis, conveying the laboratory reports and field logs to Chevron, and contingency activities such as meetings.”

2. Exhibit D, Tetra Tech Cost Proposal dated October 7, 2024, is attached hereto and made part of the Agreement.

3. Section 2 is amended by replacing the first sentence with the following:

“City shall cause the work described in Exhibit A, B, C, and D to be performed by one or more of the City’s own consultants or contractors.”

4. Section 4 is amended by adding at the end the following new language:

“The cost of the Fourth Term Work shall not exceed Two Hundred Four Thousand Four Hundred Thirty-Two Dollars (\$204,432) without Chevron’s prior approval. (These not to exceed dollar amounts do not include the contingency cost of Forty-Four Thousand Five Hundred Eight Dollars (\$44,508) included in Exhibit D.) City shall seek Chevron’s approval prior to authorizing its consultant/contractor to perform any additional Fourth Term Work at Berth 100 for which City would expect payment by Chevron to the consultant/contractor, including, but not limited to, activities associated with the contingency costs.”

5. Section 6 is amended in its entirety and is replaced with the following:

“6. City has provided a copy of this Agreement, including Exhibit A, Exhibit B, Exhibit C, and Exhibit D, to its tenant, and represents that its tenant understands the scope of the work to be performed on the Property. In no event shall Chevron be responsible for any disruption to tenant’s use of the Property due to the work or Additional Work or Third Term Work or Fourth Term Work.”

6. Section 7 is amended in its entirety and is replaced with the following:

“7. This Agreement shall become effective on the date of its execution by the Executive Director of the Harbor Department following approval by the Board of Harbor Commissioners, which approval is subject to review under Section 245 of the City Charter. The term of this Agreement shall not exceed twelve (12) years, commencing on the Agreement’s effective date. This Agreement shall remain in effect until: a) cancelled by either party upon thirty (30) days’ written notice; or b) twelve (12) years has elapsed since the effective date. This Agreement may be renewed by written

agreement of the Parties. The Parties agree to use good faith efforts to renew the Agreement.”

7. Section 8 is amended in its entirety and is replaced with the following:

“8. All notices pursuant to or regarding this Agreement must be in writing and will be deemed properly given when addressed to the appropriate Party at the address set forth below. Each Party may change the contact information for notices by notice to the other Party. All such notices will be deemed to have been duly given and received upon mailing or delivery by courier or personal delivery service. Transmittal of information required by Section 1, Section 3, and Section 5 may be made by email.

To Chevron: Chevron Environmental Management Company  
Claims and Risk Management  
1500 Louisiana Avenue  
Houston, TX 77002-7308  
Attn: Claims Specialist, Facility #100-1034  
Phone: 832-854-4428  
Email: theofoster@chevron.com

To City: City of Los Angeles, Harbor Department  
Office of the City Attorney  
425 South Palos Verdes Street  
San Pedro, CA 90731  
Attn: General Counsel  
Phone: 310-732-3750  
Email: Sotera@portla.org

Except as amended herein, all remaining terms and conditions of Agreement No. 15-3362, as amended by Agreement 18-3362A, and as amended by Agreement 21-3362B shall remain in full force and effect.

This Amendment may be executed in any number of counterparts, each of which shall be deemed an original and all of which shall constitute together one and the same instrument.

Subject to the provisions of Charter Section 245, the effective date of this Amendment shall be the date of its execution by Executive Director upon authorization of the Board. Chevron is aware that the City Council, pursuant to Charter Section 245 of the City of Los Angeles, has the right to review this Amendment. Accordingly, in no event shall this Amendment become effective until the sixth Council meeting day after Board action or the City Council's approval of the Amendment.

(Signature page follows)

IN WITNESS THEREOF, the parties hereto have executed this Third Amendment to Agreement No. 15-3362 on the date to the left of their signatures.

THE CITY OF LOS ANGELES  
HARBOR DEPARTMENT

By signing below, I attest that I have no personal, financial, beneficial, or familial interest in this Agreement.

Dated: \_\_\_\_\_

By \_\_\_\_\_  
EUGENE D. SEROKA  
Executive Director

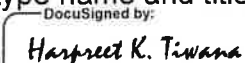
Attest \_\_\_\_\_  
AMBER M. KLESGES  
Board Secretary

CHEVRON ENVIRONMENTAL  
MANAGEMENT COMPANY

Dated: 2024-Oct-17 | 9:48 AM PDT

By:  \_\_\_\_\_  
Signed by: 008453F27420805

Scott M. Banks Assistant Secretary  
(Print/type name and title)

By:  \_\_\_\_\_  
DocuSigned by: 5093F566A32543B

Harpreet K. Tiwana Assistant Secretary  
(Print/type name and title)

APPROVED AS TO FORM AND LEGALITY

October 22, 2024  
HYDEE FELDSTEIN SOTO, City Attorney  
STEVEN Y. OTERA, General Counsel

By  \_\_\_\_\_  
JUSTIN HOUTERMAN, Deputy



Heather Benfield, P.E.  
Director/Principal-in-Charge

Ms. Paula Ly  
Environmental Management Division  
City of Los Angeles Harbor Department  
425 South Palos Verdes Street  
San Pedro, California 90733-0151

October 7, 2024

**Subject: Revised Groundwater Sampling, Data Transfer, and Technical Support Proposal, Former Chevron Marine Terminal, Berth 100, Port of Los Angeles, California; ADP# 910913-191H, Agreement No. 23-9932**

Dear Ms. Ly:

Tetra Tech is pleased to present this cost proposal to continue supporting the City of Los Angeles Harbor Department, Environmental Management Division (EMD) with groundwater monitoring activities at Berth 100, Port of Los Angeles, California (the "Site"). The Site is under Los Angeles Regional Water Quality Control Board (LARWQCB) oversight under California Water Code Section 13267 in correspondence dated July 21, 2004 issued to Chevron and the Port of Los Angeles. This cost proposal has been prepared to conduct six semi-annual groundwater monitoring events for EMD and Chevron within the active China Shipping Terminal over a period of three years, from January 2025 through December 2027.

The individual tasks have been itemized by semi-annual event per Chevron's request as follows:

- Task 1 activities conducted from January 1, 2025 through June 30, 2025
- Task 2 activities conducted from July 1, 2025 through December 31, 2025
- Task 3 activities conducted from January 1, 2026 through June 30, 2026
- Task 4 activities conducted from July 1, 2026 through December 31, 2026
- Task 5 activities conducted from January 1, 2027 through June 30, 2027
- Task 6 activities conducted from July 1, 2027 through December 31, 2027.

The scope of work for the subtasks described below will not change from year to year, unless the LARWQCB and/or Chevron modify groundwater sampling.

#### **Tasks 1.1, 2.1, 3.1, 4.1, 5.1, and 6.1 – Project Management**

In support of the project, Tetra Tech has included costs for project coordination, scheduling, subcontracting, and invoicing. It excludes any conference calls or meetings with Chevron/Arcadis and the LARWQCB. Arcadis is Chevron's current consultant for the project.

#### **Tasks 1.2, 2.2, 3.2, 4.2, 5.2, and 6.2 - Groundwater Monitoring and Sampling**

Groundwater sampling will be conducted at seven wells during the first semi-annual event and 10 wells during the second semi-annual event (known as the annual event) in accordance with the approved workplans (Leidos, 2014 and 2015), LARWQCB correspondence, and email correspondence. The first semi-annual (SA) will be conducted during the first quarter (January through March) and the second SA even will be conducted in the third quarter (July through September) of each calendar year. All wells will

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2475 El Estero Blvd., Suite 300, Palmdale, CA 91367-6029  
Tel: 818-702-1415 [www.tetrattech.com](http://www.tetrattech.com)

**EXHIBIT D**



be gauged for depth to light non-aqueous phase liquid (LNAPL) and depth to water. Following gauging activities, wells will be purged using low-flow techniques with a bladder pump equipped with an air compressor and control box. During purging, water quality parameters (groundwater drawdown, pH, electrical conductivity [EC], dissolved oxygen [DO], salinity, temperature, oxidation-reduction potential [ORP], and turbidity) will be monitored with a water quality instrument (YSI, Horiba, Hach turbidity meter, or similar) equipped with a flow-thru cell. All water quality parameters will be recorded on purge logs. Once pH, temperature, and EC have stabilized (values are within 10%), and turbidity is less than 10 nephelometric turbidity units (NTUs), purging will be considered complete and the well will be sampled. However, if the three parameters (pH, temperature, and EC) have reached stability, but turbidity remains above 10 NTUs, purging will be discontinued after one hour and the well will be sampled regardless of the turbidity value. Following purging, the groundwater samples will be collected using the bladder pump into the appropriate sampling containers for analysis by Eurofins Calscience Environmental Laboratory, Inc (Eurofins). Wells with measurable product will not be purged, but a grab groundwater sample will be collected using a new Teflon bailer. We have estimated that groundwater purging and sampling will require one 12-hour field day and one eight-hour field day for the first semi-annual event and two 12-hour field days for the second semi-annual event by three personnel to ensure that work is completed within a single two-day field event. All field personnel will hold valid a Transportation Worker Identification Credential (TWIC®). Groundwater analyses will include the following:

- Total volatile petroleum hydrocarbons (TVPH) C<sub>4</sub>– C<sub>12</sub> by USEPA Method 8015C (carbon chain fractionation)
- Total petroleum hydrocarbons (TPH) C<sub>13</sub>– C<sub>40</sub> by USEPA Method 8015C (carbon chain fractionation)
- TPH C<sub>13</sub>– C<sub>44</sub> by USEPA Method 8015C with silica gel cleanup at one well only, CCTMW-10 (the pipeline well)
- Benzene, toluene, ethylbenzene, xylenes (BTEX), tert-butyl alcohol, and naphthalene by USEPA Method 8260B for eight wells, CCTMW-2 through CCTMW-6, and CCTMW-8 through CCTMW-10
- VOCs with fuel oxygenates in two wells by USEPA Method 8260B, CCTMW-1 and CCTMW-7
- Polynuclear aromatic hydrocarbons (PAHs), by USEPA Method 8270 for two wells, CCTMW-1 and CCTMW-7
- Total lead by USEPA Method 6010B
- Methane, ethane, and ethylene by RSK 175
- Nitrate and sulfate by USEPA Method 300.0
- Ferrous Iron by field test kits due to short turnaround time
- Wells CCTMW-2, CCTMW-4, and CCTMW-5 will only be sampled in the second semi-annual event (referred to as the annual event).

Quality control/quality assurance samples include duplicate samples (10% of total analyses, minimum of 1 sample), trip blanks (TBs), field blanks (FBs), equipment blanks (EBs), and matrix spike/matrix spike duplicates (MS/MSD). EBs will be collected each day and analyzed for the same analytes as the original samples. TBs will be provided by the laboratory and will consist of 40-ml VOA vials that have been filled with organic-free (HPLC-grade) water. TBs and FBs will be analyzed only for TVPH C<sub>4</sub>-C<sub>12</sub> and VOC analyses. In the field, one sealed set of FB and TB vials will accompany the cooler set each day.

### **Tasks 1.3, 2.3, 3.3, 4.3, 5.3, and 6.3 – IDW Characterization, Profiling, Manifesting, and Disposal**

Decontamination water and purge water from groundwater sampling will be stored in one new (not reconditioned) UN/DOT 55-gallon drum for each sampling event. The drum cannot be stored within the China Shipping Terminal and will be stored off-site at the Port of Los Angeles construction trailer, located



at 379 East Swinford Street. Based upon previous IDW waste characterization and for costing purposes, we anticipate that the drums containing liquids will be characterized as non-hazardous. One composite water sample will be collected and analyzed for TVPH C<sub>4</sub>-C<sub>12</sub> and TPH C<sub>13</sub>-C<sub>40</sub> by USEPA Method 8015B, VOCs with oxygenates by USEPA Method 8260B, and Title 22 metals by USEPA Methods 6010B/7471A for waste characterization.

Tetra Tech will summarize the IDW laboratory results, compare to California and Federal waste classifications, prepare waste profile forms for review and signature approval by EMD, and provide properly completed waste manifests for EMD signature. The IDW will be disposed offsite as soon as possible to reduce costs to EMD/Chevron, and to minimize impact to the Harbor Department property. Costs include waste disposal and field coordination.

#### **Tasks 1.4, 2.4, 3.4, 4.4, 5.4, and 6.4 –Submittal of Project Data**

Tetra Tech understands that we will not be providing an evaluation of the laboratory analytical data or field data collected during groundwater monitoring. Tetra Tech will provide the groundwater monitoring data collected, which will include groundwater analytical data, waste manifests, purge and calibration logs, and photographs. The groundwater monitoring data will be submitted for review and interpretation by Chevron and Arcadis. Costs include groundwater monitoring data transfer to Chevron and Arcadis per semi-annual event including coordination with Eurofins for EDDs.

#### **Total for Tasks 1 through 6**

Task 1 (1SA2025) total is \$31,430  
Task 2 (2SA2025) total is \$34,402  
Task 3 (1SA2026) total is \$32,327  
Task 4 (2SA2026) total is \$35,645  
Task 5 (1SA2027) total is \$33,704  
Task 6 (2SA2027) total is \$36,924

Based upon previous groundwater events, field activities have been priced such that the groundwater monitoring and sampling will be conducted on weekends due to China Shipping's schedule variations. The area for waste storage will be accessible during the weekdays, thus waste disposal is not assumed to be conducted on weekends. The semi-annual groundwater monitoring events will be scheduled such that the analytical data will be submitted to Chevron approximately eight weeks prior to the LARWQCB report due date (July 15 and January 15 of each calendar year). Tetra Tech will authorize the laboratory (Eurofins) to submit the Chevron-required EDD simultaneously to Chevron, Arcadis, and Tetra Tech to expedite Chevron/Arcadis' report preparation.

The total estimated cost for Tasks 1 through 6 is \$248,940 which includes \$44,508 in contingency funding. The costs incorporate the assumptions and exclusion provided below and the assumed level of effort and detailed costs are summarized in the attached cost estimate. Contingency funding will be utilized for, but is not limited to use for well lid replacements and meetings with Chevron, Arcadis, and/or the LARWQCB. Additional funds will be requested for activities that exceed the contingency funding budget and work will commence after approval of the additional funding is received.

The current proposed costs reflect premium rates for work conducted on weekends. Due to the nature of this project, limited small business enterprises (SBEs) have been incorporated as the laboratory selected by Chevron is an other business enterprise (OBE); however Tetra Tech remains committed to the Harbor Department's SBE program to incorporate SBEs at 25% and very SBEs at 5% or more of the total costs.



**TETRA TECH**

Subcontractor	% of Total Budget	Subcontractor Cost
Belshire Environmental (SBE)	3.5%	\$7,068
Eurofins Calscience, Inc. (OBE)	17.9%	\$36,625
<b>Total</b>	<b>21.4%</b>	<b>\$43,693</b>

Tetra Tech will notify the Port if the budget requires adjustment during the project. Please do not hesitate to contact Ms. Heather Benfield at (626) 470-2415 or Ms. Rachel Lorton at (626) 470-2422 with any questions or comments. Tetra Tech appreciates the opportunity to continue supporting EMD.

Sincerely,

Heather Benfield

Attachment: Cost Breakdown

cc: Rachel Lorton

**Cost Assumptions and Exclusions:**

1. Only the analyses listed above in the groundwater sampling tasks will be required. Only the ten existing project wells will be sampled.
2. All groundwater purge and decontamination water will be free of LNAPL and LNAPL sheen.
3. The pipeline well, CCTMW-10, will not be sampled for a duplicate. The duplicate sampling will take place at one of the other nine wells onsite.
4. The offsite transportation and disposal costs for all IDW are estimated and actual rates will be obtained for each event. Tetra Tech will notify the Port and Chevron of any cost increases.
5. Costs for free product recovery and disposal are not included. If it becomes necessary to conduct free product recovery on any well, then Tetra Tech will notify EMD and Chevron. Additional costs will be submitted for approval prior to conducting any LNAPL recovery unless approved in real-time during groundwater monitoring event.
6. Laboratory rates and unit costs are based upon Tetra Tech's rates with Eurofins with 4% escalation each calendar year and include charges for both Equis EDDs and GeoTracker EDD along with sample disposal charges. If Eurofins rates are modified or Eurofins incorporates any other charges (sample pickup, sample bottleware delivery, cooler charges, etcetera, then EMD and/or Chevron will reimburse Tetra Tech at cost plus 5% markup.
7. The IDW staging area on Swinford Street next to the Port of Los Angeles Construction trailer will not be relocated. If the IDW staging area requires relocation, then costs to relocate the staging area will be submitted for approval.
8. Tetra Tech invoices will be prepared in accordance with the current agreement between Tetra Tech and the City of Los Angeles Harbor Department. Chevron accepts the invoices for Tasks 1 through 6 as submitted and will not require any changes or substantial inquiries (inquires that require more than 0.25 hours of Tetra Tech's administrative time to respond per invoice). With respect to invoices for work that requires contingency funding, Tetra Tech will work cooperatively to address reasonable invoice inquiries from Chevron. However, in the event Tetra Tech's administrative time responding to Chevron's inquiries exceeds 0.25 hours per invoice, then Tetra Tech will request approval from Chevron for additional compensation of the administrative time necessary to respond to the inquiry, where such compensation is reasonable and consistent with industry standard.





9. Labor rates developed in this proposal are based upon the contractual rates in the Tetra Tech-City of Los Angeles Harbor Department Agreement No. 20-2399 through February 6, 2026 with 3% escalation commencing February 7, 2026 and 2027. Actual rates may vary and Tetra Tech will notify the Port and Chevron if adjustments need to be made for future costs.
10. Due to uncertainty in access to Berth 100 terminal, costs assume that the first semi-annual 2025 event will be conducted after February 7, 2025 and will use new contract rates for Tetra Tech and Tetra Tech's subcontractors and suppliers.
11. All rates for rental equipment and field supplies including iron test kits are estimated based upon October 2024 rates. If rates increase but cumulatively, Tetra Tech is within its estimated costs for each semi-annual event, then no cost modification will be requested.

**References:**

Los Angeles Regional Water Quality Control Board, RE: Former Chevron Marine Terminal, 1540 Swinford Street, San Pedro, California, 90731 (SCP No. 1150, Site ID No. 2040150, December 7, 2021.

Leidos (2014). Site Assessment Work Plan. Chevron Site No. 35-9459, Former Chevron Pipeline Corridor, San Pedro, CA. October 30, 2014.

Leidos (2015). Addendum to Workplan for Groundwater Monitoring Assessment, Well Installation, and Sampling. Former Catalina Cruise Terminal, Port of Los Angeles, Berth 95 (Former Chevron Marine Terminal Site No. 100-1034, Port of Los Angeles B100), San Pedro, CA. March 6, 2015.

Conference calls and email correspondence with Chevron Project Manager, Mr. Jim Haslett, on February 12 2016, March 8, 2016, April 28, 2016, April 4, 2017, and April 21, 2017; and with Chevron Project Manager, Mr. Tim Molitor, February 24, 2022, and with Arcadis Project Manager, Ms. Alison Harmon on April 7, 2022.

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
<b>Task 1. First Semi-Annual 2025 Groundwater Monitoring (January 1, 2025 through December 31, 2025)</b>						
<b>Task 1.1 Project Management (January 1, 2025 through June 30, 2025)</b>						
<i>Labor</i>						
Director	\$240.00	/hr	4.0	\$960.00		
Senior Engineer II	\$168.00	/hr	7.5	\$1,260.00		
Contract Administrator III	\$110.00	/hr	8.0	\$880.00		
					<b>Total for Task 1.1</b>	<b>\$3,100.00</b>
<b>Task 1.2 Groundwater Sampling Activities (1SA2025)</b>						
<i>Labor</i>						
Director	\$240.00	/hr	4.0	\$960.00		
Senior Engineer II	\$168.00	/hr	8.0	\$1,344.00		
Project Scientist I	\$130.00	/hr	22.0	\$2,860.00		
Environmental Technicians III (Weekend 1.5)	\$159.00	/hr	36.0	\$5,724.00		
Environmental Technicians III (Weekend Overtime 2.0)	\$212.00	/hr	8.0	\$1,696.00		
<i>Other Direct Costs (ODCs)</i>						
Turbidity Meter - Sampling (Tt owned)	\$11.00	/day	2.0	\$22.00		
Interphase Probe (Tt owned)	\$11.00	/day	2.0	\$22.00		
MiniRae or MultiRAE/4-Gas meter (Tt owned)	\$28.00	/day	2.0	\$56.00		
Bladder pump (Tt owned Two controllers and two pumps)	\$120.00	/day	2.0	\$240.00		
Generator (Tt owned)	\$29.00	/day	2.0	\$58.00		
Digital Camera (Tt owned), 2 cameras	\$3.00	/day	2.0	\$6.00		
YSI ProPlus (Onsite Rental), 2 meters	\$319.74	/day	2.0	\$639.48		
Turbidity Meter - Sampling (Onsite rental)	\$60.64	/day	2.0	\$121.28		
Onsite Delivery Charge	\$45.00	/delivery	1.0	\$45.00		
Interphase Probe (Onsite rental)	\$60.64	/day	2.0	\$121.28		
Compressor (Onsite rental)	\$71.67	/day	2.0	\$143.34		
Magnetic Manhole Lift Rental (Pine rental)	\$73.85	/day	2.0	\$147.70		
Pine Delivery Charge (estimated)	\$25.00	/delivery	1.0	\$25.00		
Pump tubing and bladders	\$280.00	LS	1.0	\$280.00		
Field Supplies (PPE, towels, ice, decontamination and drinking water, etc.)	\$60.00	/day	2.0	\$120.00		
Tetra Tech (Tt) Pasadena Owned Vehicles, 3 vehicles	\$351.00	/day	2.0	\$702.00		
Fuel Surcharge for Tt Pasadena Vehicles, 3 vehicles	\$45.00	/day	2.0	\$90.00		
<i>Laboratory Analyses (Eurofins Calscience)</i>						
<u>Groundwater Samples (including 2 TBs, FBs, and EBs)</u>						
TVPH C4-C12 (USEPA 8015B) (TB, FB, and EB)	\$42.85	/sample	14.0	\$599.90		
TPH C13-C40 (USEPA 8015B) (EB)	\$64.28	/sample	10.0	\$642.80		
TPH C13-C44 with Silica Gel Cleanup (Pipeline well CCTMW-10 & EB)	\$101.78	/sample	2.0	\$203.56		
VOCs (8260B) (TB, FB, EB)	\$101.77	/sample	5.0	\$508.85		
PAHs (USEPA 8310) (EB)	\$117.84	/sample	3.0	\$353.52		
Total lead (USEPA 6010B)	\$96.41	/sample	10.0	\$964.10		
Methane, Ethane, Ethylene (RSK 175)	\$85.70	/sample	8.0	\$685.60		
Nitrate and sulfate (USEPA 300.0)	\$42.85	/sample	8.0	\$342.80		
BTEX, TBA, and Naphthalene (USEPA 8260B)	\$80.34	/sample	9.0	\$723.06		
Sample Disposal	\$2.69	/sample	14.0	\$37.66		
				EQUIS EDD - Chevron	\$25.00	
				EDD- GeoTracker	\$25.00	
				5% subcontractor mark-up	\$255.59	
				<b>Total for Task 1.2</b>	<b>\$20,790.52</b>	
<b>Task 1.3 IDW Characterization, Profiling, Manifesting, and Disposal for 1SA2025</b>						
<i>Labor</i>						
Director	\$240.00	/hr	2.0	\$480.00		
Senior Engineer II	\$168.00	/hr	5.0	\$840.00		
Project Scientist I	\$130.00	/hr	12.0	\$1,560.00		

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
<i>Other Direct Costs (ODCs)</i>						
Field Supplies (PPE (gloves), drinking water, etc.)	\$10.00	/LS	1.0	\$10.00		
Tetra Tech (Tt) Pasadena Owned Vehicle	\$117.00	/day	1.0	\$117.00		
Fuel Surcharge for Tt Pasadena Vehicle	\$15.00	/day	1.0	\$15.00		
<i>Laboratory Analyses (Eurofins Calscience) Water Samples</i>						
VOCs and oxygenates (8260B)	\$101.77	/sample	1.0	\$101.77		
Title 22 Metals (6010B/7470A)	\$80.34	/sample	1.0	\$80.34		
TVPH C4-C12 (8015B)	\$42.85	/sample	1.0	\$42.85		
TPH C13-C40 (8015B)	\$64.28	/sample	1.0	\$64.28		
				5% subcontractor mark-up	\$14.46	
<i>Belshire Offsite Removal (Assume Non-hazardous)</i>						
Transport & Disposal, Non-Hazardous (World Oil or equivalent)	\$275.00	/drum	1.0	\$275.00		
One-hr Pickup Window/Appointment time	\$120.00	/LS	1.0	\$120.00		
FedEx Manifest (standard overnight)	\$35.00	/LS	1.0	\$35.00		
Project Management and Profile Fee	\$165.00	/LS	1.0	\$165.00		
New metal open top drum	\$120.00	/drum	1.0	\$120.00		
Drum Delivery Fee	\$325.00	/trip	1.0	\$325.00		
Fuel Surcharge (estimated)	\$100.00	/trip	1.0	\$100.00		
				5% subcontractor mark-up	\$57.00	
				<b>Total for Task 1.3</b>	<b>\$4,522.70</b>	
<b>Task 1.4 First Semi-Annual 2025 GWM Data Collection</b>						
<i>Labor</i>						
Director	\$240.00	/hr	2.0	\$480.00		
Senior Engineer II	\$168.00	/hr	12.0	\$2,016.00		
Project Scientist I	\$130.00	/hr	4.0	\$520.00		
				<b>Total for Task 1.4</b>	<b>\$3,016.00</b>	
				<b>Total for Task 1 (1SA2025)</b>		<b>\$31,430.00</b>
<b>Task 2. Second Semi-Annual 2025 Groundwater Monitoring (July 1, 2025 through December 31, 2025)</b>						
<b>Task 2.1 Project Management</b>						
<i>Labor</i>						
Director	\$240.00	/hr	4.0	\$960.00		
Senior Engineer II	\$168.00	/hr	7.5	\$1,260.00		
Contract Administrator III	\$110.00	/hr	6.0	\$660.00		
				<b>Task 2.1 Total</b>	<b>\$2,880.00</b>	
<b>Task 2.2 Groundwater Sampling Activities (2SA2025)</b>						
<i>Labor</i>						
Director	\$240.00	/hr	4.0	\$960.00		
Senior Engineer II	\$168.00	/hr	8.0	\$1,344.00		
Project Scientist I	\$130.00	/hr	26.0	\$3,380.00		
Environmental Technician III (Weekend 1.5)	\$159.00	/hr	36.0	\$5,724.00		
Environmental Technician III (Weekend Overtime 2.0)	\$212.00	/hr	16.0	\$3,392.00		
<i>Other Direct Costs (ODCs)</i>						
Turbidity Meter - Sampling (Tt owned)	\$11.00	/day	2.0	\$22.00		
Interphase Probe (Tt owned)	\$11.00	/day	2.0	\$22.00		
MiniRae or MultiRAE/4-Gas meter (Tt owned)	\$28.00	/day	2.0	\$56.00		
Bladder pump (Tt owned Two controllers and two pumps)	\$120.00	/day	2.0	\$240.00		
Generator (Tt owned)	\$29.00	/day	2.0	\$58.00		
Digital Camera (Tt owned), 2 cameras	\$3.00	/day	2.0	\$6.00		
YSI ProPlus (Onsite Rental), 2 meters	\$319.74	/day	2.0	\$639.48		
Turbidity Meter - Sampling (Onsite rental)	\$60.64	/day	2.0	\$121.28		
Onsite Delivery Charge	\$45.00	/delivery	1.0	\$45.00		
Interphase Probe (Onsite rental)	\$60.64	/day	2.0	\$121.28		
Compressor (Onsite rental)	\$71.67	/day	2.0	\$143.34		
Magnetic Manhole Lift Rental (Pine rental)	\$73.85	/day	2.0	\$147.70		
Pine Delivery Charge (estimated)	\$25.00	/delivery	1.0	\$25.00		
Pump tubing and bladders	\$280.00	LS	1.0	\$280.00		
Field Supplies (PPE, towels, ice, decontamination and drinking water, etc.)	\$60.00	/day	2.0	\$120.00		

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
Tetra Tech (Tt) Pasadena Owned Vehicles, 3 vehicles	\$351.00	/day	2.0	\$702.00		
Fuel Surcharge for Tt Pasadena Vehicles, 3 vehicles	\$45.00	/day	2.0	\$90.00		
<i>Laboratory Analyses (Eurofins Calscience)</i>						
<i>Groundwater Samples (including TB, FB, and EB)</i>						
TVPH C4-C12 (USEPA 8015B) (TB, FB, and EB)	\$42.85	/sample	17.0	\$728.45		
TPH C13-C40 (USEPA 8015B) (EB)	\$64.28	/sample	13.0	\$835.64		
TPH C13-C44 with Silica Gel Cleanup (Pipeline well CCTMW-10 & EB)	\$101.78	/sample	2.0	\$203.56		
VOCs (8260B) (TB, FB, EB)	\$101.77	/sample	3.0	\$305.31		
PAHs (USEPA 8310) (EB)	\$117.84	/sample	3.0	\$353.52		
Total lead (USEPA 6010B)	\$96.41	/sample	13.0	\$1,253.33		
Methane, Ethane, Ethylene (RSK 175)	\$85.70	/sample	13.0	\$1,114.10		
Nitrate and sulfate (USEPA 300.0)	\$42.85	/sample	13.0	\$557.05		
BTEX, TBA, and Naphthalene (USEPA 8260B)	\$80.34	/sample	11.0	\$883.74		
Sample Disposal	\$2.69	/sample	17.0	\$45.73		
				EQUIS EDD - Chevron	\$25.00	
				EDD- GeoTracker	\$25.00	
				5% subcontractor mark-up	\$316.52	
				<b>Total for Task 2.2</b>	<b>\$24,286.03</b>	

**Task 2.3 IDW Characterization, Profiling, Manifesting, and Disposal for 2SA2025**

*Labor*

Director	\$240.00	/hr	2.0	\$480.00		
Senior Scientist II	\$168.00	/hr	5.0	\$840.00		
Staff Scientist III	\$130.00	/hr	12.0	\$1,560.00		

*Other Direct Costs (ODCs)*

Field Supplies (PPE (gloves), drinking water, etc.)	\$10.00	LS	1.0	\$10.00		
Tetra Tech (Tt) Pasadena Owned Vehicle	\$117.00	/day	1.0	\$117.00		
Fuel Surcharge for Tt Pasadena Vehicle	\$15.00	/day	1.0	\$15.00		

*Laboratory Analyses (Eurofins Calscience) Water Samples*

VOCs and oxygenates (8260B)	\$101.77	/sample	0.0	\$0.00		
Title 22 Metals (6010B/7470A)	\$80.34	/sample	0.0	\$0.00		
TVPH C4-C12 (8015B)	\$42.85	/sample	0.0	\$0.00		
TPH C13-C40 (8015B)	\$64.28	/sample	0.0	\$0.00		
				5% subcontractor mark-up	\$0.00	

*Belshire Offsite Removal (Assume Non-hazardous)*

Transport & Disposal, Non-Hazardous (World Oil or equivalent)	\$275.00	/drum	1.0	\$275.00		
Site Set-Up Fee and One-hr Pickup Window	\$120.00	/LS	1.0	\$120.00		
FedEx Manifest (standard overnight)	\$35.00	/LS	1.0	\$35.00		
Project Management and Profile Fee	\$165.00	/LS	1.0	\$165.00		
New metal open top drum	\$120.00	/drum	1.0	\$120.00		
Drum Delivery Fee	\$325.00	/trip	1.0	\$325.00		
Fuel Surcharge (estimated)	\$100.00	/drum	1.0	\$100.00		
				5% subcontractor mark-up	\$57.00	
				<b>Total for Task 2.3</b>	<b>\$4,219.00</b>	

**Task 2.4 Second Semi-Annual 2025 GWM Data Collection**

*Labor*

Director	\$240.00	/hr	2.0	\$480.00		
Senior Scientist II	\$168.00	/hr	12.0	\$2,016.00		
Staff Scientist II	\$130.00	/hr	4.0	\$520.00		
				<b>Total for Task 2.4</b>	<b>\$3,016.00</b>	
				<b>Total for Task 2 (2SA2025)</b>	<b>\$34,402.00</b>	

**Task 3. First Semi-Annual 2026 Groundwater Monitoring (January 1, 2026 through June 30, 2026)**

**Task 3.1 Project Management**

*Labor*

Director	\$248.00	/hr	4.0	\$992.00		
Senior Engineer II	\$174.00	/hr	7.5	\$1,305.00		
Contract Administrator III	\$114.00	/hr	6.0	\$684.00		
				<b>Task 3.1 Total</b>	<b>\$2,981.00</b>	

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
<b>Task 3.2 Groundwater Sampling Activities (ISA2026)</b>						
<i>Labor</i>						
Director	\$248.00	/hr	4.0	\$992.00		
Senior Engineer II	\$174.00	/hr	8.0	\$1,392.00		
Project Scientist I	\$134.00	/hr	22.0	\$2,948.00		
Environmental Technicians III (Weekend 1.5)	\$164.00	/hr	36.0	\$5,904.00		
Environmental Technicians III (Weekend Overtime 2.0)	\$219.00	/hr	8.0	\$1,752.00		
<i>Other Direct Costs (ODCs)</i>						
Turbidity Meter - Sampling (Tt owned)	\$12.00	/day	2.0	\$24.00		
Interphase Probe (Tt owned)	\$12.00	/day	2.0	\$24.00		
MiniRae or MultiRAE/4-Gas meter (Tt owned)	\$29.00	/day	2.0	\$58.00		
Bladder pump (Tt owned Two controllers and two pumps)	\$124.00	/day	2.0	\$248.00		
Generator (Tt owned)	\$30.00	/day	2.0	\$60.00		
Digital Camera (Tt owned), 2 cameras	\$3.00	/day	2.0	\$6.00		
YSI ProPlus (Onsite Rental), 2 meters	\$332.54	/day	2.0	\$665.08		
Turbidity Meter - Sampling (Onsite rental)	\$63.07	/day	2.0	\$126.14		
Onsite Delivery Charge	\$46.80	/delivery	1.0	\$46.80		
Interphase Probe (Onsite rental)	\$63.07	/day	2.0	\$126.13		
Compressor (Onsite rental)	\$74.54	/day	2.0	\$149.08		
Magnetic Manhole Lift Rental (Pine rental)	\$82.00	/day	2.0	\$164.00		
Pine Delivery Charge (estimated)	\$27.00	/delivery	1.0	\$27.00		
Pump tubing and bladders	\$291.20	LS	1.0	\$291.20		
Field Supplies (PPE, towels, ice, decontamination and drinking water, etc.)	\$62.40	/day	2.0	\$124.80		
Tetra Tech (Tt) Pasadena Owned Vehicles, 3 vehicles	\$363.00	/day	2.0	\$726.00		
Fuel Surcharge for Tt Pasadena Vehicles, 3 vehicles	\$63.00	/day	2.0	\$126.00		
<i>Laboratory Analyses (Eurofins Calscience)</i>						
<u>Groundwater Samples (including TB, FB, and EB)</u>						
TVPH C4-C12 (USEPA 8015B) (TB, FB, and EB)	\$44.57	/sample	14.0	\$623.98		
TPH C13-C40 (USEPA 8015B) (EB)	\$66.86	/sample	10.0	\$668.60		
TPH C13-C44 with Silica Gel Cleanup (Pipeline well CCTMW-10 & EB)	\$105.86	/sample	2.0	\$211.72		
VOCs (8260B) (TB, FB, EB)	\$105.85	/sample	5.0	\$529.25		
PAHs (USEPA 8310) (EB)	\$122.56	/sample	3.0	\$367.68		
Total lead (USEPA 6010B)	\$100.27	/sample	10.0	\$1,002.70		
Methane, Ethane, Ethylene (RSK 175)	\$89.13	/sample	8.0	\$713.04		
Nitrate and sulfate (USEPA 300.0)	\$44.57	/sample	8.0	\$356.56		
BTEX, TBA, and Naphthalene (USEPA 8260B)	\$83.56	/sample	9.0	\$752.04		
Sample Disposal	\$2.80	/sample	14.0	\$39.20		
				EQUIS EDD - Chevron	\$26.00	
				EDD- GeoTracker	\$26.00	
				5% subcontractor mark-up	\$265.84	
				<b>Total for Task 3.2</b>	<b>\$21,562.84</b>	

**Task 3.3 IDW Characterization, Profiling, Manifesting, and Disposal for ISA2026**

<i>Labor</i>						
Director	\$248.00	/hr	2.0	\$496.00		
Senior Engineer II	\$174.00	/hr	5.0	\$870.00		
Project Scientist I	\$134.00	/hr	12.0	\$1,608.00		
<i>Other Direct Costs (ODCs)</i>						
Field Supplies (gloves, drinking water, etc.)	\$10.50	/LS	1.0	\$10.50		
Tetra Tech (Tt) Pasadena Owned Vehicle	\$121.00	/day	1.0	\$121.00		
Fuel Surcharge for Tt Pasadena Vehicle	\$21.00	/day	1.0	\$21.00		
<i>Laboratory Analyses (Eurofins Calscience) Water Samples</i>						
VOCs and oxygenates (8260B)	\$105.85	/sample	1.0	\$105.85		
Title 22 Metals (6010B/7470A)	\$83.56	/sample	1.0	\$83.56		
TVPH C4-C12 (8015B)	\$44.57	/sample	1.0	\$44.57		
TPH C13-C40 (8015B)	\$66.86	/sample	1.0	\$66.86		
				5% subcontractor mark-up	\$15.04	

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
<i>Belshire Offsite Removal (Assume Non-hazardous)</i>						
Transport & Disposal, Non-Hazardous (World Oil or equivalent)	\$284.00	/drum	1.0	\$284.00		
Site Set-Up Fee and One-hr Pickup Window	\$124.00	/LS	1.0	\$124.00		
FedEx Manifest (standard overnight)	\$37.00	/LS	1.0	\$37.00		
Project Management and Profile Fee	\$170.00	/LS	1.0	\$170.00		
New metal open top drum	\$124.00	/drum	1.0	\$124.00		
Drum Delivery Fee	\$335.00	/trip	1.0	\$335.00		
Fuel Surcharge (estimated)	\$103.00	/drum	1.0	\$103.00		
		5% subcontractor mark-up		\$58.85		
				<b>Total for Task 3.3</b>	<b>\$4,678.23</b>	
<b>Task 3.4 First Semi-Annual 2026 GWM Data Collection</b>						
<i>Labor</i>						
Director	\$240.00	/hr	2.0	\$480.00		
Senior Engineer II	\$174.00	/hr	12.0	\$2,088.00		
Project Scientist I	\$134.00	/hr	4.0	\$536.00		
				<b>Total for Task 3.4</b>	<b>\$3,104.00</b>	
				<b>Total for Task 3 (ISA2026)</b>		<b>\$32,327.00</b>
<b>Task 4. Second Semi-Annual 2026 Groundwater Monitoring (July 1, 2026 through December 31, 2026)</b>						
<b>Task 4.1 Project Management</b>						
<i>Labor</i>						
Director	\$248.00	/hr	4.0	\$992.00		
Senior Engineer II	\$174.00	/hr	7.5	\$1,305.00		
Contract Administrator III	\$114.00	/hr	6.0	\$684.00		
				<b>Task 4.1 Total</b>	<b>\$2,981.00</b>	
<b>Task 4.2 Groundwater Sampling Activities (2SA2026)</b>						
<i>Labor</i>						
Director	\$248.00	/hr	4.0	\$992.00		
Senior Engineer II	\$174.00	/hr	8.0	\$1,392.00		
Project Scientist I	\$134.00	/hr	26.0	\$3,484.00		
Environmental Technician III (Weekend 1.5)	\$164.00	/hr	36.0	\$5,904.00		
Environmental Technician III (Weekend Overtime 2.0)	\$219.00	/hr	16.0	\$3,504.00		
<i>Other Direct Costs (ODCs)</i>						
Turbidity Meter - Sampling (Tt owned)	\$12.00	/day	2.0	\$24.00		
Interphase Probe (Tt owned)	\$12.00	/day	2.0	\$24.00		
MiniRae or MultiRAE/4-Gas meter (Tt owned)	\$29.00	/day	2.0	\$58.00		
Bladder pump (Tt owned Two controllers and two pumps)	\$124.00	/day	2.0	\$248.00		
Generator (Tt owned)	\$30.00	/day	2.0	\$60.00		
Digital Camera (Tt owned), 2 cameras	\$3.00	/day	2.0	\$6.00		
YSI ProPlus (Onsite Rental), 2 meters	\$332.54	/day	2.0	\$665.08		
Turbidity Meter - Sampling (Onsite rental)	\$63.07	/day	2.0	\$126.14		
Onsite Delivery Charge	\$46.80	/delivery	1.0	\$46.80		
Interphase Probe (Onsite rental)	\$63.07	/day	2.0	\$126.13		
Compressor (Onsite rental)	\$74.54	/day	2.0	\$149.08		
Magnetic Manhole Lift Rental (Pine rental)	\$82.00	/day	2.0	\$164.00		
Pine Delivery Charge (estimated)	\$27.00	/delivery	1.0	\$27.00		
Pump tubing and bladders	\$291.20	LS	1.0	\$291.20		
Field Supplies (PPE, towels, ice, decontamination and drinking water, etc.)	\$62.40	/day	2.0	\$124.80		
Tetra Tech (Tt) Pasadena Owned Vehicles, 3 vehicles	\$363.00	/day	2.0	\$726.00		
Fuel Surcharge for Tt Pasadena Vehicles, 3 vehicles	\$63.00	/day	2.0	\$126.00		
<i>Laboratory Analyses (Eurofins Calscience)</i>						
<u>Groundwater Samples (including TB, FB, and EB)</u>						
TVPH C4-C12 (USEPA 8015B) (TB, FB, and EB)	\$44.57	/sample	17.0	\$757.69		
TPH C13-C40 (USEPA 8015B) (EB)	\$66.86	/sample	13.0	\$869.18		
TPH C13-C40 with Silica Gel Cleanup (Pipeline well & EB)	\$105.86	/sample	2.0	\$211.72		
VOCs (8260B) (TB, FB, EB)	\$105.85	/sample	3.0	\$317.55		
PAHs (USEPA 8270) (EB)	\$122.56	/sample	3.0	\$367.68		

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
Total lead (USEPA 6010B)	\$100.27	/sample	13.0	\$1,303.51		
Methane, Ethane, Ethylene (RSK 175)	\$89.13	/sample	13.0	\$1,158.69		
Nitrate and sulfate (USEPA 300.0)	\$44.57	/sample	13.0	\$579.41		
BTEX, TBA, and Naphthalene (USEPA 8260B)	\$83.56	/sample	11.0	\$919.16		
Sample Disposal	\$2.80	/sample	17.0	\$47.60		
				EQUIS EDD - Chevron	\$26.00	
				EDD- GeoTracker	\$26.00	
				5% subcontractor mark-up	\$329.21	
				<b>Total for Task 4.2</b>	<b>\$25,181.63</b>	

**Task 4.3 IDW Characterization, Profiling, Manifesting, and Disposal for 2SA2026**

*Labor*

Director	\$248.00	/hr	2.0	\$496.00		
Senior Engineer II	\$174.00	/hr	5.0	\$870.00		
Project Scientist I	\$134.00	/hr	12.0	\$1,608.00		

*Other Direct Costs (ODCs)*

Field Supplies (gloves, drinking water, etc.)	\$10.50	LS	1.0	\$10.50		
Tetra Tech (Tt) Pasadena Owned Vehicle	\$121.00	/day	1.0	\$121.00		
Fuel Surcharge for Tt Pasadena Vehicle	\$21.00	/day	1.0	\$21.00		

*Laboratory Analyses (Eurofins Calscience) Water Samples*

VOCs and oxygenates (8260B)	\$105.85	/sample	0.0	\$0.00		
Title 22 Metals (6010B/7470A)	\$83.56	/sample	0.0	\$0.00		
TVPH C <sub>4</sub> -C <sub>12</sub> (8015B)	\$44.57	/sample	0.0	\$0.00		
TPH C <sub>13</sub> -C <sub>40</sub> (8015B)	\$66.86	/sample	0.0	\$0.00		
				EQUIS EDD - Chevron	\$0.00	
				5% subcontractor mark-up	\$0.00	

Belshire Offsite Removal (Assume Non-hazardous)

Transport & Disposal, Non-Hazardous (World Oil or equivalent)	\$284.00	/drum	1.0	\$284.00		
Site Set-Up Fee and One-hr Pickup Window	\$124.00	/LS	1.0	\$124.00		
FedEx Manifest (standard overnight)	\$37.00	/LS	1.0	\$37.00		
Project Management and Profile Fee	\$170.00	/LS	1.0	\$170.00		
New metal open top drum	\$124.00	/drum	1.0	\$124.00		
Drum Delivery Fee	\$335.00	/trip	1.0	\$335.00		
Fuel Surcharge (estimated)	\$103.00	/delivery	1.0	\$103.00		
				5% subcontractor mark-up	\$58.85	
				<b>Total for Task 4.3</b>	<b>\$4,362.35</b>	

**Task 4.4 Second Semi-Annual 2026 GWM Data Collection**

*Labor*

Director	\$248.00	/hr	2.0	\$496.00		
Senior Engineer II	\$174.00	/hr	12.0	\$2,088.00		
Project Scientist I	\$134.00	/hr	4.0	\$536.00		
				<b>Total for Task 4.4</b>	<b>\$3,120.00</b>	
				<b>Total for Task 4 (2SA2026)</b>	<b>\$35,645.00</b>	

**Task 5. First Semi-Annual 2027 Groundwater Monitoring (January 1, 2027 through June 30, 2027)**

**Task 5.1 Project Management**

*Labor*

Director	\$256.00	/hr	4.0	\$1,024.00		
Senior Engineer II	\$180.00	/hr	7.5	\$1,350.00		
Contract Administrator III	\$118.00	/hr	6.0	\$708.00		
				<b>Task 5.1 Total</b>	<b>\$3,082.00</b>	

**Task 5.2 Groundwater Sampling Activities (ISA2027)**

*Labor*

Director	\$256.00	/hr	4.0	\$1,024.00		
Senior Engineer II	\$180.00	/hr	8.0	\$1,440.00		
Project Scientist I	\$139.00	/hr	22.0	\$3,058.00		
Environmental Technicians III (Weekend 1.5)	\$169.00	/hr	36.0	\$6,084.00		
Environmental Technicians III (Weekend Overtime 2.0)	\$226.00	/hr	8.0	\$1,808.00		

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
<i>Other Direct Costs (ODCs)</i>						
Turbidity Meter - Sampling (Tt owned)	\$13.00	/day	2.0	\$26.00		
Interphase Probe (Tt owned)	\$13.00	/day	2.0	\$26.00		
MiniRac or MultiRAE/4-Gas meter (Tt owned)	\$30.00	/day	2.0	\$60.00		
Bladder pump (Tt owned Two controllers and two pumps)	\$128.00	/day	2.0	\$256.00		
Generator (Tt owned)	\$31.00	/day	2.0	\$62.00		
Digital Camera (Tt owned), 2 cameras	\$3.00	/day	2.0	\$6.00		
YSI ProPlus (Onsite Rental), 2 meters	\$345.86	/day	2.0	\$691.72		
Turbidity Meter - Sampling (Onsite rental)	\$65.60	/day	2.0	\$131.20		
Onsite Delivery Charge	\$48.68	/delivery	1.0	\$48.68		
Interphase Probe (Onsite rental)	\$65.60	/day	2.0	\$131.20		
Compressor (Onsite rental)	\$77.53	/day	2.0	\$155.06		
Magnetic Manhole Lift Rental (Pine rental)	\$91.00	/day	2.0	\$182.00		
Pine Delivery Charge (estimated)	\$29.00	/delivery	1.0	\$29.00		
Pump tubing and bladders	\$302.85	LS	1.0	\$302.85		
Iron field test kits (estimated)	\$200.00	LS	1.0	\$200.00		
Field Supplies (PPE, towels, ice, decontamination and drinking water, etc.)	\$64.90	/day	2.0	\$129.80		
Tetra Tech (Tt) Pasadena Owned Vehicles, 3 vehicles	\$375.00	/day	2.0	\$750.00		
Fuel Surcharge for Tt Pasadena Vehicles, 3 vehicles	\$66.00	/day	2.0	\$132.00		
<i>Laboratory Analyses (Eurofins Calscience)</i>						
<u>Groundwater Samples (including TB, FB, and EB)</u>						
TVPH C4-C12 (USEPA 8015B) (TB, FB, and EB)	\$46.36	/sample	14.0	\$649.04		
TPH C13-C40 (USEPA 8015B) (EB)	\$69.54	/sample	10.0	\$695.40		
TPH C13-C40 with Silica Gel Cleanup (Pipeline well & EB)	\$110.10	/sample	2.0	\$220.20		
VOCs (8260B) (TB, FB, EB)	\$110.09	/sample	5.0	\$550.45		
PAHs (USEPA 8310) (EB)	\$127.47	/sample	3.0	\$382.41		
Total lead (USEPA 6010B)	\$104.29	/sample	10.0	\$1,042.90		
Methane, Ethane, Ethylene (RSK 175)	\$92.70	/sample	8.0	\$741.60		
Nitrate and sulfate (USEPA 300.0)	\$46.36	/sample	8.0	\$370.88		
BTEX, TBA, and Naphthalene (USEPA 8260B)	\$86.91	/sample	9.0	\$782.19		
Sample Disposal	\$2.92	/sample	14.0	\$40.88		
				EQUIS EDD - Chevron	\$27.04	
				EDF- GeoTracker	\$27.04	
				5% subcontractor mark-up	\$276.50	
				<b>Total for Task 5.2</b>	<b>\$22,540.04</b>	

**Task 5.3 IDW Characterization, Profiling, Manifesting, and Disposal for 1SA2027**

*Labor*

Director	\$256.00	/hr	2.0	\$512.00		
Senior Engineer II	\$180.00	/hr	5.0	\$900.00		
Project Scientist I	\$139.00	/hr	12.0	\$1,668.00		

*Other Direct Costs (ODCs)*

Field Supplies (gloves, drinking water, etc.)	\$20.00	/LS	1.0	\$20.00		
Tetra Tech (Tt) Pasadena Owned Vehicle	\$125.00	/day	1.0	\$125.00		
Fuel Surcharge for Tt Pasadena Vehicle	\$22.00	/day	1.0	\$22.00		

*Laboratory Analyses (Eurofins Calscience) Water Samples*

VOCs and oxygenates (8260B)	\$110.09	/sample	1.0	\$110.09		
Title 22 Metals (6010B/7470A)	\$86.91	/sample	1.0	\$86.91		
TVPH C4-C12 (8015B)	\$46.36	/sample	1.0	\$46.36		
TPH C13-C40 (8015B)	\$69.54	/sample	1.0	\$69.54		
				EQUIS EDD - Chevron	\$0.00	
				5% subcontractor mark-up	\$15.65	

Belshire Offsite Removal (Assume Non-hazardous)

Transport & Disposal, Non-Hazardous (World Oil or equivalent)	\$293.00	/drum	1.0	\$293.00		
Site Set-Up Fee and One-hr Pickup Window	\$128.00	/LS	1.0	\$128.00		
FedEx Manifest (standard overnight)	\$39.00	/LS	1.0	\$39.00		
Project Management and Profile Fee	\$176.00	/LS	1.0	\$176.00		



TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
New metal open top drum	\$128.00	/drum	1.0	\$128.00		
Drum Delivery Fee	\$346.00	/trip	1.0	\$346.00		
Fuel Surcharge (estimated)	\$107.00	/delivery	1.0	\$107.00		
		5% subcontractor mark-up		\$60.85		
				<b>Total for Task 5.3</b>	<b>\$4,853.40</b>	

**Task 5.4 First Semi-Annual 2027 GWM Data Collection**

*Labor*

Director	\$256.00	/hr	2.0	\$512.00		
Senior Engineer II	\$180.00	/hr	12.0	\$2,160.00		
Project Scientist I	\$139.00	/hr	4.0	\$556.00		
				<b>Total for Task 5.4</b>	<b>\$3,228.00</b>	
				<b>Total for Task 5 (ISA2027)</b>		<b>\$33,704.00</b>

**Task 6. Second Semi-Annual 2027 Groundwater Monitoring (July 1, 2027 through December 31, 2027)**

**Task 6.1 Project Management**

*Labor*

Director	\$256.00	/hr	4.0	\$1,024.00		
Senior Engineer II	\$180.00	/hr	7.5	\$1,350.00		
Contract Administrator III	\$118.00	/hr	6.0	\$708.00		
				<b>Task 6.1 Total</b>	<b>\$3,082.00</b>	

**Task 6.2 Groundwater Sampling Activities (2SA2027)**

*Labor*

Director	\$256.00	/hr	4.0	\$1,024.00		
Senior Engineer II	\$180.00	/hr	8.0	\$1,440.00		
Project Scientist I	\$139.00	/hr	26.0	\$3,614.00		
Environmental Technician III (Weekend 1.5)	\$169.00	/hr	36.0	\$6,084.00		
Environmental Technician III (Weekend Overtime 2.0)	\$226.00	/hr	16.0	\$3,616.00		

*Other Direct Costs (ODCs)*

Turbidity Meter - Sampling (Tt owned)	\$13.00	/day	2.0	\$26.00		
Interphase Probe (Tt owned)	\$13.00	/day	2.0	\$26.00		
MiniRae or MultiRAE/4-Gas meter (Tt owned)	\$30.00	/day	2.0	\$60.00		
Bladder pump (Tt owned Two controllers and two pumps)	\$128.00	/day	2.0	\$256.00		
Generator (Tt owned)	\$31.00	/day	2.0	\$62.00		
Digital Camera (Tt owned), 2 cameras	\$3.00	/day	2.0	\$6.00		
YSI ProPlus (Onsite Rental), 2 meters	\$345.86	/day	2.0	\$691.72		
Turbidity Meter - Sampling (Onsite rental)	\$65.60	/day	2.0	\$131.20		
Onsite Delivery Charge	\$48.68	/delivery	1.0	\$48.68		
Interphase Probe (Onsite rental)	\$65.60	/day	2.0	\$131.20		
Compressor (Onsite rental)	\$77.53	/day	2.0	\$155.06		
Magnetic Manhole Lift Rental (Pine rental)	\$91.00	/day	2.0	\$182.00		
Pine Delivery Charge (estimated)	\$29.00	/delivery	1.0	\$29.00		
Pump tubing and bladders	\$302.85	LS	1.0	\$302.85		
Field Supplies (PPE, towels, ice, decontamination and drinking water, etc.)	\$64.90	/day	2.0	\$129.80		
Tetra Tech (Tt) Pasadena Owned Vehicles, 3 vehicles	\$375.00	/day	2.0	\$750.00		
Fuel Surcharge for Tt Pasadena Vehicles, 3 vehicles	\$66.00	/day	2.0	\$132.00		

*Laboratory Analyses (Eurofins Calscience)*

Groundwater Samples (including TB, FB, and EB)

TVPH C4-C12 (USEPA 8015B) (TB, FB, and EB)	\$46.36	/sample	17.0	\$788.12		
TPH C13-C40 (USEPA 8015B) (EB)	\$69.54	/sample	13.0	\$904.02		
TPH C13-C40 with Silica Gel Cleanup (Pipeline well & EB)	\$110.10	/sample	2.0	\$220.20		
VOCs (8260B) (TB, FB, EB)	\$110.09	/sample	3.0	\$330.27		
PAHs (USEPA 8270) (EB)	\$127.47	/sample	3.0	\$382.41		
Total lead (USEPA 6010B)	\$104.29	/sample	13.0	\$1,355.77		
Methane, Ethane, Ethylene (RSK 175)	\$92.70	/sample	13.0	\$1,205.10		
Nitrate and sulfate (USEPA 300.0)	\$46.36	/sample	13.0	\$602.68		
BTEX, TBA, and Naphthalene (USEPA 8260B)	\$86.91	/sample	11.0	\$956.01		
Sample Disposal	\$2.92	/sample	17.0	\$49.64		
				EQUIS EDD - Chevron	\$27.04	
				EDD- GeoTracker	\$27.04	
				5% subcontractor mark-up	\$342.42	

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
				<b>Total for Task 6.2</b>	<b>\$26,088.23</b>	
<b>Task 6.3 IDW Characterization, Profiling, Manifesting, and Disposal for 2SA2027</b>						
<i>Labor</i>						
Director	\$256.00	/hr	2.0	\$512.00		
Senior Engineer II	\$180.00	/hr	5.0	\$900.00		
Project Scientist I	\$139.00	/hr	12.0	\$1,668.00		
<i>Other Direct Costs (ODCs)</i>						
Field Supplies (gloves, drinking water, etc.)	\$20.00	LS	1.0	\$20.00		
Tetra Tech (Tt) Pasadena Owned Vehicle	\$125.00	/day	1.0	\$125.00		
Fuel Surcharge for Tt Pasadena Vehicle	\$22.00	/day	1.0	\$22.00		
<i>Laboratory Analyses (Eurofins Calscience) Water Samples</i>						
VOCs and oxygenates (8260B)	\$110.09	/sample	0.0	\$0.00		
Title 22 Metals (6010B/7470A)	\$86.91	/sample	0.0	\$0.00		
TVPH C <sub>4</sub> -C <sub>12</sub> (8015B)	\$46.36	/sample	0.0	\$0.00		
TPH C <sub>13</sub> -C <sub>40</sub> (8015B)	\$69.54	/sample	0.0	\$0.00		
				EQUIS EDD - Chevron	\$0.00	
				5% subcontractor mark-up	\$0.00	
<u><i>Belshire Offsite Removal (Assume Non-hazardous)</i></u>						
Transport & Disposal, Non-Hazardous (World Oil or equivalent)	\$293.00	/drum	1.0	\$293.00		
Site Set-Up Fee and One-hr Pickup Window	\$128.00	/LS	1.0	\$128.00		
FedEx Manifest (standard overnight)	\$39.00	/LS	1.0	\$39.00		
Project Management and Profile Fee	\$176.00	/LS	1.0	\$176.00		
New metal open top drum	\$128.00	/drum	1.0	\$128.00		
Drum Delivery Fee	\$346.00	/trip	1.0	\$346.00		
Fuel Surcharge (estimated)	\$107.00	/drum	1.0	\$107.00		
				5% subcontractor mark-up	\$60.85	
				<b>Total for Task 6.3</b>	<b>\$4,524.85</b>	
<b>Task 6.4 Second Semi-Annual 2027 GWM Data Collection</b>						
<i>Labor</i>						
Director	\$256.00	/hr	2.0	\$512.00		
Senior Engineer II	\$180.00	/hr	12.0	\$2,160.00		
Project Scientist I	\$139.00	/hr	4.0	\$556.00		
				<b>Total for Task 6.4</b>	<b>\$3,228.00</b>	
				<b>Total for Task 6 (2SA2027)</b>		<b>\$36,924.00</b>
				<b>Total for Tasks 1 through 6</b>		<b>\$204,432.00</b>
				<b>Contingency</b>		<b>\$44,508.00</b>
				<b>Total with Contingency</b>		<b>\$248,940.00</b>