

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

THIS SECOND 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 which, unless renewed, will expire on November 30, 2021 ("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 six (6) 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 SECOND 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 May 11, 2021, attached as Exhibit C – Tetra Tech Cost Proposal, for performing certain work associated with ongoing Regional Board monitoring requirements ("Third Term Work"). As more fully described in Exhibit C, this Third 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 C, Tetra Tech Cost Proposal dated May 11, 2021 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 and C 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 Third Term Work shall not exceed One Hundred Eighty-Seven Thousand Three Hundred Eighty-Six (\$187,386) without Chevron’s prior approval. (These not to exceed dollar amounts do not include the contingency cost of Forty Thousand Eight Hundred Twenty-One Dollars (\$40,821) included in Exhibit C.) City shall seek Chevron’s approval prior to authorizing its consultant/contractor to perform any additional Third 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 and Exhibit C, to its tenant, and represents that its tenant understands the scope of the work and Additional 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.”

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 nine (9) 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) nine (9) 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

To City: City of Los Angeles, Harbor Department
Office of the City Attorney
425 South Palos Verdes Street
San Pedro, CA 90731
Attn: Kenneth Mattfeld
Phone: 310-732-3772
Email: kmattfeld@portla.org

Except as amended herein, all remaining terms and conditions of Agreement No. 15-3362, as amended by Agreement 18-3362A, 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 Second Amendment to Agreement No. 15-3362 on the date to the left of their signatures.

THE CITY OF LOS ANGELES, by its Board of Harbor Commissioners

Dated: _____

By _____
EUGENE D. SEROKA
Executive Director

Attest _____
AMBER M. KLESGES
Board Secretary

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY

Dated: August 20, 2021

By: _____
DocuSigned by:
Harpreet K. Tiwana
5093F506A32543B...

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

APPROVED AS TO FORM AND LEGALITY

Aug 23, 2021
MICHAEL N. FEUER, City Attorney
Janna B. Sidley, General Counsel

By *Kenneth F. Mattfeld*
Kenneth F. Mattfeld, Deputy

KFM/ila 08/09/2021



Heather Benfield, P.E.
Director, Environmental Division

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

May 11, 2021

Subject: Groundwater Sampling, Data Transfer, and Technical Support Proposal, Former Chevron Marine Terminal, Berth 100, Port of Los Angeles, California; ADP# 910913-191H, Agreement No. 20-3726

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 2022 through December 2024.

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

- Task 1 activities conducted from January 1, 2022 through June 30, 2022
- Task 2 activities conducted from July 1, 2022 through December 31, 2022
- Task 3 activities conducted from January 1, 2023 through June 30, 2023
- Task 4 activities conducted from July 1, 2023 through December 31, 2023
- Task 5 activities conducted from January 1, 2024 through June 30, 2024
- Task 6 activities conducted from July 1, 2024 through December 31, 2024.

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 each of the 10 wells in accordance with the approved workplans (Leidos, 2014 and 2015) on a semi-annual (SA) basis in the first (January through March) and third (July through September) quarters of each calendar year. All wells will be gauged for depth to light non-aqueous phase liquid (LNAPL) and depth to water. Following gauging activities, wells will be purged using low-

Tetra Tech, Inc.
3475 E. Federal Boulevard, Suite 200, Pasadena, CA 91107-6024
Tel: 626 790 2415 www.tetra-tech.com

EXHIBIT C - TETRA TECH COST PROPOSAL



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, Lamotte 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 two 12-hour field days 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) C₄– C₁₂ by USEPA Method 8015B (carbon chain fractionation)
- Total petroleum hydrocarbons (TPH) C₁₃– C₄₀ by USEPA Method 8015B (carbon chain fractionation)
- TPH C₆-C₄₄ with silica gel cleanup (well CCT-MW10, the pipeline well, only)
- Volatile organic compounds (VOCs) with fuel oxygenates by USEPA Method 8260B
- Polynuclear aromatic hydrocarbons (PAHs), by USEPA Method 8310
- Organic lead by DHS LUFT (excluding the pipeline well)
- Total lead by USEPA Method 6010B (only the pipeline well)
- Methane, ethane, and ethylene by RSK 175
- Nitrate and sulfate by USEPA Method 300.0
- Ferrous Iron by Standard Method (SM) 3500 Fe B

Dissolved oxygen, oxidation/reduction potential (ORP), turbidity, and pH will be recorded in the field, using a water quality meter(s).

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 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 C₄-C₁₂ 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 police substation, located at 710 North Front 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 C₄-C₁₂, TPH C₁₃-C₄₀, VOCs, and Title 22 Metals 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 Port of Los Angeles Police 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.

Total for Tasks 1 through 6

Task 1 (1SA2022) total is \$30,242
 Task 2 (2SA2022) total is \$30,050
 Task 3 (1SA2023) total is \$32,055
 Task 4 (2SA2023) total is \$31,015
 Task 5 (1SA2024) total is \$32,012
 Task 6 (2SA2024) total is \$32,012

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 three 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 \$228,207 which includes \$40,821 in contingency funding 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 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 a 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.



Subcontractor	% of Total Budget	Subcontractor Cost
Belshire Environmental (SBE)	3.6%	\$6,723
Eurofins Calscience, Inc. (OBE)	18.7%	\$35,056
Total	22.3%	41,779

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 Mr. Eric Nelson at (626) 470-2391 with any questions or comments. Tetra Tech appreciates the opportunity to continue supporting EMD.

Sincerely,

Heather Benfield

References:

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.

Attachment: Cost Breakdown

cc: Eric Nelson (Project Geologist), Saleyna Dean (Contracts)

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 is free of LNAPL and LNAPL sheen.
3. 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 the additional costs will be submitted for approval prior to conducting any LNAPL recovery.



6. Analytical unit rates are based upon Chevron's negotiated rates with Eurofins with 3% escalation each calendar year. In addition, the costs above assume that Eurofins will continue to provide all EDDs, including GeoTracker EDDs and upload to Arcadis' EIM database at no cost (gratis) for the entire scope of work described above. If Eurofins rates are modified or Eurofins incorporates any other charges for EDDs, sample delivery, sample bottles, etcetera, then EMD and/or Chevron will reimburse Tetra Tech at cost plus 5% markup.
7. The current IDW staging area 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. Rates developed in this proposal are based upon the contractual rates in the Tetra Tech-City of Los Angeles Harbor Department Agreement No. 20-3726 through March 6, 2023 with 3% escalation for each calendar year 2023 and 2024.

POLA Berths 100 (China Shipping Terminal)
ADP #910913-191

May 11, 2021
POLA Project Manager: Paula Ly

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
Task 1. First Semi-Annual 2022 Groundwater Monitoring (January 1, 2022 through December 31, 2022)						
Task 1.1 Project Management (January 1, 2022 through June 30, 2022)						
<i>Labor</i>						
Director	\$216.00	/hr	4.0	\$864.00		
Senior Scientist I	\$141.00	/hr	7.5	\$1,057.50		
Contract Administrator II	\$96.00	/hr	8.0	\$768.00		
				Task 1.1 Total	\$2,689.50	
Task 1.2 Groundwater Sampling Activities (1SA2022)						
<i>Labor</i>						
Director	\$216.00	/hr	4.0	\$864.00		
Senior Scientist I	\$141.00	/hr	8.0	\$1,128.00		
Staff Scientist II	\$100.00	/hr	26.0	\$2,600.00		
Environmental Technician III (Weekend 1.5)	\$144.00	/hr	36.0	\$5,184.00		
Environmental Technician III (Weekend Overtime 2.0)	\$192.00	/hr	16.0	\$3,072.00		
<i>Other Direct Costs (ODCs)</i>						
Turbidity Meter - Sampling (Tt owned)	\$7.50	/day	2.0	\$15.00		
Interphase Probe (Tt owned)	\$9.50	/day	2.0	\$19.00		
MultiRAE/4-Gas meter (Tt owned)	\$24.50	/day	2.0	\$49.00		
Bladder pump (Tt owned 1 controller, one pump)	\$53.50	/day	2.0	\$107.00		
Digital Camera (Tt owned), 2 cameras	\$1.75	/day	4.0	\$7.00		
Water Quality Meter (YSI Rental), 2 meters	\$145.00	/day	4.0	\$580.00		
Turbidity Meter - Sampling (Rental)	\$55.00	/day	2.0	\$110.00		
Second Bladder Pump with controller (Rental)	\$130.00	/day	2.0	\$260.00		
Interphase Probe (Rental)	\$55.00	/day	2.0	\$110.00		
Compressor (Rental)	\$65.00	/day	2.0	\$130.00		
Pump tubing and bladders	\$375.00	LS	1.0	\$375.00		
Field Supplies (PPE, towels, ice, decontamination and drinking water, etc.)	\$200.00	LS	1.0	\$200.00		
Tetra Tech Vehicles, 3 vehicles	\$107.00	/day	6.0	\$642.00		
<i>Laboratory Analyses (Eurofins Calscience)</i>						
<u>Groundwater Samples (including 2 TBs, FBs, and EBs)</u>						
TVPH C ₄ -C ₁₂ (USEPA 8015B) (TB, FB, and EB)	\$16.67	/sample	17.0	\$283.39		
TPH C ₁₃ -C ₄₀ (USEPA 8015B) (EB)	\$36.05	/sample	13.0	\$468.65		
TPH C ₆ -C ₄₄ with Silica Gel cleanup (Pipeline well & EB)	\$79.51	/sample	2.0	\$159.02		
VOCs including oxygenates (8260B) (TB, FB, EB)	\$50.56	/sample	17.0	\$859.52		
PAHs (USEPA 8310) (EB)	\$87.55	/sample	13.0	\$1,138.15		
Organic Lead (DHS LUFT, excludes Pipeline well)	\$82.40	/sample	12.0	\$988.80		
Total lead (USEPA 6010B, pipeline well only)	\$19.52	/sample	2.0	\$39.04		
Ferrous Iron Fe 2+ (SM 3500 Fe B)	\$44.23	/sample	11.0	\$486.53		
Methane, Ethane, Ethylene (RSK 175)	\$65.80	/sample	11.0	\$723.80		
Nitrate and sulfate (USEPA 300.0)	\$31.58	/sample	11.0	\$347.38		
				EDD- Chevron	\$0.00	
				EDD- GeoTracker	\$0.00	
				5% subcontractor mark-up	\$274.71	
				Total for Task 1.2	\$21,220.99	
Task 1.3 IDW Characterization, Profiling, Manifesting, and Disposal for 1SA2022						
<i>Labor</i>						
Director	\$216.00	/hr	2.0	\$432.00		
Senior Scientist I	\$141.00	/hr	5.0	\$705.00		
Staff Scientist III	\$100.00	/hr	12.0	\$1,200.00		
<i>Other Direct Costs (ODCs)</i>						
Field Supplies (gloves, respirator cartridges, ice, etc.)	\$25.75	LS	1.0	\$25.75		
Bailer for IDW sample	\$10.30	LS	1.0	\$10.30		
Field Vehicles	\$107.00	/day	1.0	\$107.00		
<i>Laboratory Analyses (Eurofins Calscience) Water Samples</i>						

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
VOCs including oxygenates (USEPA 8260B)	\$50.56	/sample	1.0	\$50.56		
Title 22 Metals (USEPA 6010B/7470A)	\$72.71	/sample	1.0	\$72.71		
TVPH C ₄ -C ₁₂ (USEPA 8015B)	\$16.67	/sample	1.0	\$16.67		
TPH C ₁₃ -C ₄₀ (USEPA 8015B)	\$36.05	/sample	1.0	\$36.05		
		EDD- Chevron		\$0.00		
		5% subcontractor mark-up		\$8.80		
<u>Belshire Offsite Removal (Assume Non-hazardous)</u>						
Transport & Disposal, Non-Hazardous (DeMenno Kerdoon or equivalent)	\$130.00	/drum	1.0	\$130.00		
Site Set-Up Fee and One-hr Pickup Window	\$240.00	/LS	1.0	\$240.00		
FedEx Manifest (standard overnight)	\$35.00	/LS	1.0	\$35.00		
Project Management and Profile Fee	\$150.00	/LS	1.0	\$150.00		
New metal open top drum	\$100.00	/drum	1.0	\$100.00		
Drum Delivery Fee	\$425.00	/trip	1.0	\$425.00		
Fuel Surcharge (estimated)	\$7.50	/drum	1.0	\$7.50		
		5% subcontractor mark-up		\$54.38		
				Total for Task 1.3	\$3,806.71	
Task 1.4 First Semi-Annual 2022 GWM Data Collection						
<i>Labor</i>						
Director	\$216.00	/hr	2.0	\$432.00		
Senior Scientist I	\$141.00	/hr	12.0	\$1,692.00		
Staff Scientist II	\$100.00	/hr	4.0	\$400.00		
				Total for Task 1.4	\$2,524.00	
				Total for Task 1 (1SA2022)		\$30,242.00
Task 2. Second Semi-Annual 2022 Groundwater Monitoring (July 1, 2022 through December 31, 2022)						
Task 2.1 Project Management						
<i>Labor</i>						
Director	\$216.00	/hr	4.0	\$864.00		
Senior Scientist I	\$141.00	/hr	7.5	\$1,057.50		
Contract Administrator II	\$96.00	/hr	6.0	\$576.00		
				Task 2.1 Total	\$2,497.50	
Task 2.2 Groundwater Sampling Activities (2SA2022)						
<i>Labor</i>						
Director	\$216.00	/hr	4.0	\$864.00		
Senior Scientist I	\$141.00	/hr	8.0	\$1,128.00		
Staff Scientist II	\$100.00	/hr	26.0	\$2,600.00		
Environmental Technician III (Weekend 1.5)	\$144.00	/hr	36.0	\$5,184.00		
Environmental Technician III (Weekend Overtime 2.0)	\$192.00	/hr	16.0	\$3,072.00		
<i>Other Direct Costs (ODCs)</i>						
Turbidity Meter - Sampling (Tt owned)	\$7.50	/day	2.0	\$15.00		
Interphase Probe (Tt owned)	\$9.50	/day	2.0	\$19.00		
MultiRAE/4-Gas meter (Tt owned)	\$24.50	/day	2.0	\$49.00		
Bladder pump (Tt owned 1 controller, one pump)	\$53.50	/day	2.0	\$107.00		
Digital Camera (Tt owned), 2 cameras	\$1.75	/day	4.0	\$7.00		
Water Quality Meter (YSI Rental)	\$145.00	/day	4.0	\$580.00		
Turbidity Meter - Sampling (Rental)	\$55.00	/day	2.0	\$110.00		
Second Bladder Pump with controller (Rental)	\$130.00	/day	2.0	\$260.00		
Interphase Probe (Rental)	\$55.00	/day	2.0	\$110.00		
Compressor (Rental)	\$65.00	/day	2.0	\$130.00		
Pump tubing and bladders	\$375.00	LS	1.0	\$375.00		
Field Supplies (PPE, towels, ice, decontamination and drinking water, etc.)	\$200.00	LS	1.0	\$200.00		
Tetra Tech Vehicles, 3 vehicles	\$107.00	/day	6.0	\$642.00		
<i>Laboratory Analyses (Eurofins Calscience)</i>						
<u>Groundwater Samples (including TB, FB, and EB)</u>						
TVPH C ₄ -C ₁₂ (USEPA 8015B) (TB, FB, and EB)	\$16.67	/sample	17.0	\$283.39		
TPH C ₁₃ -C ₄₀ (USEPA 8015B) (EB)	\$36.05	/sample	13.0	\$468.65		
TPH C ₆ -C ₄₄ with Silica Gel cleanup (Pipeline well & EB)	\$79.51	/sample	2.0	\$159.02		
VOCs including oxygenates (8260B) (TB, FB, EB)	\$50.56	/sample	17.0	\$859.52		

EXHIBIT C - TETRA TECH COST PROPOSAL

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
PAHs (USEPA 8310) (EB)	\$87.55	/sample	13.0	\$1,138.15		
Organic Lead (DHS LUFT, excludes Pipeline well)	\$82.40	/sample	12.0	\$988.80		
Total lead (USEPA 6010B, pipeline well only)	\$19.52	/sample	2.0	\$39.04		
Ferrous Iron Fe 2+ (SM 3500 Fe B)	\$44.23	/sample	11.0	\$486.53		
Methane, Ethane, Ethylene (RSK 175)	\$65.80	/sample	11.0	\$723.80		
Nitrate and sulfate (USEPA 300.0)	\$31.58	/sample	11.0	\$347.38		
				EDD- Chevron	\$0.00	
				EDD- GeoTracker	\$0.00	
				5% subcontractor mark-up	\$274.71	
				Total for Task 2.2	\$21,220.99	

Task 2.3 IDW Characterization, Profiling, Manifesting, and Disposal for 2SA2022

Labor

Director	\$216.00	/hr	2.0	\$432.00		
Senior Scientist I	\$141.00	/hr	5.0	\$705.00		
Staff Scientist III	\$100.00	/hr	12.0	\$1,200.00		

Other Direct Costs (ODCs)

Field Supplies (gloves, respirator cartridges, ice, etc.)	\$25.75	LS	1.0	\$25.75		
Bailer for IDW sample	\$10.30	LS	1.0	\$10.30		
Field Vehicles	\$107.00	/day	1.0	\$107.00		

Laboratory Analyses (Eurofins Calscience) Water Samples

VOCs including oxygenates (8260B)	\$50.56	/sample	1.0	\$50.56		
Title 22 Metals (6010B/7470A) (CA Administrative Manual, CAM, Metals)	\$72.71	/sample	1.0	\$72.71		
TVPH C ₄ -C ₁₂ (8015B)	\$16.67	/sample	1.0	\$16.67		
TPH C ₁₃ -C ₄₀ (8015B)	\$36.05	/sample	1.0	\$36.05		
				EDD- Chevron	\$0.00	
				5% subcontractor mark-up	\$8.80	

Belshire Offsite Removal (Assume Non-hazardous)

Transport & Disposal, Non-Hazardous (DeMenno Kerdoon or equi	\$130.00	/drum	1.0	\$130.00		
Site Set-Up Fee and One-hr Pickup Window	\$240.00	/LS	1.0	\$240.00		
FedEx Manifest (standard overnight)	\$35.00	/LS	1.0	\$35.00		
Project Management and Profile Fee	\$150.00	/LS	1.0	\$150.00		
New metal open top drum	\$100.00	/drum	1.0	\$100.00		
Drum Delivery Fee	\$425.00	/trip	1.0	\$425.00		
Fuel Surcharge (estimated)	\$7.50	/drum	1.0	\$7.50		
				5% subcontractor mark-up	\$54.38	

Total for Task 2.3 \$3,806.71

Task 2.4 Second Semi-Annual 2022 GWM Data Collection

Labor

Director	\$216.00	/hr	2.0	\$432.00		
Senior Scientist I	\$141.00	/hr	12.0	\$1,692.00		
Staff Scientist II	\$100.00	/hr	4.0	\$400.00		

Total for Task 2.4 \$2,524.00

Total for Task 2 (2SA2022) \$30,050.00

Task 3. First Semi-Annual 2023 Groundwater Monitoring (January 1, 2023 through June 30, 2023)

Task 3.1 Project Management

Labor

Director	\$223.00	/hr	6.0	\$1,338.00		
Senior Scientist I	\$146.00	/hr	7.5	\$1,095.00		
Contract Administrator II	\$99.00	/hr	12.0	\$1,188.00		

Task 3.1 Total \$3,621.00

Task 3.2 Groundwater Sampling Activities (1SA2023)

Labor

Director	\$223.00	/hr	4.0	\$892.00		
Senior Scientist I	\$146.00	/hr	8.0	\$1,168.00		
Staff Scientist II	\$103.00	/hr	26.0	\$2,678.00		
Environmental Technician III (Weekend 1.5)	\$148.50	/hr	36.0	\$5,346.00		
Environmental Technician III (Weekend Overtime 2.0)	\$198.00	/hr	16.0	\$3,168.00		

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
<i>Other Direct Costs (ODCs)</i>						
Turbidity Meter - Sampling (Tt owned)	\$8.00	/day	2.0	\$16.00		
Interphase Probe (Tt owned)	\$10.00	/day	2.0	\$20.00		
MultiRAE/4-Gas meter (Tt owned)	\$25.50	/day	2.0	\$51.00		
Bladder pump (Tt owned 1 controller, one pump)	\$55.50	/day	2.0	\$111.00		
Digital Camera (Tt owned), 2 cameras	\$3.35	/day	4.0	\$13.40		
Water Quality Mctcr (YSI Rental)	\$149.35	/day	4.0	\$597.40		
Turbidity Meter - Sampling (Rental)	\$56.65	/day	2.0	\$113.30		
Second Bladder Pump with controller (Rental)	\$133.90	/day	2.0	\$267.80		
Interphase Probe (Rental)	\$56.65	/day	2.0	\$113.30		
Compressor (Rental)	\$66.95	/day	2.0	\$133.90		
Pump tubing and bladders	\$386.25	LS	1.0	\$386.25		
Field Supplies (PPE, towels, ice, decontamination and drinking water, etc.)	\$206.00	LS	1.0	\$206.00		
Tetra Tech Vehicles, 3 vehicles	\$112.00	/day	6.0	\$672.00		
<i>Laboratory Analyses (Eurofins Calscience)</i>						
<u>Groundwater Samples (including TB, FB, and EB)</u>						
TVPH C4-C12 (USEPA 8015B) (TB, FB, and EB)	\$17.18	/sample	17.0	\$292.06		
TPH C ₁₃ -C ₄₀ (8015) (EB)	\$37.14	/sample	13.0	\$482.82		
TPH C6-C44 with Silica Gel cleanup (Pipeline well & EB)	\$81.90	/sample	2.0	\$163.80		
VOCs including oxygenates (8260B) (TB, FB, EB)	\$52.08	/sample	17.0	\$885.36		
PAHs (8310) (EB)	\$90.18	/sample	13.0	\$1,172.34		
Organic Lead (excludes Pipeline well)	\$84.88	/sample	12.0	\$1,018.56		
Total lead (6010B)	\$20.11	/sample	2.0	\$40.22		
Ferrous Iron Fe 2+ (SM 3500 Fe B)	\$45.56	/sample	11.0	\$501.16		
Methane, Ethane, Ethylene (RSK 175)	\$67.78	/sample	11.0	\$745.58		
Nitrate and sulfate (EPA 300.0)	\$32.53	/sample	11.0	\$357.83		
		EDD- Chevron		\$0.00		
		EDD- GeoTracker		\$0.00		
		5% subcontractor mark-up		\$282.99		
		Total for Task 3.2			\$21,896.07	
Task 3.3 IDW Characterization, Profiling, Manifesting, and Disposal for 1SA2023						
<i>Labor</i>						
Director	\$223.00	/hr	2.0	\$446.00		
Senior Scientist I	\$146.00	/hr	5.0	\$730.00		
Staff Scientist II	\$103.00	/hr	12.0	\$1,236.00		
<i>Other Direct Costs (ODCs)</i>						
Field Supplies (gloves, respirator cartridges, ice, etc.)	\$26.52	LS	1.0	\$26.52		
Bailer for IDW sample	\$10.61	LS	1.0	\$10.61		
Field Vehicles	\$112.00	/day	1.0	\$112.00		
<i>Laboratory Analyses (Eurofins Calscience) Water Samples</i>						
VOCs including oxygenates (8260B)	\$52.08	/sample	1.0	\$52.08		
Title 22 Metals (6010B/7470A) (CA Administrative Manual, CAM, Metals)	\$74.90	/sample	1.0	\$74.90		
TVPH C ₄ -C ₁₂ (8015B)	\$17.18	/sample	1.0	\$17.18		
TPH C ₁₃ -C ₄₀ (8015B)	\$37.14	/sample	1.0	\$37.14		
		EDD- Chevron		\$0.00		
		5% subcontractor mark-up		\$9.07		
<u>Belshire Offsite Removal (Assume Non-hazardous)</u>						
Transport & Disposal, Non-Hazardous (DeMenno Kerdoon or equivalent)	\$133.90	/drum	1.0	\$133.90		
Site Set-Up Fee and One-hr Pickup Window	\$247.20	/LS	1.0	\$247.20		
FedEx Manifest (standard overnight)	\$36.05	/LS	1.0	\$36.05		
Project Management and Profile Fee	\$154.50	/LS	1.0	\$154.50		
New metal open top drum	\$103.00	/drum	1.0	\$103.00		
Drum Delivery Fee	\$437.75	/trip	1.0	\$437.75		
Fuel Surcharge (estimated)	\$7.73	/drum	1.0	\$7.73		
		5% subcontractor mark-up		\$56.01		
		Total for Task 3.3			\$3,927.63	

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
Task 3.4 First Semi-Annual 2023 GWM Data Collection						
<i>Labor</i>						
Director	\$223.00	/hr	2.0	\$446.00		
Senior Scientist I	\$146.00	/hr	12.0	\$1,752.00		
Staff Scientist II	\$103.00	/hr	4.0	\$412.00		
					Total for Task 3.4	\$2,610.00
					Total for Task 3 (1SA2023)	\$32,055.00

Task 4. Second Semi-Annual 2023 Groundwater Monitoring (July 1, 2023 through December 31, 2023)

Task 4.1 Project Management

<i>Labor</i>						
Director	\$223.00	/hr	4.0	\$892.00		
Senior Scientist I	\$146.00	/hr	7.5	\$1,095.00		
Contract Administrator II	\$99.00	/hr	6.0	\$594.00		
					Task 4.1 Total	\$2,581.00

Task 4.2 Groundwater Sampling Activities (2SA2023)

<i>Labor</i>						
Director	\$223.00	/hr	4.0	\$892.00		
Senior Scientist I	\$146.00	/hr	8.0	\$1,168.00		
Staff Scientist II	\$103.00	/hr	26.0	\$2,678.00		
Environmental Technician III (Weekend 1.5)	\$148.50	/hr	36.0	\$5,346.00		
Environmental Technician III (Weekend Overtime 2.0)	\$198.00	/hr	16.0	\$3,168.00		

Other Direct Costs (ODCs)

Turbidity Meter - Sampling (Tt owned)	\$8.00	/day	2.0	\$16.00		
Interphase Probe (Tt owned)	\$10.00	/day	2.0	\$20.00		
MultiRAE/4-Gas meter (Tt owned)	\$25.50	/day	2.0	\$51.00		
Bladder pump (Tt owned 1 controller, one pump)	\$55.50	/day	2.0	\$111.00		
Digital Camera (Tt owned), 2 cameras	\$3.35	/day	4.0	\$13.40		
Water Quality Meter (YSI Rental)	\$149.35	/day	4.0	\$597.40		
Turbidity Meter - Sampling (Rental)	\$56.65	/day	2.0	\$113.30		
Second Bladder Pump with controller (Rental)	\$133.90	/day	2.0	\$267.80		
Interphase Probe (Rental)	\$56.65	/day	2.0	\$113.30		
Compressor (Rental)	\$66.95	/day	2.0	\$133.90		
Pump tubing and bladders	\$386.25	LS	1.0	\$386.25		
Field Supplies (PPE, towels, ice, decontamination and drinking water, etc.)	\$206.00	LS	1.0	\$206.00		
Tetra Tech Vehicles, 3 vehicles	\$112.00	/day	6.0	\$672.00		

Laboratory Analyses (Eurofins Calscience)

Groundwater Samples (including TB, FB, and EB)

TVPH C4-C12 (8015) (TB, FB, and EB)	\$17.18	/sample	17.0	\$292.06		
TPH C13-C40 (8015) (EB)	\$37.14	/sample	13.0	\$482.82		
TPH C6-C44 with Silica Gel cleanup (Pipeline well & EB)	\$81.90	/sample	2.0	\$163.80		
VOCs including oxygenates (8260B) (TB, FB, EB)	\$52.08	/sample	17.0	\$885.36		
PAHs (8310) (EB)	\$90.18	/sample	13.0	\$1,172.34		
Organic Lead (excludes Pipeline well)	\$84.88	/sample	12.0	\$1,018.56		
Total lead (6010B)	\$20.11	/sample	2.0	\$40.22		
Ferrous Iron Fe 2+ (SM 3500 Fe B)	\$45.56	/sample	11.0	\$501.16		
Methane, Ethane, Ethylene (RSK 175)	\$67.78	/sample	11.0	\$745.58		
Nitrate and sulfate (EPA 300.0)	\$32.53	/sample	11.0	\$357.83		
				EDD- Chevron	\$0.00	
				EDD- GeoTracker	\$0.00	
				5% subcontractor mark-up	\$282.99	
				Total for Task 4.2	\$21,896.07	

Task 4.3 IDW Characterization, Profiling, Manifesting, and Disposal for 2SA2023

<i>Labor</i>						
Director	\$223.00	/hr	2.0	\$446.00		
Senior Scientist I	\$146.00	/hr	5.0	\$730.00		
Staff Scientist III	\$103.00	/hr	12.0	\$1,236.00		

Other Direct Costs (ODCs)

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
Field Supplies (gloves, respirator cartridges, ice, etc.)	\$26.52	LS	1.0	\$26.52		
Bailer for IDW sample	\$10.61	LS	1.0	\$10.61		
Field Vehicles	\$112.00	/day	1.0	\$112.00		
<i>Laboratory Analyses (Eurofins Calscience) Water Samples</i>						
VOCs including oxygenates (8260B)	\$52.08	/sample	1.0	\$52.08		
Title 22 Metals (6010B/7470A) (CA Administrative Manual, CAM, Metals)	\$74.90	/sample	1.0	\$74.90		
TVPH C ₄ -C ₁₂ (8015B)	\$17.18	/sample	1.0	\$17.18		
TPH C ₁₃ -C ₄₀ (8015B)	\$37.14	/sample	1.0	\$37.14		
		EDD- Chevron		\$0.00		
		5% subcontractor mark-up		\$9.07		
<i>Belshire Offsite Removal (Assume Non-hazardous)</i>						
Transport & Disposal, Non-Hazardous (DeMenno Kerdoon or equivalent)	\$133.90	/drum	1.0	\$133.90		
Site Set-Up Fee and One-hr Pickup Window	\$247.20	/LS	1.0	\$247.20		
FedEx Manifest (standard overnight)	\$36.05	/LS	1.0	\$36.05		
Project Management and Profile Fee	\$154.50	/LS	1.0	\$154.50		
New metal open top drum	\$103.00	/drum	1.0	\$103.00		
Drum Delivery Fee	\$437.75	/trip	1.0	\$437.75		
Fuel Surcharge (estimated)	\$7.73	/drum	1.0	\$7.73		
		5% subcontractor mark-up		\$56.01		
		Total for Task 4.3			\$3,927.63	
Task 4.4 Second Semi-Annual 2023 GWM Data Collection						
<i>Labor</i>						
Director	\$223.00	/hr	2.0	\$446.00		
Senior Scientist I	\$146.00	/hr	12.0	\$1,752.00		
Staff Scientist II	\$103.00	/hr	4.0	\$412.00		
		Total for Task 4.4			\$2,610.00	
		Total for Task 4 (2SA2023)				\$31,015.00
Task 5. First Semi-Annual 2024 Groundwater Monitoring (January 1, 2024 through June 30, 2024)						
Task 5.1 Project Management						
<i>Labor</i>						
Director	\$230.00	/hr	4.0	\$920.00		
Senior Scientist I	\$151.00	/hr	7.5	\$1,132.50		
Contract Administrator II	\$102.00	/hr	6.0	\$612.00		
		Task 5.1 Total			\$2,664.50	
Task 5.2 Groundwater Sampling Activities (1SA2024)						
<i>Labor</i>						
Director	\$230.00	/hr	4.0	\$920.00		
Senior Scientist I	\$151.00	/hr	8.0	\$1,208.00		
Staff Scientist II	\$107.00	/hr	26.0	\$2,782.00		
Environmental Technician III (Weekend 1.5)	\$153.00	/hr	36.0	\$5,508.00		
Environmental Technician III (Weekend Overtime 2.0)	\$204.00	/hr	16.0	\$3,264.00		
<i>Other Direct Costs (ODCs)</i>						
Turbidity Meter - Sampling (Tt owned)	\$8.50	/day	2.0	\$17.00		
Interphase Probe (Tt owned)	\$10.50	/day	2.0	\$21.00		
MultiRAE/4-Gas meter (Tt owned)	\$26.50	/day	2.0	\$53.00		
Bladder pump (Tt owned 1 controller, one pump)	\$57.50	/day	2.0	\$115.00		
Digital Camera (Tt owned), 2 cameras	\$2.10	/day	4.0	\$8.40		
Water Quality Meter (YSI Rental)	\$153.83	/day	4.0	\$615.32		
Turbidity Meter - Sampling (Rental)	\$58.35	/day	2.0	\$116.70		
Second Bladder Pump with controller (Rental)	\$137.92	/day	2.0	\$275.83		
Interphase Probe (Rental)	\$58.35	/day	2.0	\$116.70		
Compressor (Rental)	\$68.96	/day	2.0	\$137.92		
Pump tubing and bladders	\$397.84	LS	1.0	\$397.84		
Field Supplies (PPE, towels, ice, decontamination and drinking water, etc.)	\$212.18	LS	1.0	\$212.18		
Tetra Tech Vehicles, 3 vehicles	\$116.00	/day	6.0	\$696.00		

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
<i>Laboratory Analyses (Eurofins Calscience)</i>						
<u>Groundwater Samples (including TB, FB, and EB)</u>						
TVPH C4-C12 (8015) (TB, FB, and EB)	\$17.70	/sample	17.0	\$300.90		
TPH C13-C40 (8015) (EB)	\$38.26	/sample	13.0	\$497.38		
TPH C6-C44 with Silica Gel cleanup (Pipeline well & EB)	\$84.36	/sample	2.0	\$168.72		
VOCs including oxygenates (8260B) (TB, FB, EB)	\$53.65	/sample	17.0	\$912.05		
PAHs (8310) (EB)	\$92.89	/sample	13.0	\$1,207.57		
Organic Lead (excludes Pipeline well)	\$87.43	/sample	12.0	\$1,049.16		
Total lead (6010B)	\$20.72	/sample	2.0	\$41.44		
Ferrous Iron Fe 2+ (SM 3500 Fe B)	\$46.93	/sample	11.0	\$516.23		
Methane, Ethane, Ethylene (RSK 175)	\$69.82	/sample	11.0	\$768.02		
Nitrate and sulfate (EPA 300.0)	\$33.51	/sample	11.0	\$368.61		
				EDD- Chevron	\$0.00	
				EDD- GeoTracker	\$0.00	
				5% subcontractor mark-up	\$291.50	
				Total for Task 5.2	\$22,586.47	

Task 5.3 IDW Characterization, Profiling, Manifesting, and Disposal for 1SA2024*Labor*

Director	\$230.00	/hr	2.0	\$460.00		
Senior Scientist I	\$151.00	/hr	5.0	\$755.00		
Staff Scientist II	\$107.00	/hr	12.0	\$1,284.00		

Other Direct Costs (ODCs)

Field Supplies (gloves, respirator cartridges, ice, etc.)	\$27.32	LS	1.0	\$27.32		
Bailer for IDW sample	\$10.93	LS	1.0	\$10.93		
Field Vehicles	\$116.00	/day	1.0	\$116.00		

Laboratory Analyses (Eurofins Calscience) Water Samples

VOCs including oxygenates (8260B)	\$53.65	/sample	1.0	\$53.65		
Title 22 Metals (6010B/7470A) (CA Administrative Manual, CAM, Metals)	\$77.15	/sample	1.0	\$77.15		
TVPH C ₄ -C ₁₂ (8015B)	\$17.70	/sample	1.0	\$17.70		
TPH C ₁₃ -C ₄₀ (8015B)	\$38.26	/sample	1.0	\$38.26		
				EDD- Chevron	\$0.00	
				5% subcontractor mark-up	\$9.34	

Belshire Offsite Removal (Assume Non-hazardous)

Transport & Disposal, Non-Hazardous (DeMenno Kerdoon or equivalent)	\$137.92	/drum	1.0	\$137.92		
Site Set-Up Fee and One-hr Pickup Window	\$254.62	/LS	1.0	\$254.62		
FedEx Manifest (standard overnight)	\$37.14	/LS	1.0	\$37.14		
Project Management and Profile Fee	\$159.14	/LS	1.0	\$159.14		
New metal open top drum	\$106.09	/drum	1.0	\$106.09		
Drum Delivery Fee	\$450.89	/trip	1.0	\$450.89		
Fuel Surcharge (estimated)	\$7.97	/drum	1.0	\$7.97		
				5% subcontractor mark-up	\$57.69	

Total for Task 5.3 \$4,060.80**Task 5.4 First Semi-Annual 2024 GWM Data Collection***Labor*

Director	\$230.00	/hr	2.0	\$460.00		
Senior Scientist I	\$151.00	/hr	12.0	\$1,812.00		
Staff Scientist II	\$107.00	/hr	4.0	\$428.00		

Total for Task 5.4 \$2,700.00**Total for Task 5 (1SA2024) \$32,012.00****Task 6. Second Semi-Annual 2024 Groundwater Monitoring (July 1, 2024 through December 31, 2024)****Task 6.1 Project Management***Labor*

Director	\$230.00	/hr	4.0	\$920.00		
Senior Scientist I	\$151.00	/hr	7.5	\$1,132.50		
Contract Administrator II	\$102.00	/hr	6.0	\$612.00		

Task 6.1 Total \$2,664.50**Task 6.2 Groundwater Sampling Activities (2SA2024)**

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TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
<i>Labor</i>						
Director	\$230.00	/hr	4.0	\$920.00		
Senior Scientist I	\$151.00	/hr	8.0	\$1,208.00		
Staff Scientist II	\$107.00	/hr	26.0	\$2,782.00		
Environmental Technician III (Weekend 1.5)	\$153.00	/hr	36.0	\$5,508.00		
Environmental Technician III (Weekend Overtime 2.0)	\$204.00	/hr	16.0	\$3,264.00		
<i>Other Direct Costs (ODCs)</i>						
Turbidity Meter - Sampling (Tt owned)	\$8.50	/day	2.0	\$17.00		
Interphase Probe (Tt owned)	\$10.50	/day	2.0	\$21.00		
MultiRAE/4-Gas meter (Tt owned)	\$26.50	/day	2.0	\$53.00		
Bladder pump (Tt owned 1 controller, one pump)	\$57.50	/day	2.0	\$115.00		
Digital Camera (Tt owned), 2 cameras	\$2.10	/day	4.0	\$8.40		
Water Quality Meter (YSI Rental)	\$153.83	/day	4.0	\$615.32		
Turbidity Meter - Sampling (Rental)	\$58.35	/day	2.0	\$116.70		
Second Bladder Pump with controller (Rental)	\$137.92	/day	2.0	\$275.83		
Interphase Probe (Rental)	\$58.35	/day	2.0	\$116.70		
Compressor (Rental)	\$68.96	/day	2.0	\$137.92		
Pump tubing and bladders	\$397.84	LS	1.0	\$397.84		
Field Supplies (PPE, towels, ice, decontamination and drinking water, etc.)	\$212.18	LS	1.0	\$212.18		
Tetra Tech Vehicles, 3 vehicles	\$116.00	/day	6.0	\$696.00		
<i>Laboratory Analyses (Eurofins Calscience)</i>						
<u>Groundwater Samples (including TB, FB, and EB)</u>						
TVPH C4-C12 (8015) (TB, FB, and EB)	\$17.70	/sample	17.0	\$300.90		
TPH C13-C40 (8015) (EB)	\$38.26	/sample	13.0	\$497.38		
TPH C6-C44 with Silica Gel cleanup (Pipeline well & EB)	\$84.36	/sample	2.0	\$168.72		
VOCs including oxygenates (8260B) (TB, FB, EB)	\$53.65	/sample	17.0	\$912.05		
PAHs (8310) (EB)	\$92.89	/sample	13.0	\$1,207.57		
Organic Lead (excludes Pipeline well)	\$87.43	/sample	12.0	\$1,049.16		
Total lead (6010B)	\$20.72	/sample	2.0	\$41.44		
Ferrous Iron Fe 2+ (SM 3500 Fe B)	\$46.93	/sample	11.0	\$516.23		
Methane, Ethane, Ethylene (RSK 175)	\$69.82	/sample	11.0	\$768.02		
Nitrate and sulfate (EPA 300.0)	\$33.51	/sample	11.0	\$368.61		
				EDD- Chevron	\$0.00	
				EDD- GeoTracker	\$0.00	
				5% subcontractor mark-up	\$291.50	
				Total for Task 6.2	\$22,586.47	

Task 6.3 IDW Characterization, Profiling, Manifesting, and Disposal for 2SA2024

<i>Labor</i>						
Director	\$230.00	/hr	2.0	\$460.00		
Senior Scientist I	\$151.00	/hr	5.0	\$755.00		
Staff Scientist III	\$107.00	/hr	12.0	\$1,284.00		
<i>Other Direct Costs (ODCs)</i>						
Field Supplies (gloves, respirator cartridges, ice, etc.)	\$27.32	LS	1.0	\$27.32		
Bailer for IDW sample	\$10.93	LS	1.0	\$10.93		
Field Vehicles	\$116.00	/day	1.0	\$116.00		
<i>Laboratory Analyses (Eurofins Calscience) Water Samples</i>						
VOCs including oxygenates (8260B)	\$53.65	/sample	1.0	\$53.65		
Title 22 Metals (6010B/7470A) (CA Administrative Manual, CAM, Metals)	\$77.15	/sample	1.0	\$77.15		
TVPH C ₄ -C ₁₂ (8015B)	\$17.70	/sample	1.0	\$17.70		
TPH C ₁₃ -C ₄₀ (8015B)	\$38.26	/sample	1.0	\$38.26		
				EDD- Chevron	\$0.00	
				5% subcontractor mark-up	\$9.34	

Belshire Offsite Removal (Assume Non-hazardous)

Transport & Disposal, Non-Hazardous (DeMenno Kerdoon or equivalent)	\$137.92	/drum	1.0	\$137.92		
Site Set-Up Fee and One-hr Pickup Window	\$254.62	/LS	1.0	\$254.62		
FedEx Manifest (standard overnight)	\$37.14	/LS	1.0	\$37.14		

EXHIBIT C - TETRA TECH COST PROPOSAL

TASK DESCRIPTION	Rate (\$/unit)	Unit	Quantity	Extended Cost	Subtotals	Totals
Project Management and Profile Fee	\$159.14	/LS	1.0	\$159.14		
New metal open top drum	\$106.09	/drum	1.0	\$106.09		
Drum Delivery Fee	\$450.89	/trip	1.0	\$450.89		
Fuel Surcharge (estimated)	\$7.97	/drum	1.0	\$7.97		
		<i>5% subcontractor mark-up</i>		\$57.69		
				Total for Task 6.3	\$4,060.80	
Task 6.4 Second Semi-Annual 2024 GWM Data Collection						
<i>Labor</i>						
Director	\$230.00	/hr	2.0	\$460.00		
Senior Scientist I	\$151.00	/hr	12.0	\$1,812.00		
Staff Scientist II	\$107.00	/hr	4.0	\$428.00		
				Total for Task 6.4	\$2,700.00	
				Total for Task 6 (2SA2024)		\$32,012.00
				Total for Tasks 1 through 6		\$187,386.00
				Contingency		\$40,821.00
				Total with Contingency		\$228,207.00

EXHIBIT C - TETRA TECH COST PROPOSAL