

**City of Westminster**

8200 Westminster Blvd.  
Westminster, CA 92683

**Professional Services Agreement**

**THIS AGREEMENT**, made and entered into this July 1 day of July, 2020, between the City of Westminster (CITY), a municipal corporation located in the County of Orange, State of California, and Telluris, Inc., (CONSULTANT) with principal offices at 1511 Lakeside Lane, Huntington Beach, CA 92648.

**WITNESSETH**

**WHEREAS**, CITY desires to engage CONSULTANT to perform professional contracting services for Remediation Work for Westminster Corporation Yard Tank Site, to the City of Westminster; and

**WHEREAS**, CONSULTANT is experienced in providing such services for municipal corporations and is able to provide personnel with the requisite experience and background to carry out these duties.

**NOW, THEREFORE**, in consideration of the mutual covenants, benefits, and promises hereinabove stated, the parties hereto agree as follows:

**I. SERVICES TO BE PERFORMED**

CITY agrees to engage CONSULTANT to perform the services contained within CONSULTANT'S proposal dated August 7, 2019, a copy of which is attached hereto as **Exhibit "A"** and incorporated herein by this reference as if set forth in full.

**II. TIME FOR PERFORMANCE**

CONSULTANT shall begin work within ten (10) days following execution of this Agreement by CITY. CONSULTANT shall attempt to complete all tasks within the timeline agreed upon by the CITY and the CONSULTANT. The CONSULTANT shall be responsible for its work schedule only to the extent that the CONSULTANT has reasonable control over the work schedule.

**III. PERFORMANCE TO REASONABLE SATISFACTION OF CITY**

CONSULTANT agrees to perform all work to the reasonable satisfaction of CITY and within the time hereinafter specified. Evaluations of the work will be done by Adolfo Ozaeta or his/her designee. If the quality of work is not reasonably satisfactory, CITY, in its discretion, has the right to:

- A)** Meet with CONSULTANT to review the quality of the work and resolve the matter(s) of concern;
- B)** Require CONSULTANT to reproduce the work at no additional fee until it is satisfactory; and/or
- C)** Terminate the Agreement as hereinafter set forth.

#### **IV. COMPLIANCE WITH LAW**

All services rendered hereunder shall be provided in accordance with the requirements of relevant local, State, and Federal laws.

#### **V. FAMILIARITY WITH WORK**

By execution of this Agreement, CONSULTANT warrants that:

- A) It has thoroughly investigated and considered the work to be performed;
- B) It possesses any and all licenses which are required under State or Federal law to perform the work contemplated by this Agreement, and shall maintain all appropriate licenses during the performance of this Agreement;
- C) It has expertise in the area of providing program management professional services;
- D) It carefully considered how the work should be performed; and
- E) It fully understands the difficulties and restrictions attending the performance of the work under this Agreement.

#### **VI. COMPENSATION**

##### **A. Services Described in Proposal**

For the provision of all services rendered under this Agreement in accordance with the scope of services attached hereto and all expenses associated therewith, CITY shall pay CONSULTANT as specified under CONSULTANT'S "Fee Proposal".

##### **B. Additional Services**

For any additional services, change orders or any additional compensation of any nature to be proposed for payment to CONSULTANT by CITY, such modification of this original Agreement shall be a written request executed by CONSULTANT and approved in writing by CITY.

It is specifically understood that oral requests or approvals of such additional services, change orders, or additional compensation and any approvals from CITY shall be barred and are unenforceable.

##### **C. Payment Procedure**

CONSULTANT shall, on the first of each month, submit a monthly invoice to the CITY for work performed. Within ten (10) working days of receipt of such invoice, CITY shall determine whether CONSULTANT has satisfactorily performed the work described in the invoice. CITY shall thereafter pay CONSULTANT on a monthly basis.

#### **VII. TERMINATION**

This Agreement may be terminated with or without cause by CITY at any time by providing CONSULTANT with written notice of termination no less than thirty (30) calendar days in advance of such termination. In the event of such termination, CONSULTANT shall be compensated for services rendered as of the date of termination. Compensation for work in progress shall be prorated as to the percentage of work completed as of the date of termination. In the event of such termination, CONSULTANT shall immediately stop rendering services under this Agreement unless directed otherwise by CITY, and shall

deliver to CITY all plans, data, reports, summaries, data disks, and all such other information and materials as CONSULTANT may have accumulated in performing this Agreement. CITY shall not be liable for any claim of lost profits. Additionally any party may cancel the agreement as a result of negligent service given, at any time, provided that there has been a thirty (30) day warning given in advance to the other party that would allow the other party to correct the problem.

This Agreement may be terminated by CONSULTANT by providing CITY with written notice no less than thirty (30) calendar days in advance of such termination.

**VIII. COORDINATION OF WORK**

**A. Selection of Representatives**

The following principals of CONSULTANT are hereby designated as the principals and representatives of CONSULTANT authorized to act in its behalf with respect to the work specified in this Agreement:

1. Stephen P. Walter
2. \_\_\_\_\_

The foregoing principals may not be changed by CONSULTANT without the express written approval of CITY.

**B. CITY Representatives**

The CITY'S representatives shall be:

1. Scott Maestresjuan
2. \_\_\_\_\_

or such other person as designated by the City Manager of the CITY. It shall be the CONSULTANT'S responsibility to assure that the CITY'S representative(s) is kept informed of the progress of the performance of the services, and the CONSULTANT shall refer any decision, which must be made by the CITY, to the representative(s). Unless otherwise specified herein, any required CITY approval shall mean the approval of the CITY representative(s).

**IX. INDEPENDENT CONSULTANT**

**A. Consultant Status**

CONSULTANT is an independent CONSULTANT and not an employee of CITY. Neither CITY nor any of its employees shall have any control over the conduct of the CONSULTANT or any of the CONSULTANT'S employees, except as herein set forth, and, CONSULTANT expressly warrants not to, at any time or in any manner, represent that CONSULTANT, or any of CONSULTANT'S officers, employees, or agents, are in any manner officers, employees, or agents of CITY. It is distinctly understood that said CONSULTANT is, and shall at all times, remain as to the CITY a wholly independent CONSULTANT, and that CONSULTANT'S obligations to the CITY are solely such as are prescribed by this Agreement.

**B. Consultant's Personal Services - Inducement**

This Agreement contemplates that the CONSULTANT'S personal services and those of CONSULTANT'S officers, employees, and agents are a substantial inducement to the CITY for entering into this Agreement. CONSULTANT may not assign any interest in this Agreement, except upon written consent of CITY. CONSULTANT shall have no authority, express or implied, to bind CITY to any obligation whatsoever.

Furthermore, unless expressly provided otherwise in CONSULTANT'S proposal, CONSULTANT shall not subcontract any portion of the performance contemplated under this Agreement without the prior written approval of the CITY. Nothing in this Agreement shall be construed as preventing CONSULTANT from employing as many employees as CONSULTANT deems necessary for the proper and efficient execution of this Agreement.

CITY shall not have the right to control the means by which CONSULTANT accomplishes service rendered pursuant to this Agreement. CONSULTANT shall, at its sole cost and expense, furnish all facilities, materials and equipment that may be required for furnishing services pursuant to this Agreement.

**X. INDEMNITY, DEFENSE, AND HOLD HARMLESS**

CONSULTANT agrees to defend, indemnify, hold free and harmless the City, its elected and appointed officials, officers, agents and employees, at Consultant's sole expense, from and against any and all claims, demands, actions, suits or other legal proceedings arising out of, pertaining to, or relating to the negligence, recklessness, or willful misconduct of Consultant brought against the City, its elected and appointed officials, officers, agents and employees arising out of the performance of the Consultant, its employees, and/or authorized subcontractors, of the work undertaken pursuant to this Agreement. The defense obligation provided for hereunder shall apply whenever any claim, action, complaint or suit asserts liability against the City, its elected and appointed officials, officers, agents and employees based upon the negligence, recklessness, or willful misconduct of the Consultant, its employees, and/or authorized subcontractors under this Agreement, whether or not the Consultant, its employees, and/or authorized subcontractors are specifically named or otherwise asserted to be liable. Notwithstanding the foregoing, the Consultant shall not be liable for the defense or indemnification of the City for claims, actions, complaints or suits arising out of the sole active negligence or willful misconduct of the City and in no event shall the cost to defend charged to the design professional exceed the design professional's proportionate percentage of fault, as required and with the exception set forth in California Civil Code Section 2782.8. This provision shall supersede and replace all other indemnity provisions contained either in the City's specifications or Consultant's Proposal, which shall be of no force and effect.

**XI. INSURANCE**

CONSULTANT shall procure and maintain for the duration of the contract the following insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the Contract by CONSULTANT, his agents, representatives, employees or subconsultants:

- A. General Liability: \$2,000,000.00 combined single limit for each occurrence.
- B. Professional Liability: Appropriate to CONSULTANT's profession, written on a "claims made" basis with a limit of no less than \$2,000,000 per claim and \$5,000,000 in the aggregate.
- B. Worker's Compensation as required by the Labor Code of the State of California

Before CONSULTANT performs any work or prepares or delivers any materials, CONSULTANT shall furnish certificates of insurance and/or endorsements, as required by CITY, evidencing the foregoing insurance coverage on forms acceptable to the CITY, which shall provide that the insurance in force will not be canceled, modified or allowed to lapse without thirty (30) days' written notice to the CITY.

All insurance maintained by CONSULTANT shall be issued by companies admitted to conduct insurance business along the lines of insurance supplied in the State of California and having a Best's Guide rating of Grade A or better and Class VII or better by the latest editions of Best's Key Rating Guide.

Neither the CITY nor any of its elected or appointed officials, officers, agents, employees, or volunteers makes any representation that the types of insurance and the limits specified to be carried by CONSULTANT under this Agreement are adequate to protect CONSULTANT. If CONSULTANT believes that any such insurance coverage is insufficient, CONSULTANT shall provide, at its own expense, such additional insurance as CONSULTANT deems adequate.

The procuring of such insurance or the delivery of policies or certificates evidencing the same shall not be construed as a limitation of CONSULTANT'S obligation to indemnify the CITY, its elected or appointed officials, officers, agents, employees, or volunteers.

## **XII. EQUAL EMPLOYMENT OPPORTUNITY**

During the performance of this Agreement, the CONSULTANT agrees as follows:

The CONSULTANT shall not discriminate against any employee or applicant for employment because of age, race, color, religion, sex, marital status, national origin, or mental or physical disability. The CONSULTANT will ensure that applicants are employed and that employees are treated during employment, without regard to their age, race, color, religion, sex, marital status, national origin, or mental or physical disability. Such actions shall include, but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training, including apprenticeship. The CONSULTANT agrees to post in conspicuous places, available to employees and applicants for employment, a notice setting forth provisions of this non-discrimination clause.

The CONSULTANT shall, in all solicitations and advertisements for employees placed by, or on behalf of the CONSULTANT, state that all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, marital status, national origin, or mental or physical disability. The CONSULTANT shall cause the foregoing paragraphs (a) and (b) to be inserted in all subcontracts for any work covered by the Agreement, provided that the foregoing provisions shall not apply to subcontracts for standard commercial supplies or raw materials.

## **XIII. MISCELLANEOUS**

### **A. Ownership of Documents**

All reports, as well as all original reproducible drawings, plans, studies, memoranda, computation sheets, floppy disks, and other documents and materials assembled or

prepared by CONSULTANT or CONSULTANT'S agents, officers, or employees in connection with this Agreement, including any and all copyright interest therein, shall be the property of the CITY and shall be delivered to the CITY upon either the completion or termination of the Project. Copies of said documents may not be retained by CONSULTANT, and shall not be made available by CONSULTANT to any individual or organization without the prior written approval of CITY, except as required by law. CONSULTANT or CONSULTANT'S agents shall execute such documents as may be necessary from time to time to confirm City's ownership of the copyright in such documents.

**B. Notices**

Any notices to be given pursuant to this Agreement shall be given by enclosing the same in the sealed envelope, postage prepaid, and depositing the same in the United States Postal Service, addressed as follows:

**CITY:**

City of Westminster  
8200 Westminster Blvd.  
Westminster, CA 92683

Attn: Scott Maestrejuan

**CONSULTANT:**

Telluris, Inc.  
1511 Lakeside Lane  
Huntington Beach, CA 92648  
Attn: Stephen P. Walter

**C. Enforcement of Agreement**

This Agreement shall be construed and interpreted as to both validity and performance of the parties in accordance with the laws of the State of California. Legal actions concerning any dispute, claim, or matter arising out of or in relation to this Agreement shall be instituted in the Superior Court of the County of Orange, State of California, or any other appropriate court in such county, and CONSULTANT covenants and agrees to submit to the personal jurisdiction of such court in the event of such action.

**D. Disputes**

In the event of any dispute arising under this Agreement, the injured Party shall notify the injuring Party in writing of its contentions by submitting a claim therefore.

The injured Party shall continue performing its obligations hereunder so long as the injuring Party cures any default within ninety (90) calendar days after service of the notice, or if the cure of the default is commenced within thirty (30) calendar days after service of said notice and is cured within a reasonable time after commencement; provided that, if the default creates an immediate danger to the health, safety, and general welfare, the CITY may take immediate action. Compliance with the provisions of this Section shall be a condition precedent to any legal action, and such compliance shall not be a waiver of any Party's right to take legal action in the event that the dispute is not cured.

**E. Waiver**

No delay or omission in the exercise of any right or remedy of a non-defaulting Party on any default shall impair such right or remedy or be construed as a waiver. CITY's consent or approval of any act by CONSULTANT requiring CITY's consent to or approval of any subsequent act of CONSULTANT, or any waiver by either Party of any default must be in

writing and shall not be a waiver of any other default concerning the same or any other provision of this Agreement.

**F. Conflicts Of Interest**

CONSULTANT agrees that it shall not make, participate in the making, or in any way attempt to use its position as a CONSULTANT to influence any decision of the CITY in which the CONSULTANT knows or has reason to know that CONSULTANT, its officers, partners, agents, or employees have a financial interest as defined in Section 87103 of the Government Code.

**G. Audit of Records**

In accordance with generally accepted accounting principles, CONSULTANT shall maintain reasonably full and complete records of the cost of and completion of services performed under this Agreement. During the term of this Agreement and for a period of two (2) years after termination of this Agreement, the CITY shall have the right to inspect and/or audit CONSULTANT'S records pertaining to this contract and the services to be performed hereunder at CONSULTANT'S office location. CONSULTANT agrees to make available all pertinent records for the purpose of such inspection and/or audit at its offices during normal business hours and upon three (3) calendar days' notice from the CITY.

**H. Rights and Remedies are Cumulative**

Except with respect to rights and remedies expressly declared to be exclusive in this Agreement, the rights and remedies of the Parties are cumulative and the exercise by either Party of one or more of such rights or remedies shall not preclude the exercise by it, at the same or different times, of any other rights or remedies for the same default or any other default by the other Party.

**I. Legal Action**

In addition to any other rights or remedies, either Party may take legal action, in law or in equity, to cure, correct, or remedy and default, to recover damages for any default, to compel specific performance of this Agreement, to obtain injunctive relief, or to obtain any other remedy consistent with the purposes of this Agreement.

**J. Integration**

This agreement represents the entire understanding of the CITY and the CONSULTANT. No prior oral or written understanding shall be of any force or effect with respect to those matters covered in this Agreement. Any work performed, which is inconsistent with or in violation of the provisions of this Agreement, shall not be compensated. This Agreement may not be altered, amended, or modified except in writing executed by both Parties hereto.

**K. Amendment**

This Agreement may be amended only by the written mutual consent of the Parties.

***IN WITNESS WHEREOF***, the Parties hereto have caused this Agreement to be duly executed with all the formalities required by law on the respective dates set forth opposite their signatures.

CITY OF WESTMINSTER

Checked for  
Marwan Youssef, CITY MANAGER

12/01/2021  
DATE

ATTEST:

Abigail Y. Alcalá  
CHRISTINE GORDON, CITY CLERK  
Abigail Y. Alcalá, Assistant

12/01/2021  
DATE

APPROVED AS TO FORM:

Christian Bellenhausen 11/30/21  
Christian Bellenhausen, CITY ATTORNEY

APPROVED AS TO INSURANCE

DATE: 3-1-21  
BY: [Signature]  
RISK MANAGEMENT

CONSULTANT

Stephen Powell Feb 5, 2021  
SIGNATURE & TITLE DATE

Telluris, Inc. 1511 Lakeside Lane, Huntington Beach, CA 92648  
COMPANY NAME ADDRESS, CITY, STATE, ZIP

# UST Cleanup Fund Programs Project Execution Plan

## Cover Page

Exhibit A

Project/Site Information		Site Closure Information	
Claim No (s) or Grant ID :	6980	Total Amount Reimbursed To Date:	\$973,010.00
Project or Site Name:	Westminster Maintenance Yard	Total Submitted Costs (not reimbursed yet):	\$27,099.00
Project or Site Address:	14381 Olive, Westminster, CA 92683	Total Unsubmitted Costs:	\$62,704.00
<b>Contact Information</b>		Projected Total Cost to Closure/Completion:	\$1,419,844.29
Claimant/Grantee Name:	City of Westminster	<b>Budget Information</b>	
Claimant/Grantee Contact Name:	Scott Maestrijuan	Fiscal Year Start Date	Projected Cost for Fiscal Year
Claimant/Grantee Email Address:	scottm@westminster-ca.gov	7/1/2020	\$113,933.15
Claimant/Grantee Phone Number:	714 483 6532	7/1/2021	\$73,978.95
Fund Staff Name and Email Address:	Adrian Perez	7/1/2022	\$73,978.95
Fund Supervisor Name and Email Address:	Caryl Sheehan Caryl.Sheehan@waterboards.ca.gov	7/1/2023	\$26,101.32
Regulator Staff Name and Email Address:	Tamara Escobedo tesobedo@ochca.com	7/1/2024	\$69,038.91
Regulator Supervisor Name and Email Address:	Geniece Higgins ghiggins@ochca.com	7/1/2025	\$0.00
		Total PEP Projected Cost:	
		\$357,031.29	

### Proposed Scope of Work

**Summary of Closure Criteria Not Met:**  
 General (OCHCA) Criteria : TBA plume not delineated. GW Specific (2) c - Supply Well/Surface Water < 1,000'

**Summary of Project/Scope of Work (SOW):**

Continued pump & treat operation and groundwater monitoring, perform soil gas vapor survey, re-survey well coordinates/elevation, abandon wells and remove remediation system.

**Date of Agreement:** 8/7/2019

Revision Information		If Cost Overages, briefly explain:	
Current FY Budget Amount:	(auto-fill from Summary Page)	Revision No.	N/A
Current FY Proposed Budget Amount:	\$113,933.15	Reason for Revision:	(Select from Pull-Down Menu)
Current FY Proposed Budget Category:	CAP/REM		
Claimant Signature		Claimant Name Printed	
		Date	

**UST Cleanup Fund Programs  
Project Execution Plan  
Summary Page**

<b>Fiscal Year Start Date of PEP</b>		<b>7/1/2020</b>	
<b>Section 1</b>			
<b>Reason for PEP</b>	<b>Fund Program</b>	<b>Claims ECAP - Expedited Claim Account Program</b>	<b>PEP Agreement Date</b>
<b>Current FY Budget Amount</b>	<b>Initial PEP</b>	<b>CAP/REM - Corrective Action Plan/Remediation</b>	<b>8/7/2019</b>
			<b>Revision No.</b>
			<b>N/A</b>
<b>Section 2</b>			
<b>Project or Site Name</b>	<b>Westminster Maintenance Yard</b>	<b>Project or Site Address</b>	<b>14381 Olive, Westminster, CA 92683</b>
<b>Claim No.(s) or Project No.(s)</b>	<b>6980</b>	<b>Global ID or Envirostor ID</b>	<b>T0605900773</b>
<b>Claimant/Grantee Name</b>	<b>City of Westminster</b>	<b>Lead Agency</b>	<b>Orange County LOP</b>
<b>Claimant/Grantee Contact Phone Number</b>	<b>714 483 6532</b>	<b>Claimant/Grantee Contact Name</b>	<b>Scott Maestresjuan</b>
<b>Fund Staff Name &amp; Email</b>	<b>Adrian Perez</b>	<b>Claimant/Grantee Email Address</b>	<b>scottm@westminster-ca.gov</b>
<b>Fund Staff Phone</b>	<b>916 322 9686</b>	<b>Regulatory Staff Name &amp; Email</b>	<b>Tamara Escobedo tesobedo@ochca.com</b>
<b>Fund Supervisor Name &amp; Email</b>	<b>Caryl Sheehan Caryl.Sheehan@waterboards.ca.gov</b>	<b>Regulatory Staff Phone</b>	<b>714 433 6251</b>
<b>1 Consultant Business Name</b>	<b>Telluris, Inc.</b>	<b>Regulatory Supervisor Name &amp; Email</b>	<b>Geniece Higgins ghiggins@ochca.com</b>
<b>1 Consultant Contact Name &amp; Email</b>	<b>Steve Walter steve@telluris.us</b>	<b>2 Consultant Business Name</b>	
<b>1 Consultant Contact Phone</b>	<b>714 296 1174</b>	<b>2 Consultant Contact Name &amp; Email</b>	
		<b>2 Consultant Contact Phone</b>	
<b>Section 3</b>			
<b>1 - Directives</b>	<b>(insert hyperlink)</b>	<b>1 - Geo Tracker or Envirostor Report</b>	<b>WP - Work Plan</b>
			<b>4/23* /2020</b>
<b>2 - Directives</b>	<b>(insert hyperlink)</b>	<b>2 - Geo Tracker or Envirostor Report</b>	<b>(Select Type of Document)</b>
			<b>(date)</b>
<b>3 - Directives</b>	<b>(insert hyperlink)</b>	<b>3 - Geo Tracker or Envirostor Report</b>	<b>(Select Type of Document)</b>
			<b>(date)</b>
<b>4 - Directives</b>	<b>(insert hyperlink)</b>	<b>4 - Geo Tracker or Envirostor Report</b>	<b>(Select Type of Document)</b>
			<b>(date)</b>
<b>Date of Last Case Closure Review Summary Report</b>	<b>5/11/2010</b>	<b>Date of Low-Threat Closure Policy (LTCP) Checklist</b>	<b>6/1/2020</b>
		<b>Date of Path to Closure Plan</b>	<b>6/1/2020</b>
<b>Section 4</b>			
<b>Brief Summary of Criteria Not Met</b>	<b>(Example: General Criteria e: MTBE plume not delineated. GW Specific 4(c): Domestic water supply well threatened (&lt;250 feet).)</b>		
<b>General Criteria (Met/Not Met?)</b>	<b>GW Specific Criteria (Met/Not Met?)</b>	<b>Vapor Intrusion to Indoor Air Criteria (Met/Not Met?)</b>	<b>Direct Contact and Outdoor Air Criteria (Met/Not Met?)</b>
<b>a - Located in Public Water System</b>	<b>Class 2</b>	<b>No Soil Gas Samples</b>	<b>Not Enough Data/Outdated Data</b>
<b>f - Secondary Source Removed Practicable (Select Criteria Not Met)</b>	<b>(2) c - Supply Well/Surface Water &lt; 1,000' (Select Criteria Not Met)</b>	<b>(Select Impediment)</b>	<b>(Select Impediment)</b>
<b>(Select Criteria Not Met)</b>	<b>(Select Criteria Not Met)</b>	<b>(Select Impediment)</b>	<b>(Select Impediment)</b>
<b>(Select Criteria Not Met)</b>	<b>(Select Criteria Not Met)</b>	<b>(Select Impediment)</b>	<b>(Select Impediment)</b>
<b>Brief Summary Path to Closure Scope of Work</b>			
<b>Continued pump &amp; treat operation and groundwater monitoring, perform soil gas vapor survey, re-survey well coordinates/elevation, abandon wells and remove remediation system.</b>			
<b>Section 5</b>			
<b>Historical Costs</b>		<b>Estimated Costs to Closure</b>	
<b>Total Amount Reimbursed To Date:</b>	<b>\$973,010.00</b>	<b>Total Project Costs To Date:</b>	<b>\$1,062,813.00</b>
<b>Total Submitted Costs (not reimbursed yet):</b>	<b>\$27,099.00</b>	<b>Total PEP Costs:</b>	<b>\$357,031.29</b>
<b>Total Unsubmitted Costs:</b>	<b>\$62,704.00</b>	<b>Total Project Costs To Close:</b>	<b>\$1,419,844.29</b>

# UST Cleanup Programs Project Execution Plan

## Detailed Scope of Work - Current Fiscal Year

Fiscal Year: 7/1/2020

Site Assessment					
A. Soil Borings (no well)		B. Borings/wells		C. Soil gas sampling	
	Number of borings		Number of wells	4	Number of points
	Total footage - all borings (ft)		Total footage - all wells (ft)	P	Temp or Permanent? (T or P)
	Grab groundwater? (Y or N)		Casing diameter (inches)	N	Mobile lab? (Y or N)
	Traffic control? (Y or N)		Traffic control? (Y or N)	N	Traffic control? (Y or N)
(select rig type)	Rig type	(select type)	Rig type		
Groundwater Monitoring					
2	Number of events	Y	Traffic control? (Y or N)		
13	Number of wells		hand bailer		Purge method
20	Average depth of wells				
Interim Remedial Action					
(select technology)	Interim remedial technology		(select type)		SVE/DPE/GWE system type
	Excavation dimensions (L' x W' x D')		(select operation type)		Free Product Removal Type
	Duration of action (in days)				
Remedial Selection (Pilot Test)					
Type of test: (check all that apply)		Number of additional DPE/GWE/Observation wells		Type of treatment: (check all that apply)	
	Air Sparge		Total footage of DPE/GWE/Observation wells (ft)		Carbon
	DPE		Number of additional Air Sparge wells		Thermal
	SVE		Total footage of Air Sparge wells (ft)		Catox
	GWE		Duration of pilot test (days)		Offsite disposal
Remedial Implementation (System Construction)					
Use "Remediation Information" tab					
Well Destruction and Site Restoration					
1	Number of wells	1	Number of Surface Refinishings		
20	Total footage (ft)	1	Asphalt		
4	Casing diameter (inches)		Concrete		
P	Pressure grout or Over drill (P or O)		Special (e.g. ROW/Caltrans)		
Scope of Work (Summarize Tasks)					
Detailed scope of work to be completed this fiscal year	1.0 GW Monitoring		4.0 Soil Gas Survey		
	1.1 Field Work		4.1 Field Work		
	<ul style="list-style-type: none"> <li>▫ 13 wells, average depth 20 ft</li> <li>▫ No purge sampling</li> <li>▫ 6 offsite wells in street - local traffic control</li> <li>▫ OCHCA wants semi-annual monitoring (2 events)</li> </ul>		<ul style="list-style-type: none"> <li>▫ 4 permanent probes located in water meter boxes in sidewalk east of Olive</li> <li>▫ Hand auger probe installation</li> <li>▫ Summa cannister samples</li> </ul>		
	2.0 Pump & Treat O&M		▫ Stationary Lab - Eurofins within 15 mins.		
	2.1 Field Work - Twice Weekly O&M		▫ Stationary Lab - Eurofins within 15 mins.		
	<ul style="list-style-type: none"> <li>▫ 4 wells - 20'. 4 sediment filters. 3 carbon drums</li> <li>▫ Twice weekly filter replacement. Chlorine well treatment. Clean manifold &amp; filter rack</li> </ul>		4.2 Soil Gas Survey Report		
	<ul style="list-style-type: none"> <li>▫ Quarterly influent/discharge monitoring. 4 samples each per event</li> <li>▫ Replace carbon drums as required - typically 1 drum per month</li> </ul>		5.0 Well and vapor probe coordinate survey		
	3.0 Combined GW Monit. & Pump & Treat Report		5.1 Field Work		
	3.1 One report per event		<ul style="list-style-type: none"> <li>▫ Re-survey all well coordinates and survey vapor probes per OCHCA request</li> </ul>		
	<ul style="list-style-type: none"> <li>▫ OCHCA wants comprehensive report to include complete site history, GW gradient rose diagrams and to be hard copy bound</li> </ul>		5.2 Report		
			<ul style="list-style-type: none"> <li>▫ Prepare letter report &amp; upload coordinates into Geotracker</li> </ul>		

# UST Cleanup Fund Program Project Execution Plan Remediation Information

Shaded Cells are Locked

Section A					
Type of Remediation Plan	GW - Groundwater	Date of Remediation Plan	6/30/2018	Remediation Technology	GW P&T
Date Approved by Regulatory Agency	9/6/2018	System Start-Up Date	11/6/2019	Duration/Planned Duration of Remediation (in months)	18.00
No. of Hours Operating Per Month	700.00	No. of O&M Visits Per Month	8.60	Depth to Water in Feet (minimum)	6.00
Criteria for Rebound Testing or Termination	To be determined. OCHCA has not yet accepted end point - they want a soil gas survey and confirmation soil borings. Dissolved-phase plume is shrinking.				
Describe Target Area (Vadose and/or Groundwater, depth ranges, area of the site)	Remediation project is near end. Past work included 1,730 cubic yard soil excavation in UST pit area (target area - vadose zone), vacuum truck overpurg (4 years, target area - vadose and GW), high-vac dual-phase extraction (vapor & GW - 16 month, target area - vadose & GW), initial P&T system (70 months, target area - GW). Rebuilt P&T started Nov. 2019 (target area - GW). Former USTs near east edge of property (now parking lot). Dissolved-phase plume extends offsite.				
Extent of Source Area (square feet)	1995 Benzene: 51,000 sq ft. 2/2020: Benzene = 9,600 sq ft., MTBE = 24,000 sq ft., TBA = 44,000 sq ft. Gasoline Range Organics /GRO				
NAPL Thickness (inches)	Max: Dec. 2016 = 1.63'. After hand bailing progra: Jan. 2018 = 0.00'. Tetrachloroethylene (PCE) if other selected, specify PCE likely associated w/ 1980s era former UST				
Section B					
Manufacturer	Franklin, Pumptec, Pure Effect	Model No.	WE10G05P4-21, 5800020610, PEI190	Serial No.	Changes due to pump life
Capacity	up to 10 gpm				
AQMD Permit No.	NA	Remediation Unit Owner	Claimant/Grantee	No. & Type of Remediation Wells	4, 4-inch diameter, 20-foot deep PVC wells
Current Influent Vapor Concentration (ppmv)	NA	Date of Current Influent Vapor Concentration (ppmv)	mm/dd/yyyy	Latest Influent Groundwater Concentration (ppb)	Benzene = 1,200. MTBE = 31, TBA = 11,000 Date of Latest Influent Groundwater Concentration (ppb) 3/23/2020
Supplemental Energy Consumption Per Month (Propane in Gallons)	NA	Supplemental Energy Consumption Per Month (Natural Gas in BTUs/Therms)	NA	Supplemental Energy Consumption Per Month (Electricity in KWH)	1200.00
Section C					
Liquid Waste	mm/yyyy	Gallons	mm/yyyy	Gallons	mm/yyyy
Mass Removal for Prior 12 Months (in gallons)	mm/yyyy	Gallons	mm/yyyy	Gallons	mm/yyyy
	mm/yyyy	Gallons	mm/yyyy	Gallons	mm/yyyy
	mm/yyyy	Gallons	mm/yyyy	Gallons	mm/yyyy

# UST Cleanup Fund Program Project Execution Plan Remediation Information

Section D					
Wastewater Mass Removal for Prior 12 Months (in gallons)	12/2109 1/2020 2/2020 3/2020	26234.00 57015.00 43987.00 67872.00	4/2020 5/2020 6/2020 7/2020	67219.00 77140.00 61518.00 56684.00	8/2020 9/2020 10/2020 11/2020
					47669.00 19221.00 12624.00 55429.00
Section E					
Soil Vapor Mass Removal for Prior 12 Months (in pounds)	mm/yyyy mm/yyyy mm/yyyy mm/yyyy	Pounds Pounds Pounds Pounds	mm/yyyy mm/yyyy mm/yyyy mm/yyyy	Pounds Pounds Pounds Pounds	mm/yyyy mm/yyyy mm/yyyy mm/yyyy
Section F					
Additional Comments	Rebuilt P&T started 11/6/2019 using 4 submersible pumps (120V) with Pumptec controllers (low amp shut off & timed off cycle before re-start). Produced water contains red bacteria likely from HC biodegradation that fouls filters and first drum. Wellhead treatment with chlorine tablets.				

# UST Cleanup Fund Programs Project Execution Plan

## Multi-Year Budget Plan

(From Cost Estimating Worksheets)

Project or Site Name: Westminster Maintenance Yard

Claim No(s) or Project No(s): 6980

Amendment No.: N/A

Date Agreement Reached: 8/7/2019

		Fiscal Year	7/1/2020	7/1/2021	7/1/2022	7/1/2023	7/1/2024	7/1/2025
Shaded Cells are Unlocked								
Work Phase	Task	Total Costs Through Closure	Budget Category by Fiscal Year					
			CAP/REM	CAP/REM	CAP/REM	VM	SC	(Select from Pull-Down)
1.0 Project Management	1.1 ETAC	\$4,104	\$912	\$912	\$912	\$912	\$456	\$0
	1.2 RTAC	\$4,293	\$954	\$954	\$954	\$954	\$477	\$0
	1.3 PEP/BCR	\$6,990	\$2,796	\$1,398	\$1,398	\$1,398	\$0	\$0
	1.4 Project Coordination	\$16,416	\$3,648	\$3,648	\$3,648	\$3,648	\$1,824	\$0
	<b>Subtotal</b>	<b>\$31,803</b>	<b>\$8,310</b>	<b>\$6,912</b>	<b>\$6,912</b>	<b>\$6,912</b>	<b>\$2,757</b>	<b>\$0</b>
2.0 Site Assessment	2.1 Work Plan Preparation & Approval	\$2,582	\$2,582	\$0	\$0	\$0	\$0	\$0
	2.2 Soil/Groundwater/Gas Sampling/Well Installation	\$7,860	\$7,860	\$0	\$0	\$0	\$0	\$0
	2.3 Drilling Subcontractor	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2.4 Waste Disposal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2.5 Laboratory Analyses	\$2,032	\$2,032	\$0	\$0	\$0	\$0	\$0
	2.6 Site Assessment Reporting	\$4,982	\$4,982	\$0	\$0	\$0	\$0	\$0
	<b>Subtotal</b>	<b>\$17,456</b>	<b>\$17,456</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
3.0 Groundwater Monitoring	3.1 Work Plan Preparation & Approval	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3.2 Groundwater Monitoring Event	\$21,989	\$5,497	\$5,497	\$5,497	\$5,497	\$0	\$0
	3.3 Waste Disposal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3.4 Laboratory Analyses	\$22,672	\$5,668	\$5,668	\$5,668	\$5,668	\$0	\$0
	3.5 Groundwater Monitoring Reporting	\$32,096	\$8,024	\$8,024	\$8,024	\$8,024	\$0	\$0
	<b>Subtotal</b>	<b>\$76,757</b>	<b>\$19,189</b>	<b>\$19,189</b>	<b>\$19,189</b>	<b>\$19,189</b>	<b>\$0</b>	<b>\$0</b>
4.0 Interim Remedial Action	4.1 Work Plan Preparation & Approval	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.2 Interim Remedial Action	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.3 Waste Disposal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.4 Laboratory Analyses	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.5 Utilities	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.6 Interim Remedial Action Reporting	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
5.0 Remedy Selection	5.1 Work Plan Preparation & Approval	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5.2 Bench or Pilot Testing	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5.3 Laboratory Analyses	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5.4 Design/Specifications Development/ Collect Bids	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5.5 Corrective Action Plan/ Feasibility Study Reporting	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
6.0 Remedial Implementation	6.1 Work Plan Preparation & Approval	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.2 Well Installation/Construction/Permitting	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.3 Drilling Subcontractor	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.4 Waste Disposal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.5 Laboratory Analyses	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.6 Remedial Implementation Reporting	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
7.0 Remedial System O&M	7.1 System Performance Monitoring and Repairs	\$119,973	\$52,858	\$33,558	\$33,558	\$0	\$0	\$0
	7.2 Permit Maintenance	\$7,296	\$2,432	\$2,432	\$2,432	\$0	\$0	\$0
	7.3 Waste Disposal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	7.4 Utilities	\$1,800	\$1,800	\$0	\$0	\$0	\$0	\$0
	7.5 Laboratory Analyses	\$10,464	\$3,488	\$3,488	\$3,488	\$0	\$0	\$0
	7.6 System Performance Reporting	\$25,200	\$8,400	\$8,400	\$8,400	\$0	\$0	\$0
	<b>Subtotal</b>	<b>\$164,733</b>	<b>\$68,978</b>	<b>\$47,878</b>	<b>\$47,878</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
8.0 Post Remediation/Closure	8.1 Work Plan Preparation & Approval	\$3,934	\$0	\$0	\$0	\$0	\$3,934	\$0
	8.2 Post Remediation Verification Sampling	\$11,393	\$0	\$0	\$0	\$0	\$11,393	\$0
	8.3 Laboratory Analyses	\$1,308	\$0	\$0	\$0	\$0	\$1,308	\$0
	8.4 Data Evaluation/Risk Assessment	\$3,934	\$0	\$0	\$0	\$0	\$3,934	\$0
	8.5 Well Abandonment & Site Restoration	\$27,820	\$0	\$0	\$0	\$0	\$27,820	\$0
	8.6 Remediation System Demolition	\$14,826	\$0	\$0	\$0	\$0	\$14,826	\$0
	8.7 Post Remediation/Closure Reporting	\$3,068	\$0	\$0	\$0	\$0	\$3,068	\$0
	<b>Subtotal</b>	<b>\$66,282</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$66,282</b>	<b>\$0</b>
<b>Total Estimated Cost to Close</b>		<b>\$357,031</b>	<b>\$113,933</b>	<b>\$73,979</b>	<b>\$73,979</b>	<b>\$26,101</b>	<b>\$69,039</b>	<b>\$0</b>

# UST Cleanup Fund Programs Project Execution Plan

## 1.0 Project Management Tasks

(Cost Estimating Worksheet)

FY 7/1/2020

7/1/2021

7/1/2022

Staff Title/Classification	Qty	Units	Rate	Total
Project/Assoc. Engineer/Geologist	7	hours	\$131	\$267
Staff Engineer/Geologist	10	hours	\$109	\$650
Clerk.a	12	hours	\$65	\$650
<b>Totals</b>	<b>29</b>	<b>hours</b>		<b>\$912</b>

Staff Title/Classification	Qty	Units	Rate	Total
Project/Assoc. Engineer/Geologist	7	hours	\$131	\$267
Staff Engineer/Geologist	10	hours	\$109	\$650
Clerk.a	12	hours	\$65	\$650
<b>Totals</b>	<b>29</b>	<b>hours</b>		<b>\$912</b>

Staff Title/Classification	Qty	Units	Rate	Total
Project/Assoc. Engineer/Geologist	7	hours	\$131	\$267
Staff Engineer/Geologist	10	hours	\$109	\$650
Clerk.a	12	hours	\$65	\$650
<b>Totals</b>	<b>29</b>	<b>hours</b>		<b>\$912</b>

Staff Title/Classification	Qty	Units	Rate	Total
Project Manager	7	hours	\$152	\$304
Staff Engineer/Geologist	10	hours	\$109	\$650
Clerk.a	12	hours	\$65	\$650
<b>Totals</b>	<b>29</b>	<b>hours</b>		<b>\$954</b>

Staff Title/Classification	Qty	Units	Rate	Total
Project Manager	7	hours	\$152	\$304
Staff Engineer/Geologist	10	hours	\$109	\$650
Clerk.a	12	hours	\$65	\$650
<b>Totals</b>	<b>29</b>	<b>hours</b>		<b>\$954</b>

Staff Title/Classification	Qty	Units	Rate	Total
Project Manager	7	hours	\$152	\$304
Staff Engineer/Geologist	10	hours	\$109	\$650
Clerk.a	12	hours	\$65	\$650
<b>Totals</b>	<b>29</b>	<b>hours</b>		<b>\$954</b>

Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist	7	hours	\$182	\$364
Project Manager	16	hours	\$152	\$2,432
Senior Engineer/Geologist	1	hours	\$152	\$152
Project/Assoc. Engineer/Geologist	8	hours	\$131	\$1,048
Staff Engineer/Geologist	10	hours	\$109	\$650
Senior Technician	1	hours	\$102	\$102
Clerk.a	1	hours	\$65	\$65
<b>Totals</b>	<b>44</b>	<b>hours</b>		<b>\$2,796</b>

Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist	7	hours	\$182	\$364
Project Manager	16	hours	\$152	\$2,432
Senior Engineer/Geologist	1	hours	\$152	\$152
Project/Assoc. Engineer/Geologist	8	hours	\$131	\$1,048
Staff Engineer/Geologist	10	hours	\$109	\$650
Senior Technician	1	hours	\$102	\$102
Clerk.a	1	hours	\$65	\$65
<b>Totals</b>	<b>44</b>	<b>hours</b>		<b>\$2,796</b>

Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist	7	hours	\$182	\$364
Project Manager	16	hours	\$152	\$2,432
Senior Engineer/Geologist	1	hours	\$152	\$152
Project/Assoc. Engineer/Geologist	8	hours	\$131	\$1,048
Staff Engineer/Geologist	10	hours	\$109	\$650
Senior Technician	1	hours	\$102	\$102
Clerk.a	1	hours	\$65	\$65
<b>Totals</b>	<b>44</b>	<b>hours</b>		<b>\$2,796</b>

Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist	7	hours	\$182	\$364
Project Manager	24	hours	\$152	\$3,648
Senior Engineer/Geologist	1	hours	\$152	\$152
Project/Assoc. Engineer/Geologist	8	hours	\$131	\$1,048
Staff Engineer/Geologist	10	hours	\$109	\$650
Senior Technician	1	hours	\$102	\$102
Technician	1	hours	\$87	\$87
<b>Totals</b>	<b>42</b>	<b>hours</b>		<b>\$3,648</b>

Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist	7	hours	\$182	\$364
Project Manager	24	hours	\$152	\$3,648
Senior Engineer/Geologist	1	hours	\$152	\$152
Project/Assoc. Engineer/Geologist	8	hours	\$131	\$1,048
Staff Engineer/Geologist	10	hours	\$109	\$650
Senior Technician	1	hours	\$102	\$102
Technician	1	hours	\$87	\$87
<b>Totals</b>	<b>42</b>	<b>hours</b>		<b>\$3,648</b>

Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist	7	hours	\$182	\$364
Project Manager	24	hours	\$152	\$3,648
Senior Engineer/Geologist	1	hours	\$152	\$152
Project/Assoc. Engineer/Geologist	8	hours	\$131	\$1,048
Staff Engineer/Geologist	10	hours	\$109	\$650
Senior Technician	1	hours	\$102	\$102
Technician	1	hours	\$87	\$87
<b>Totals</b>	<b>42</b>	<b>hours</b>		<b>\$3,648</b>

Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist	7	hours	\$182	\$364
Project Manager	24	hours	\$152	\$3,648
Senior Engineer/Geologist	1	hours	\$152	\$152
Project/Assoc. Engineer/Geologist	8	hours	\$131	\$1,048
Staff Engineer/Geologist	10	hours	\$109	\$650
Senior Technician	1	hours	\$102	\$102
Technician	1	hours	\$87	\$87
<b>Totals</b>	<b>42</b>	<b>hours</b>		<b>\$3,648</b>

Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist	7	hours	\$182	\$364
Project Manager	24	hours	\$152	\$3,648
Senior Engineer/Geologist	1	hours	\$152	\$152
Project/Assoc. Engineer/Geologist	8	hours	\$131	\$1,048
Staff Engineer/Geologist	10	hours	\$109	\$650
Senior Technician	1	hours	\$102	\$102
Technician	1	hours	\$87	\$87
<b>Totals</b>	<b>42</b>	<b>hours</b>		<b>\$3,648</b>

Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist	7	hours	\$182	\$364
Project Manager	24	hours	\$152	\$3,648
Senior Engineer/Geologist	1	hours	\$152	\$152
Project/Assoc. Engineer/Geologist	8	hours	\$131	\$1,048
Staff Engineer/Geologist	10	hours	\$109	\$650
Senior Technician	1	hours	\$102	\$102
Technician	1	hours	\$87	\$87
<b>Totals</b>	<b>42</b>	<b>hours</b>		<b>\$3,648</b>

1.0 Project Management

7/1/2020

7/1/2021

7/1/2022

\$6,310

\$6,912

\$6,912

**UST Cleanup Fund Programs Project Execution Plan**  
**1.0 Project Management Tasks**  
 (Cost Estimating Worksheet)

7/1/2024

1.1 Electronic Technical Account Costs (ETAC)					
Staff Title/Classification	Qty	Units	Rate	Total	
Project/Assoc Engineer/Geologist	1	hours	\$131	\$131	
Staff Engineer/Geologist		hours	\$109	\$0	
Clerical	5	hours	\$65	\$325	
<b>Totals</b>	<b>6</b>			<b>\$456</b>	

1.2 Regulatory Technical Assistance Costs (RTAC)					
Staff Title/Classification	Qty	Units	Rate	Total	
Project Manager	1	hours	\$152	\$152	
Staff Engineer/Geologist		hours	\$109	\$0	
Clerical	5	hours	\$65	\$325	
<b>Totals</b>	<b>6</b>			<b>\$477</b>	

1.3 PEP/BCR					
Staff Title/Classification	Qty	Units	Rate	Total	
Principal Engineer/Geologist		hours	\$182	\$0	
Project Manager		hours	\$152	\$0	
Senior Engineer/Geologist		hours	\$152	\$0	
Project/Assoc Engineer/Geologist		hours	\$131	\$0	
Staff Engineer/Geologist		hours	\$109	\$0	
Senior Technician		hours	\$102	\$0	
Clerical		hours	\$65	\$0	
<b>Totals</b>	<b>0</b>			<b>\$0</b>	

1.4 Project Coordination					
Staff Title/Classification	Qty	Units	Rate	Total	
Principal Engineer/Geologist		hours	\$182	\$0	
Project Manager	12	hours	\$152	\$1,824	
Senior Engineer/Geologist		hours	\$152	\$0	
Project/Assoc Engineer/Geologist		hours	\$131	\$0	
Staff Engineer/Geologist		hours	\$109	\$0	
Senior Technician		hours	\$102	\$0	
Clerical		hours	\$67	\$0	
<b>Totals</b>	<b>12</b>			<b>\$1,824</b>	

<b>1.0 Project Management</b>					<b>7/1/2024</b>	<b>\$2,757</b>
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7/1/2023

1.1 Electronic Technical Account Costs (ETAC)					
Staff Title/Classification	Qty	Units	Rate	Total	
Project/Assoc Engineer/Geologist	2	hours	\$131	\$262	
Staff Engineer/Geologist		hours	\$109	\$0	
Clerical	10	hours	\$65	\$650	
<b>Totals</b>	<b>12</b>			<b>\$912</b>	

1.2 Regulatory Technical Assistance Costs (RTAC)					
Staff Title/Classification	Qty	Units	Rate	Total	
Project Manager	2	hours	\$152	\$304	
Staff Engineer/Geologist		hours	\$109	\$0	
Clerical	10	hours	\$65	\$650	
<b>Totals</b>	<b>12</b>			<b>\$954</b>	

1.3 PEP/BCR					
Staff Title/Classification	Qty	Units	Rate	Total	
Principal Engineer/Geologist	1	hours	\$182	\$182	
Project Manager	8	hours	\$152	\$1,216	
Senior Engineer/Geologist		hours	\$152	\$0	
Project/Assoc Engineer/Geologist		hours	\$131	\$0	
Staff Engineer/Geologist		hours	\$109	\$0	
Senior Technician		hours	\$102	\$0	
Clerical		hours	\$65	\$0	
<b>Totals</b>	<b>9</b>			<b>\$1,398</b>	

1.4 Project Coordination					
Staff Title/Classification	Qty	Units	Rate	Total	
Principal Engineer/Geologist		hours	\$182	\$0	
Project Manager	24	hours	\$152	\$3,648	
Senior Engineer/Geologist		hours	\$152	\$0	
Project/Assoc Engineer/Geologist		hours	\$131	\$0	
Staff Engineer/Geologist		hours	\$109	\$0	
Senior Technician		hours	\$102	\$0	
Clerical		hours	\$67	\$0	
<b>Totals</b>	<b>24</b>			<b>\$3,648</b>	

<b>1.0 Project Management</b>					<b>7/1/2023</b>	<b>\$6,912</b>
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**UST Cleanup Fund Programs Project Execution Plan**  
**2.0 Site Assessment Tasks**  
 (Cost Estimating Worksheet)

FY 7/1/2020				
<b>2.1 Work Plan Preparation &amp; Approval</b>				
<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>
Principal Engineer/Geologist	1	hours	\$182	\$182
Project Manager	2	hours	\$152	\$304
Senior Engineer/Geologist		hours	\$152	\$0
Project/Assoc Engineer/Geologist	16	hours	\$131	\$2,096
Staff Engineer/Geologist		hours	\$109	\$0
Senior Technician		hours	\$102	\$0
Technician		hours	\$87	\$0
Drafts Person		hours	\$80	\$0
Clerical		hours	\$65	\$0
<b>Totals</b>	<b>0</b>			<b>\$2,582</b>
<b>2.2 Soil/Groundwater/Soil Gas Sampling and Well Installation</b>				
<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>
Principal Engineer/Geologist	2	hours	\$182	\$364
Project Manager	8	hours	\$152	\$1,216
Senior Engineer/Geologist		hours	\$152	\$0
Project/Assoc Engineer/Geologist	8	hours	\$131	\$1,048
Staff Engineer/Geologist	24	hours	\$109	\$2,616
Senior Technician		hours	\$102	\$0
Technician	24	hours	\$87	\$2,088
Drafts Person		hours	\$80	\$0
Clerical		hours	\$65	\$0
<b>Subtotal</b>	<b>0</b>			<b>\$7,332</b>
<b>Other Direct Costs (ODCs)</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
Mileage	100	mile	\$0.62	\$62
Per Diem		day	\$125	\$0
Disposable Bailer		each	\$10	\$0
55-gallon drum		each	\$60	\$0
Soil Sample Liners	4	each	\$10	\$40
Tedlar Bags	4	each	\$50	\$200
Miscellaneous Items		each	\$25	\$0
Shipping		each	\$25	\$0
Other			\$0	\$0
<b>Subtotal</b>				<b>\$302</b>
<b>Equipment Rental/Supplies</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
PID/FID		day	\$135	\$0
pH/Ec/T meter		day	\$58	\$0
DO Meter		day	\$50	\$0
Water Level Indicator/Interface Probe		day	\$35	\$0
Misc. Items - Hand Auger/Core Sampler	1	day	\$58	\$58
Reusable Bailer		each	\$26	\$0
Pump (\$/day) - Vac Pump/Sample Tree	1	day	\$110	\$110
Baker Tank			\$0	\$0
Other - Generator	1	day	\$58	\$58
<b>Subtotal</b>				<b>\$226</b>
<b>Subcontractors and Fees</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
Surveyor		Lump Sum	\$0	\$0
Traffic Control		Lump Sum	\$0	\$0
Private Utility Locator		Lump Sum	\$0	\$0
Other Subcontractor		Lump Sum	\$0	\$0
Permit/Fee		Lump Sum	\$0	\$0
Permit/Fee		Lump Sum	\$0	\$0
<b>Subtotal</b>				<b>\$0</b>
<b>Totals</b>				<b>\$7,860</b>
<b>2.3 Drilling Subcontractor</b>				
	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
Well Drilling Permits		each	\$500	\$0
Mobilization & Demobilization		each	\$300	\$0
Daily Rate		day	\$2,000	\$0
Well Construction Materials		well	\$1,000	\$0

# UST Cleanup Fund Programs Project Execution Plan

## 2.0 Site Assessment Tasks

(Cost Estimating Worksheet)

Surface Completion	each	\$100	\$0
Soil Sample Liners	each	\$10	\$0
Concrete Coring	each	\$0	\$0
Steam Cleaner	day	\$0	\$0
Support Vehicle	day	\$0	\$0
Other		\$0	\$0
Other		\$0	\$0
<b>Totals</b>			<b>\$0</b>
<b>2.5 Laboratory Analyses</b>			
<b>Analysis - Soil</b>			
	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>
EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$80
EPA Method <sup>2</sup> 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)		sample	\$80
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	4	sample	\$218
EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)		sample	\$399
EPA Method 6010/7421 Total Lead <sup>2</sup>		sample	\$58
Waste Characterization (reactivity/corrosively/ignitability)		sample	\$261
5 LUFT Metals <sup>3</sup>		sample	\$116
CAM 17 Metals <sup>3</sup>		sample	\$254
Other		sample	\$0
Other		sample	\$0
<b>Subtotals</b>			<b>0</b>
<b>Subtotals</b>			<b>\$872</b>
<b>Analysis - Groundwater</b>			
	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>
EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)		sample	\$80
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		sample	\$218
EPA Method 8270 semi-volatile organic compounds (SVOCs)		sample	\$250
EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)		sample	\$399
EPA Method 6010/7421 Total Lead <sup>2</sup>		sample	\$58
Waste Characterization (reactivity/corrosively/ignitability)		sample	\$261
5 LUFT Metals <sup>3</sup>		sample	\$116
CAM 17 Metals <sup>3</sup>		sample	\$254
Other		sample	\$0
Other		sample	\$0
<b>Subtotals</b>			<b>0</b>
<b>Subtotals</b>			<b>\$0</b>
<b>Analyses - Soil Gas</b>			
	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>
EPA Method TO-15 (VOCs by GC/MS)		sample	\$167
EPA Method TO-17 (VOCs by GC/MS)		sample	\$167
EPA Method 8021 (VOCs and oxygenates by GC/PID)		sample	\$167
EPA Method 8260B (VOCs and oxygenates by GC/MS)	4	sample	\$290
Other		sample	\$0
Other		sample	\$0
<b>Subtotals</b>			<b>0</b>
<b>Subtotals</b>			<b>\$1,160</b>
<b>Totals</b>			<b>\$2,032</b>
<b>2.6 Site Assessment Reporting</b>			
<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>
Principal Engineer/Geologist	1	hours	\$182
Project Manager	4	hours	\$152
Senior Engineer/Geologist		hours	\$152
Project/Assoc Engineer/Geologist	32	hours	\$131
Staff Engineer/Geologist		hours	\$109
Senior Technician		hours	\$102
Technician		hours	\$87
Drafts Person		hours	\$80
Clerical		hours	\$65
<b>Totals</b>			<b>\$4,982</b>

# UST Cleanup Fund Programs Project Execution Plan

## 2.0 Site Assessment Tasks

(Cost Estimating Worksheet)

2.0 Site Assessment	7/1/2020	\$17,456
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**UST Cleanup Fund Programs Project Execution Plan**  
**3.0 Groundwater Monitoring Tasks**  
 (Cost Estimating Worksheet)

**FY 7/1/2020**

**7/1/2021**

<b>3.1 Work Plan Preparation &amp; Approval</b>				
Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist		hours	\$182	\$0
Project Manager		hours	\$152	\$0
Senior Engineer/Geologist		hours	\$152	\$0
Project/Assoc Engineer/Geologist		hours	\$131	\$0
Staff Engineer/Geologist		hours	\$109	\$0
Senior Technician		hours	\$102	\$0
Technician		hours	\$87	\$0
Drafts Person		hours	\$80	\$0
Clerical		hours	\$65	\$0
<b>Totals</b>	<b>0</b>			<b>\$0</b>

<b>3.1 Work Plan Preparation &amp; Approval</b>			
Staff Title/Classification	Qty	Units	Rate
Principal Engineer/Geologist		hours	\$182
Project Manager		hours	\$152
Senior Engineer/Geologist		hours	\$152
Project/Assoc Engineer/Geologist		hours	\$131
Staff Engineer/Geologist		hours	\$109
Senior Technician		hours	\$102
Technician		hours	\$87
Drafts Person		hours	\$80
Clerical		hours	\$65
<b>Totals</b>	<b>0</b>		

<b>3.2 Groundwater Monitoring Event</b>				
Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist		hours	\$182	\$0
Project Manager	4	hours	\$152	\$608
Senior Engineer/Geologist		hours	\$152	\$0
Project/Assoc Engineer/Geologist		hours	\$131	\$0
Staff Engineer/Geologist	20	hours	\$109	\$2,180
Senior Technician	20	hours	\$102	\$2,040
Technician		hours	\$87	\$0
Drafts Person		hours	\$80	\$0
Clerical		hours	\$65	\$0
<b>Subtotal</b>	<b>44</b>			<b>\$4,828</b>

<b>3.2 Groundwater Monitoring Event</b>			
Staff Title/Classification	Qty	Units	Rate
Principal Engineer/Geologist		hours	\$182
Project Manager	4	hours	\$152
Senior Engineer/Geologist		hours	\$152
Project/Assoc Engineer/Geologist		hours	\$131
Staff Engineer/Geologist	20	hours	\$109
Senior Technician	20	hours	\$102
Technician		hours	\$87
Drafts Person		hours	\$80
Clerical		hours	\$65
<b>Subtotal</b>	<b>44</b>		

<b>Other Direct Costs (ODCs)</b>				
	Qty	Units	Unit Cost	Total
Mileage	60	mile	\$0.62	\$37
Per Diem		day	\$125	\$0
Disposable Bailer	26	each	\$10	\$260
55-gallon drum		each	\$60	\$0
Miscellaneous Items		each	\$25	\$0
Shipping		each	\$25	\$0
Other			\$0	\$0
<b>Subtotal</b>				<b>\$297</b>

<b>Other Direct Costs (ODCs)</b>			
	Qty	Units	Unit Cost
Mileage	60	mile	\$0.62
Per Diem		day	\$125
Disposable Bailer	26	each	\$10
55-gallon drum		each	\$60
Miscellaneous Items		each	\$25
Shipping		each	\$25
Other			\$0
<b>Subtotal</b>			

<b>Equipment Rental/Supplies</b>				
	Qty	Units	Unit Cost	Total
PID/FID		day	\$135	\$0
pH/EC/T meter	4	day	\$58	\$232
DO Meter		day	\$50	\$0
Water Level Indicator/Interface Probe	4	day	\$35	\$140
Miscellaneous Items		each	\$25	\$0
Reusable Bailer		each	\$26	\$0
Pump (\$/day)		day	\$65	\$0
Baker Tank			\$0	\$0
Other			\$0	\$0
<b>Subtotal</b>				<b>\$372</b>

<b>Equipment Rental/Supplies</b>			
	Qty	Units	Unit Cost
PID/FID		day	\$135
pH/EC/T meter	4	day	\$58
DO Meter		day	\$50
Water Level Indicator/Interface Probe	4	day	\$35
Miscellaneous Items		each	\$25
Reusable Bailer		each	\$26
Pump (\$/day)		day	\$65
Baker Tank			\$0
Other			\$0
<b>Subtotal</b>			

<b>Subcontractors and Fees</b>				
	Qty	Units	Unit Cost	Total
Traffic Control		Lump Sum	\$0	\$0
Other Subcontractor		Lump Sum	\$0	\$0
Permit/Fee		Lump Sum	\$0	\$0
<b>Subtotal</b>				<b>\$0</b>

<b>Subcontractors and Fees</b>			
	Qty	Units	Unit Cost
Traffic Control		Lump Sum	\$0
Other Subcontractor		Lump Sum	\$0
Permit/Fee		Lump Sum	\$0
<b>Subtotal</b>			

**Totals \$5,497**

**Totals**

<b>3.3 Waste Disposal</b>				
Staff Title/Classification	Qty	Units	Rate	Total
Water Disposal		Lump Sum	\$0	\$0
<b>Totals</b>	<b>0</b>			<b>\$0</b>

<b>3.3 Waste Disposal</b>			
Staff Title/Classification	Qty	Units	Rate
Water Disposal		Lump Sum	\$0
<b>Totals</b>	<b>0</b>		

<b>3.4 Laboratory Analyses</b>				
	Qty	Units	Unit Cost	Total
EPA Method <sup>2</sup> 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$80	\$0

<b>3.4 Laboratory Analyses</b>			
	Qty	Units	Unit Cost
EPA Method <sup>2</sup> 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$80

**UST Cleanup Fund Programs Project Execution Plan**  
**3.0 Groundwater Monitoring Tasks**  
**(Cost Estimating Worksheet)**

EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)	sample	\$80	\$0	EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)	sample	\$80		
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	26 sample	\$218	\$5,668	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	26 sample	\$218		
EPA Method 8270 semi-volatile organic compounds (SVOCs)	sample	\$250	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	sample	\$250		
EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)	sample	\$399	\$0	EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)	sample	\$399		
EPA Method 6010/7421 Total Lead <sup>2</sup>	sample	\$58	\$0	EPA Method 6010/7421 Total Lead <sup>2</sup>	sample	\$58		
Waste Characterization (reactivity/corrosivity/ignitability)	sample	\$261	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	sample	\$261		
5 LUFT Metals <sup>3</sup>	sample	\$116	\$0	5 LUFT Metals <sup>3</sup>	sample	\$116		
CAM 17 Metals <sup>3</sup>	sample	\$254	\$0	CAM 17 Metals <sup>3</sup>	sample	\$254		
Other	sample	\$0	\$0	Other	sample	\$0		
Other	sample	\$0	\$0	Other	sample	\$0		
<b>Totals</b>	<b>\$26</b>		<b>\$5,668</b>	<b>Totals</b>	<b>\$26</b>			
<b>3.5 Groundwater Monitoring Reporting</b>				<b>3.5 Groundwater Monitoring Reporting</b>				
<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>
Principal Engineer/Geologist	4	hours	\$182	\$728	Principal Engineer/Geologist	4	hours	\$182
Project Manager	48	hours	\$152	\$7,296	Project Manager	48	hours	\$152
Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152
Project/Assoc Engineer/Geologist		hours	\$131	\$0	Project/Assoc Engineer/Geologist		hours	\$131
Staff Engineer/Geologist		hours	\$109	\$0	Staff Engineer/Geologist		hours	\$109
Senior Technician		hours	\$102	\$0	Senior Technician		hours	\$102
Technician		hours	\$87	\$0	Technician		hours	\$87
Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80
Clerical		hours	\$65	\$0	Clerical		hours	\$65
<b>Totals</b>	<b>52</b>			<b>\$8,024</b>	<b>Totals</b>	<b>52</b>		
<b>3.0 GW Monitoring</b>	<b>7/1/2020</b>		<b>\$19,189</b>	<b>3.0 GW Monitoring</b>	<b>7/1/2021</b>			

**UST Cleanup Fund Programs Project Execution Plan**  
**3.0 Groundwater Monitoring Tasks**  
 (Cost Estimating Worksheet)

7/1/2022					7/1/2023				
<b>3.1 Work Plan Preparation &amp; Approval</b>					<b>3.1 Work Plan Preparation &amp; Approval</b>				
<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>
\$0	Principal Engineer/Geologist		hours	\$182	\$0	Principal Engineer/Geologist		hours	\$182
\$0	Project Manager		hours	\$152	\$0	Project Manager		hours	\$152
\$0	Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152
\$0	Project/Assoc Engineer/Geologist		hours	\$131	\$0	Project/Assoc Engineer/Geologist		hours	\$131
\$0	Staff Engineer/Geologist		hours	\$109	\$0	Staff Engineer/Geologist		hours	\$109
\$0	Senior Technician		hours	\$102	\$0	Senior Technician		hours	\$102
\$0	Technician		hours	\$87	\$0	Technician		hours	\$87
\$0	Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80
\$0	Clerical		hours	\$65	\$0	Clerical		hours	\$65
\$0	<b>Totals</b>	<b>0</b>			\$0	<b>Totals</b>	<b>0</b>		
<b>3.2 Groundwater Monitoring Event</b>					<b>3.2 Groundwater Monitoring Event</b>				
<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>
\$0	Principal Engineer/Geologist		hours	\$182	\$0	Principal Engineer/Geologist		hours	\$182
\$608	Project Manager	4	hours	\$152	\$608	Project Manager	4	hours	\$152
\$0	Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152
\$0	Project/Assoc Engineer/Geologist		hours	\$131	\$0	Project/Assoc Engineer/Geologist		hours	\$131
\$2,180	Staff Engineer/Geologist	20	hours	\$109	\$2,180	Staff Engineer/Geologist	20	hours	\$109
\$2,040	Senior Technician	20	hours	\$102	\$2,040	Senior Technician	20	hours	\$102
\$0	Technician		hours	\$87	\$0	Technician		hours	\$87
\$0	Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80
\$0	Clerical		hours	\$65	\$0	Clerical		hours	\$65
\$4,828	<b>Subtotal</b>	<b>44</b>			\$4,828	<b>Subtotal</b>	<b>44</b>		
<b>Total</b>	<b>Other Direct Costs (ODCs)</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Other Direct Costs (ODCs)</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>
\$37	Mileage	60	mile	\$0.62	\$37	Mileage	60	mile	\$0.62
\$0	Per Diem		day	\$125	\$0	Per Diem		day	\$125
\$260	Disposable Bailer	26	each	\$10	\$260	Disposable Bailer	26	each	\$10
\$0	55-gallon drum		each	\$60	\$0	55-gallon drum		each	\$60
\$0	Miscellaneous Items		each	\$25	\$0	Miscellaneous Items		each	\$25
\$0	Shipping		each	\$25	\$0	Shipping		each	\$25
\$0	Other			\$0	\$0	Other			\$0
\$297	<b>Subtotal</b>				\$297	<b>Subtotal</b>			
<b>Total</b>	<b>Equipment Rental/Supplies</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Equipment Rental/Supplies</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>
\$0	PID/FID		day	\$135	\$0	PID/FID		day	\$135
\$232	pH/Ec/T meter	4	day	\$58	\$232	pH/Ec/T meter	4	day	\$58
\$0	DO Meter		day	\$50	\$0	DO Meter		day	\$50
\$140	Water Level Indicator/Interface Probe	4	day	\$35	\$140	Water Level Indicator/Interface Probe	4	day	\$35
\$0	Miscellaneous Items		each	\$25	\$0	Miscellaneous Items		each	\$25
\$0	Reusable Bailer		each	\$26	\$0	Reusable Bailer		each	\$26
\$0	Pump (\$/day)		day	\$65	\$0	Pump (\$/day)		day	\$65
\$0	Baker Tank			\$0	\$0	Baker Tank			\$0
\$0	Other			\$0	\$0	Other			\$0
\$372	<b>Subtotal</b>				\$372	<b>Subtotal</b>			
<b>Total</b>	<b>Subcontractors and Fees</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Subcontractors and Fees</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>
\$0	Traffic Control		Lump Sum	\$0	\$0	Traffic Control		Lump Sum	\$0
\$0	Other Subcontractor		Lump Sum	\$0	\$0	Other Subcontractor		Lump Sum	\$0
\$0	Permit/Fee		Lump Sum	\$0	\$0	Permit/Fee		Lump Sum	\$0
\$0	<b>Subtotal</b>				\$0	<b>Subtotal</b>			
\$5,497	<b>Totals</b>				\$5,497	<b>Totals</b>			
<b>3.3 Waste Disposal</b>					<b>3.3 Waste Disposal</b>				
<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>
\$0	Water Disposal		Lump Sum	\$0	\$0	Water Disposal		Lump Sum	\$0
\$0	<b>Totals</b>	<b>0</b>			\$0	<b>Totals</b>	<b>0</b>		
<b>Total</b>	<b>3.4 Laboratory Analyses</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>3.4 Laboratory Analyses</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>
\$0	EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$80	\$0	EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$80

**UST Cleanup Fund Programs Project Execution Plan**  
**3.0 Groundwater Monitoring Tasks**  
**(Cost Estimating Worksheet)**

\$0	EPA Method 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)	sample	\$80	\$0	EPA Method 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)	sample	\$80		
\$5,668	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	26 sample	\$218	\$5,668	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	26 sample	\$218		
\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	sample	\$250	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	sample	\$250		
\$0	EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)	sample	\$399	\$0	EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)	sample	\$399		
\$0	EPA Method 6010/7421 Total Lead <sup>2</sup>	sample	\$58	\$0	EPA Method 6010/7421 Total Lead <sup>2</sup>	sample	\$58		
\$0	Waste Characterization (reactivity/corrosivity/ignitability)	sample	\$261	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	sample	\$261		
\$0	5 LUFT Metals <sup>3</sup>	sample	\$116	\$0	5 LUFT Metals <sup>3</sup>	sample	\$116		
\$0	CAM 17 Metals <sup>3</sup>	sample	\$254	\$0	CAM 17 Metals <sup>3</sup>	sample	\$254		
\$0	Other	sample	\$0	\$0	Other	sample	\$0		
\$0	Other	sample	\$0	\$0	Other	sample	\$0		
\$5,668	<b>Totals</b>	<b>\$26</b>		<b>\$5,668</b>	<b>Totals</b>	<b>\$26</b>			
<b>3.5 Groundwater Monitoring Reporting</b>				<b>3.5 Groundwater Monitoring Reporting</b>					
<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>
\$728	Principal Engineer/Geologist	4	hours	\$182	\$728	Principal Engineer/Geologist	4	hours	\$182
\$7,296	Project Manager	48	hours	\$152	\$7,296	Project Manager	48	hours	\$152
\$0	Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152
\$0	Project/Assoc Engineer/Geologist		hours	\$131	\$0	Project/Assoc Engineer/Geologist		hours	\$131
\$0	Staff Engineer/Geologist		hours	\$109	\$0	Staff Engineer/Geologist		hours	\$109
\$0	Senior Technician		hours	\$102	\$0	Senior Technician		hours	\$102
\$0	Technician		hours	\$87	\$0	Technician		hours	\$87
\$0	Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80
\$0	Clerical		hours	\$65	\$0	Clerical		hours	\$65
\$8,024	<b>Totals</b>	<b>52</b>			<b>\$8,024</b>	<b>Totals</b>	<b>52</b>		
\$19,189	<b>3.0 GW Monitoring</b>	<b>7/1/2022</b>			<b>\$19,189</b>	<b>3.0 GW Monitoring</b>	<b>7/1/2023</b>		

**UST Cleanup Fund Programs Project Execution Plan**  
**3.0 Groundwater Monitoring Tasks**  
(Cost Estimating Worksheet)

<b>Total</b>
\$0
\$0
\$0
\$0
\$0
\$0
\$0
\$0
\$0
\$0
\$0
\$0
\$0
<b>Total</b>
\$0
\$608
\$0
\$0
\$2,180
\$2,040
\$0
\$0
\$0
<b>\$4,828</b>
<b>Total</b>
\$37
\$0
\$260
\$0
\$0
\$0
\$0
\$297
<b>Total</b>
\$0
\$232
\$0
\$140
\$0
\$0
\$0
\$0
\$0
<b>\$372</b>
<b>Total</b>
\$0
\$0
\$0
\$0
<b>\$5,497</b>
<b>Total</b>
\$0
\$0
<b>Total</b>
\$0

**UST Cleanup Fund Programs Project Execution Plan**  
**3.0 Groundwater Monitoring Tasks**  
 (Cost Estimating Worksheet)

\$0
\$5,668
\$0
\$0
\$0
\$0
\$0
\$0
\$0
\$0
\$5,668
<b>Total</b>
\$728
\$7,296
\$0
\$0
\$0
\$0
\$0
\$0
\$0
\$8,024
\$19,189

**UST Cleanup Fund Programs Project Execution Plan  
7.0 Remedial System Operations Maintenance Tasks  
(Cost Estimating Worksheet)**

FY 7/1/2020					7/1/2021				
<b>7.1 System Performance Monitoring and Repairs</b>					<b>7.1 System Performance Monitoring and Repairs</b>				
<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>
Principal Engineer/Geologist	12	hours	\$182	\$2,184	Principal Engineer/Geologist	12	hours	\$182	\$2,184
Project Manager	24	hours	\$152	\$3,648	Project Manager	24	hours	\$152	\$3,648
Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152	\$0
Project/Assoc Engineer/Geologist		hours	\$131	\$0	Project/Assoc Engineer/Geologist		hours	\$131	\$0
Staff Engineer/Geologist		hours	\$109	\$0	Staff Engineer/Geologist		hours	\$109	\$0
Senior Technician	260	hours	\$102	\$26,520	Senior Technician	260	hours	\$102	\$26,520
Technician		hours	\$87	\$0	Technician		hours	\$87	\$0
Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80	\$0
Clerical		hours	\$65	\$0	Clerical		hours	\$65	\$0
<b>Subtotal</b>	<b>296</b>			<b>\$32,352</b>	<b>Subtotal</b>	<b>296</b>			<b>\$32,352</b>
<b>Other Direct Costs (ODCs)</b>					<b>Other Direct Costs (ODCs)</b>				
	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>		<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
Mileage	1456	mile	\$0.62	\$906	Mileage	1456	mile	\$0.62	\$906
Per Diem		day	\$125	\$0	Per Diem		day	\$125	\$0
Miscellaneous Items - Particulate Filters	12	each	\$300	\$3,600	Miscellaneous Items - Particulate Filters	12	each	\$25	\$300
Shipping		each	\$25	\$0	Shipping		each	\$25	\$0
Construction Materials		lump sum	\$0	\$0	Construction Materials		lump sum	\$0	\$0
Skid-Mounted System Rental		month	\$0	\$0	Skid-Mounted System Rental		month	\$0	\$0
Permit Renewal			\$0	\$0	Permit Renewal			\$0	\$0
Other			\$0	\$0	Other			\$0	\$0
<b>Subtotal</b>				<b>\$4,506</b>	<b>Subtotal</b>				<b>\$4,506</b>
<b>Equipment Rental/Supplies</b>					<b>Equipment Rental/Supplies</b>				
	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>		<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
PID/FID		day	\$135	\$0	PID/FID		day	\$135	\$0
Water Level Indicator/Interface Probe		day	\$35	\$0	Water Level Indicator/Interface Probe		day	\$35	\$0
Miscellaneous Items		each	\$25	\$0	Miscellaneous Items		each	\$25	\$0
Other			\$0	\$0	Other			\$0	\$0
<b>Subtotal</b>				<b>\$0</b>	<b>Subtotal</b>				<b>\$0</b>
<b>Subcontractors</b>					<b>Subcontractors</b>				
	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>		<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
Pure Effect - 3 carbon drums/disposal	4	Lump Sum	\$4,000	\$16,000	Pure Effect - 3 carbon drums/disposal	4	Lump Sum	\$0	\$0
Subcontractor 2		Lump Sum	\$0	\$0	Subcontractor 2		Lump Sum	\$0	\$0
Permit Renewal			\$0	\$0	Permit Renewal			\$0	\$0
<b>Subtotal</b>				<b>\$16,000</b>	<b>Subtotal</b>				<b>\$0</b>
<b>Totals</b>				<b>\$52,858</b>	<b>Totals</b>				<b>\$52,858</b>
<b>7.2 Permit Maintenance</b>					<b>7.2 Permit Maintenance</b>				
<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>
Principal Engineer/Geologist		hours	\$182	\$0	Principal Engineer/Geologist		hours	\$182	\$0
Project Manager	16	hours	\$152	\$2,432	Project Manager	16	hours	\$152	\$2,432
Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152	\$0
Project/Assoc Engineer/Geologist		hours	\$131	\$0	Project/Assoc Engineer/Geologist		hours	\$131	\$0
Staff Engineer/Geologist		hours	\$109	\$0	Staff Engineer/Geologist		hours	\$109	\$0
Senior Technician		hours	\$102	\$0	Senior Technician		hours	\$102	\$0
Technician		hours	\$87	\$0	Technician		hours	\$87	\$0
Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80	\$0
Clerical		hours	\$65	\$0	Clerical		hours	\$65	\$0
<b>Subtotal</b>	<b>16</b>			<b>\$2,432</b>	<b>Subtotal</b>	<b>16</b>			<b>\$2,432</b>
<b>Fees</b>					<b>Fees</b>				
	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>		<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
Permit Renewal	1	1500	\$0	\$0	Permit Renewal	1	1500	\$0	\$0
<b>Subtotal</b>				<b>\$0</b>	<b>Subtotal</b>				<b>\$0</b>
<b>Totals</b>				<b>\$2,432</b>	<b>Totals</b>				<b>\$2,432</b>
<b>7.3 Waste Disposal</b>					<b>7.3 Waste Disposal</b>				
<b>Description</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Description</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
Debris Disposal		Lump Sum	\$0	\$0	Debris Disposal		Lump Sum	\$0	\$0
Water Disposal		Lump Sum	\$0	\$0	Water Disposal		Lump Sum	\$0	\$0
<b>Total</b>				<b>\$0</b>	<b>Total</b>				<b>\$0</b>
<b>7.4 Utilities</b>					<b>7.4 Utilities</b>				

**UST Cleanup Fund Programs Project Execution Plan  
7.0 Remedial System Operations Maintenance Tasks  
(Cost Estimating Worksheet)**

Description	Qty	Units	Unit Cost	Total	Description	Qty	Units	Unit Cost	
Utilities, per month - Electricity	12	month	\$150	\$1,800	Utilities, per month - Electricity	12	month	\$0	
Utilities, per month			\$0	\$0	Utilities, per month			\$0	
<b>Total</b>				<b>\$1,800</b>	<b>Total</b>				
<b>7.5 Laboratory Analyses</b>					<b>7.5 Laboratory Analyses</b>				
Analysis - Groundwater	Qty	Units	Unit Cost	Total	Analysis - Groundwater	Qty	Units	Unit Cost	
EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$80	\$0	EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$80	
EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)		sample	\$80	\$0	EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)		sample	\$80	
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	16	sample	\$218	\$3,488	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	16	sample	\$218	
EPA Method 8270 semi-volatile organic compounds (SVOCs)		sample	\$250	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		sample	\$250	
EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)		sample	\$399	\$0	EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)		sample	\$399	
EPA Method 6010/7421 Total Lead <sup>2</sup>		sample	\$58	\$0	EPA Method 6010/7421 Total Lead <sup>2</sup>		sample	\$58	
Waste Characterization (reactivity/corrosivity/ignitability)		sample	\$261	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		sample	\$261	
5 LUFT Metals <sup>3</sup>		sample	\$116	\$0	5 LUFT Metals <sup>3</sup>		sample	\$116	
CAM 17 Metals <sup>3</sup>		sample	\$254	\$0	CAM 17 Metals <sup>3</sup>		sample	\$254	
Other		sample	\$0	\$0	Other		sample	\$0	
Other		sample	\$0	\$0	Other		sample	\$0	
<b>Subtotals</b>	<b>16</b>			<b>\$3,488</b>	<b>Subtotals</b>	<b>16</b>			
Analyses - Soil Gas	Qty	Units	Unit Cost	Total	Analyses - Soil Gas	Qty	Units	Unit Cost	
EPA Method TO-15 (VOCs by GC/MS)		sample	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)		sample	\$152	
EPA Method TO-17 (VOCs by GC/MS)		sample	\$152	\$0	EPA Method TO-17 (VOCs by GC/MS)		sample	\$152	
EPA Method 8021 (VOCs and oxygenates by GC/PID)		sample	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)		sample	\$152	
EPA Method 8260B (VOCs and oxygenates by GC/MS)		sample	\$290	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)		sample	\$290	
Other		sample	\$0	\$0	Other		sample	\$0	
Other		sample	\$0	\$0	Other		sample	\$0	
<b>Subtotals</b>	<b>0</b>			<b>\$0</b>	<b>Subtotals</b>	<b>0</b>			
<b>Totals</b>				<b>\$3,488</b>	<b>Totals</b>				
<b>7.6 System Performance Reporting</b>					<b>7.6 System Performance Reporting</b>				
Staff Title/Classification	Qty	Units	Rate	Total	Staff Title/Classification	Qty	Units	Rate	
Principal Engineer/Geologist	4	hours	\$182	\$728	Principal Engineer/Geologist	4	hours	\$182	
Project Manager	16	hours	\$152	\$2,432	Project Manager	16	hours	\$152	
Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152	
Project/Assoc Engineer/Geologist	40	hours	\$131	\$5,240	Project/Assoc Engineer/Geologist	40	hours	\$131	
Staff Engineer/Geologist		hours	\$109	\$0	Staff Engineer/Geologist		hours	\$109	
Senior Technician		hours	\$102	\$0	Senior Technician		hours	\$102	
Technician		hours	\$87	\$0	Technician		hours	\$87	
Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80	
Clerical		hours	\$65	\$0	Clerical		hours	\$65	
<b>Totals</b>	<b>60</b>			<b>\$8,400</b>	<b>Totals</b>	<b>60</b>			
<b>7.0 Remedial System O&amp;M</b>	<b>7/1/2020</b>			<b>\$68,978</b>	<b>7.0 Remedial System O&amp;M</b>	<b>7/1/2021</b>			

**UST Cleanup Fund Programs Project Execution Plan  
7.0 Remedial System Operations Maintenance Tasks  
(Cost Estimating Worksheet)**

7/1/2022						7/1/2023					
<b>7.1 System Performance Monitoring and Repairs</b>						<b>7.1 System Performance Monitoring and Repairs</b>					
<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	
\$2,184	Principal Engineer/Geologist	12	hours	\$182	\$2,184	Principal Engineer/Geologist		hours	\$182		
\$3,648	Project Manager	24	hours	\$152	\$3,648	Project Manager		hours	\$152		
\$0	Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152		
\$0	Project/Assoc Engineer/Geologist		hours	\$131	\$0	Project/Assoc Engineer/Geologist		hours	\$131		
\$0	Staff Engineer/Geologist		hours	\$109	\$0	Staff Engineer/Geologist		hours	\$109		
\$26,520	Senior Technician	260	hours	\$102	\$26,520	Senior Technician		hours	\$102		
\$0	Technician		hours	\$87	\$0	Technician		hours	\$87		
\$0	Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80		
\$0	Clerical		hours	\$65	\$0	Clerical		hours	\$65		
\$32,352	<b>Subtotal</b>	<b>296</b>			<b>\$32,352</b>	<b>Subtotal</b>	<b>0</b>				
<b>Total</b>	<b>Other Direct Costs (ODCs)</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Other Direct Costs (ODCs)</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	
\$906	Mileage	1456	mile	\$0.62	\$906	Mileage		mile	\$0.62		
\$0	Per Diem		day	\$125	\$0	Per Diem		day	\$125		
\$300	Miscellaneous Items - Particulate Filters	12	each	\$25	\$300	Miscellaneous Items		each	\$25		
\$0	Shipping		each	\$25	\$0	Shipping		each	\$25		
\$0	Construction Materials		lump sum	\$0	\$0	Construction Materials		lump sum	\$0		
\$0	Skid-Mounted System Rental		month	\$0	\$0	Skid-Mounted System Rental		month	\$0		
\$0	Permit Renewal			\$0	\$0	Permit Renewal			\$0		
\$0	Other			\$0	\$0	Other			\$0		
\$1,206	<b>Subtotal</b>				<b>\$1,206</b>	<b>Subtotal</b>					
<b>Total</b>	<b>Equipment Rental/Supplies</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Equipment Rental/Supplies</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	
\$0	PID/FID		day	\$135	\$0	PID/FID		day	\$135		
\$0	Water Level Indicator/Interface Probe		day	\$35	\$0	Water Level Indicator/Interface Probe		day	\$35		
\$0	Miscellaneous Items		each	\$25	\$0	Miscellaneous Items		each	\$25		
\$0	Other			\$0	\$0	Other			\$0		
\$0	<b>Subtotal</b>				<b>\$0</b>	<b>Subtotal</b>				<b>\$0</b>	
<b>Total</b>	<b>Subcontractors</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Subcontractors</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	
\$0	Pure Effect - 3 carbon drums/disposal	4	Lump Sum	\$0	\$0	Subcontractor 1		Lump Sum	\$0		
\$0	Subcontractor 2		Lump Sum	\$0	\$0	Subcontractor 2		Lump Sum	\$0		
\$0	Permit Renewal			\$0	\$0	Permit Renewal			\$0		
\$0	<b>Subtotal</b>				<b>\$0</b>	<b>Subtotal</b>				<b>\$0</b>	
\$33,558	<b>Totals</b>				<b>\$33,558</b>	<b>Totals</b>					
<b>7.2 Permit Maintenance</b>						<b>7.2 Permit Maintenance</b>					
<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	
\$0	Principal Engineer/Geologist		hours	\$182	\$0	Principal Engineer/Geologist		hours	\$182		
\$2,432	Project Manager	16	hours	\$152	\$2,432	Project Manager		hours	\$152		
\$0	Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152		
\$0	Project/Assoc Engineer/Geologist		hours	\$131	\$0	Project/Assoc Engineer/Geologist		hours	\$131		
\$0	Staff Engineer/Geologist		hours	\$109	\$0	Staff Engineer/Geologist		hours	\$109		
\$0	Senior Technician		hours	\$102	\$0	Senior Technician		hours	\$102		
\$0	Technician		hours	\$87	\$0	Technician		hours	\$87		
\$0	Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80		
\$0	Clerical		hours	\$65	\$0	Clerical		hours	\$65		
\$2,432	<b>Subtotal</b>	<b>16</b>			<b>\$2,432</b>	<b>Subtotal</b>	<b>0</b>				
<b>Total</b>	<b>Fees</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Fees</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	
\$0	Permit Renewal	1	1500	\$0	\$0	Permit Renewal			\$0	\$0	
\$0	<b>Subtotal</b>				<b>\$0</b>	<b>Subtotal</b>				<b>\$0</b>	
\$2,432	<b>Totals</b>				<b>\$2,432</b>	<b>Totals</b>					
<b>7.3 Waste Disposal</b>						<b>7.3 Waste Disposal</b>					
<b>Total</b>	<b>Description</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Description</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	
\$0	Debris Disposal		Lump Sum	\$0	\$0	Debris Disposal		Lump Sum	\$0	\$0	
\$0	Water Disposal		Lump Sum	\$0	\$0	Water Disposal		Lump Sum	\$0	\$0	
\$0	<b>Total</b>				<b>\$0</b>	<b>Total</b>				<b>\$0</b>	
<b>7.4 Utilities</b>						<b>7.4 Utilities</b>					

**UST Cleanup Fund Programs Project Execution Plan  
7.0 Remedial System Operations Maintenance Tasks  
(Cost Estimating Worksheet)**

Total	Description	Qty	Units	Unit Cost	Total	Description	Qty	Units	Unit Cost		
\$0	Utilities, per month - Electricity	12	month	\$0	\$0	Utilities, per month		month	\$0		
\$0	Utilities, per month			\$0	\$0	Utilities, per month			\$0		
\$0	<b>Total</b>				\$0	<b>Total</b>					
<b>7.5 Laboratory Analyses</b>						<b>7.5 Laboratory Analyses</b>					
Total	Analysis - Groundwater	Qty	Units	Unit Cost	Total	Analysis - Groundwater	Qty	Units	Unit Cost		
\$0	EPA Method <sup>2</sup> 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$80	\$0	EPA Method <sup>2</sup> 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$80		
\$0	EPA Method <sup>2</sup> 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)		sample	\$80	\$0	EPA Method <sup>2</sup> 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)		sample	\$80		
\$3,488	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	16	sample	\$218	\$3,488	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		sample	\$218		
\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		sample	\$250	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		sample	\$250		
\$0	EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)		sample	\$399	\$0	EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)		sample	\$399		
\$0	EPA Method 6010/7421 Total Lead <sup>2</sup>		sample	\$58	\$0	EPA Method 6010/7421 Total Lead <sup>2</sup>		sample	\$58		
\$0	Waste Characterization (reactivity/corrosivity/ignitability)		sample	\$261	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		sample	\$261		
\$0	5 LUFT Metals <sup>3</sup>		sample	\$116	\$0	5 LUFT Metals <sup>3</sup>		sample	\$116		
\$0	CAM 17 Metals <sup>3</sup>		sample	\$254	\$0	CAM 17 Metals <sup>3</sup>		sample	\$254		
\$0	Other		sample	\$0	\$0	Other		sample	\$0		
\$0	Other		sample	\$0	\$0	Other		sample	\$0		
\$3,488	<b>Subtotals</b>	16			\$3,488	<b>Subtotals</b>	0				
Total	Analyses - Soil Gas	Qty	Units	Unit Cost	Total	Analyses - Soil Gas	Qty	Units	Unit Cost		
\$0	EPA Method TO-15 (VOCs by GC/MS)		sample	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)		sample	\$152		
\$0	EPA Method TO-17 (VOCs by GC/MS)		sample	\$152	\$0	EPA Method TO-17 (VOCs by GC/MS)		sample	\$152		
\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)		sample	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)		sample	\$152		
\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)		sample	\$290	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)		sample	\$290		
\$0	Other		sample	\$0	\$0	Other		sample	\$0		
\$0	Other		sample	\$0	\$0	Other		sample	\$0		
\$0	<b>Subtotals</b>	0			\$0	<b>Subtotals</b>	0				
\$3,488	<b>Totals</b>				\$3,488	<b>Totals</b>					
<b>7.6 System Performance Reporting</b>						<b>7.6 System Performance Reporting</b>					
Total	Staff Title/Classification	Qty	Units	Rate	Total	Staff Title/Classification	Qty	Units	Rate		
\$728	Principal Engineer/Geologist	4	hours	\$182	\$728	Principal Engineer/Geologist		hours	\$182		
\$2,432	Project Manager	16	hours	\$152	\$2,432	Project Manager		hours	\$152		
\$0	Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152		
\$5,240	Project/Assoc Engineer/Geologist	40	hours	\$131	\$5,240	Project/Assoc Engineer/Geologist		hours	\$131		
\$0	Staff Engineer/Geologist		hours	\$109	\$0	Staff Engineer/Geologist		hours	\$109		
\$0	Senior Technician		hours	\$102	\$0	Senior Technician		hours	\$102		
\$0	Technician		hours	\$87	\$0	Technician		hours	\$87		
\$0	Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80		
\$0	Clerical		hours	\$65	\$0	Clerical		hours	\$65		
\$8,400	<b>Totals</b>	60			\$8,400	<b>Totals</b>	0				
\$47,878	7.0 Remedial System O&M	7/1/2022			\$47,878	7.0 Remedial System O&M	7/1/2023				

**UST Cleanup Fund Programs Project Execution Plan  
7.0 Remedial System Operations Maintenance Tasks  
(Cost Estimating Worksheet)**

7/1/2024						7/1/2025					
<b>7.1 System Performance Monitoring and Repairs</b>						<b>7.1 System Performance Monitoring and Repairs</b>					
<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	
\$0	Principal Engineer/Geologist		hours	\$182	\$0	Principal Engineer/Geologist		hours	\$182	\$0	
\$0	Project Manager		hours	\$152	\$0	Project Manager		hours	\$152	\$0	
\$0	Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152	\$0	
\$0	Project/Assoc Engineer/Geologist		hours	\$131	\$0	Project/Assoc Engineer/Geologist		hours	\$131	\$0	
\$0	Staff Engineer/Geologist		hours	\$109	\$0	Staff Engineer/Geologist		hours	\$109	\$0	
\$0	Senior Technician		hours	\$102	\$0	Senior Technician		hours	\$102	\$0	
\$0	Technician		hours	\$87	\$0	Technician		hours	\$87	\$0	
\$0	Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80	\$0	
\$0	Clerical		hours	\$65	\$0	Clerical		hours	\$65	\$0	
\$0	<b>Subtotal</b>	<b>0</b>			<b>\$0</b>	<b>Subtotal</b>	<b>0</b>			<b>\$0</b>	
<b>Total</b>	<b>Other Direct Costs (ODCs)</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Other Direct Costs (ODCs)</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	
\$0	Mileage		mile	\$0.62	\$0	Mileage		mile	\$0.62	\$0	
\$0	Per Diem		day	\$125	\$0	Per Diem		day	\$125	\$0	
\$0	Miscellaneous Items		each	\$25	\$0	Miscellaneous Items		each	\$25	\$0	
\$0	Shipping		each	\$25	\$0	Shipping		each	\$25	\$0	
\$0	Construction Materials		lump sum	\$0	\$0	Construction Materials		lump sum	\$0	\$0	
\$0	Skid-Mounted System Rental		month	\$0	\$0	Skid-Mounted System Rental		month	\$0	\$0	
\$0	Permit Renewal			\$0	\$0	Permit Renewal			\$0	\$0	
\$0	Other			\$0	\$0	Other			\$0	\$0	
\$0	<b>Subtotal</b>				<b>\$0</b>	<b>Subtotal</b>				<b>\$0</b>	
<b>Total</b>	<b>Equipment Rental/Supplies</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Equipment Rental/Supplies</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	
\$0	PID/FID		day	\$135	\$0	PID/FID		day	\$135	\$0	
\$0	Water Level Indicator/Interface Probe		day	\$35	\$0	Water Level Indicator/Interface Probe		day	\$35	\$0	
\$0	Miscellaneous Items		each	\$25	\$0	Miscellaneous Items		each	\$25	\$0	
\$0	Other			\$0	\$0	Other			\$0	\$0	
\$0	<b>Subtotal</b>				<b>\$0</b>	<b>Subtotal</b>				<b>\$0</b>	
<b>Total</b>	<b>Subcontractors</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Subcontractors</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	
\$0	Subcontractor 1		Lump Sum	\$0	\$0	Subcontractor 1		Lump Sum	\$0	\$0	
\$0	Subcontractor 2		Lump Sum	\$0	\$0	Subcontractor 2		Lump Sum	\$0	\$0	
\$0	Permit Renewal			\$0	\$0	Permit Renewal			\$0	\$0	
\$0	<b>Subtotal</b>				<b>\$0</b>	<b>Subtotal</b>				<b>\$0</b>	
\$0	<b>Totals</b>				<b>\$0</b>	<b>Totals</b>				<b>\$0</b>	
<b>7.2 Permit Maintenance</b>						<b>7.2 Permit Maintenance</b>					
<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>	
\$0	Principal Engineer/Geologist		hours	\$182	\$0	Principal Engineer/Geologist		hours	\$182	\$0	
\$0	Project Manager		hours	\$152	\$0	Project Manager		hours	\$152	\$0	
\$0	Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152	\$0	
\$0	Project/Assoc Engineer/Geologist		hours	\$131	\$0	Project/Assoc Engineer/Geologist		hours	\$131	\$0	
\$0	Staff Engineer/Geologist		hours	\$109	\$0	Staff Engineer/Geologist		hours	\$109	\$0	
\$0	Senior Technician		hours	\$102	\$0	Senior Technician		hours	\$102	\$0	
\$0	Technician		hours	\$87	\$0	Technician		hours	\$87	\$0	
\$0	Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80	\$0	
\$0	Clerical		hours	\$65	\$0	Clerical		hours	\$65	\$0	
\$0	<b>Subtotal</b>	<b>0</b>			<b>\$0</b>	<b>Subtotal</b>	<b>0</b>			<b>\$0</b>	
<b>Total</b>	<b>Fees</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Fees</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	
\$0	Permit Renewal			\$0	\$0	Permit Renewal			\$0	\$0	
\$0	<b>Subtotal</b>				<b>\$0</b>	<b>Subtotal</b>				<b>\$0</b>	
\$0	<b>Totals</b>				<b>\$0</b>	<b>Totals</b>				<b>\$0</b>	
<b>7.3 Waste Disposal</b>						<b>7.3 Waste Disposal</b>					
<b>Total</b>	<b>Description</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	<b>Description</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>	
\$0	Debris Disposal		Lump Sum	\$0	\$0	Debris Disposal		Lump Sum	\$0	\$0	
\$0	Water Disposal		Lump Sum	\$0	\$0	Water Disposal		Lump Sum	\$0	\$0	
\$0	<b>Total</b>				<b>\$0</b>	<b>Total</b>				<b>\$0</b>	
<b>7.4 Utilities</b>						<b>7.4 Utilities</b>					

**UST Cleanup Fund Programs Project Execution Plan  
7.0 Remedial System Operations Maintenance Tasks  
(Cost Estimating Worksheet)**

Total	Description	Qty	Units	Unit Cost	Total	Description	Qty	Units	Unit Cost		
\$0	Utilities, per month		month	\$0	\$0	Utilities, per month		month	\$0		
\$0	Utilities, per month			\$0	\$0	Utilities, per month			\$0		
\$0	<b>Total</b>				\$0	<b>Total</b>					
<b>7.5 Laboratory Analyses</b>						<b>7.5 Laboratory Analyses</b>					
Total	Analysis - Groundwater	Qty	Units	Unit Cost	Total	Analysis - Groundwater	Qty	Units	Unit Cost		
\$0	EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$80	\$0	EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$80		
\$0	EPA Method <sup>2</sup> 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)		sample	\$80	\$0	EPA Method <sup>2</sup> 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)		sample	\$80		
\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		sample	\$218	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		sample	\$218		
\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		sample	\$250	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		sample	\$250		
\$0	EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)		sample	\$399	\$0	EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)		sample	\$399		
\$0	EPA Method 6010/7421 Total Lead <sup>2</sup>		sample	\$58	\$0	EPA Method 6010/7421 Total Lead <sup>2</sup>		sample	\$58		
\$0	Waste Characterization (reactivity/corrosivity/ignitability)		sample	\$261	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		sample	\$261		
\$0	5 LUFT Metals <sup>3</sup>		sample	\$116	\$0	5 LUFT Metals <sup>3</sup>		sample	\$116		
\$0	CAM 17 Metals <sup>3</sup>		sample	\$254	\$0	CAM 17 Metals <sup>3</sup>		sample	\$254		
\$0	Other		sample	\$0	\$0	Other		sample	\$0		
\$0	Other		sample	\$0	\$0	Other		sample	\$0		
\$0	<b>Subtotals</b>	0			\$0	<b>Subtotals</b>	0				
Total	Analyses - Soil Gas	Qty	Units	Unit Cost	Total	Analyses - Soil Gas	Qty	Units	Unit Cost		
\$0	EPA Method TO-15 (VOCs by GC/MS)		sample	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)		sample	\$152		
\$0	EPA Method TO-17 (VOCs by GC/MS)		sample	\$152	\$0	EPA Method TO-17 (VOCs by GC/MS)		sample	\$152		
\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)		sample	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)		sample	\$152		
\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)		sample	\$290	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)		sample	\$290		
\$0	Other		sample	\$0	\$0	Other		sample	\$0		
\$0	Other		sample	\$0	\$0	Other		sample	\$0		
\$0	<b>Subtotals</b>	0			\$0	<b>Subtotals</b>	0				
\$0	<b>Totals</b>				\$0	<b>Totals</b>					
<b>7.6 System Performance Reporting</b>						<b>7.6 System Performance Reporting</b>					
Total	Staff Title/Classification	Qty	Units	Rate	Total	Staff Title/Classification	Qty	Units	Rate		
\$0	Principal Engineer/Geologist		hours	\$182	\$0	Principal Engineer/Geologist		hours	\$182		
\$0	Project Manager		hours	\$152	\$0	Project Manager		hours	\$152		
\$0	Senior Engineer/Geologist		hours	\$152	\$0	Senior Engineer/Geologist		hours	\$152		
\$0	Project/Assoc Engineer/Geologist		hours	\$131	\$0	Project/Assoc Engineer/Geologist		hours	\$131		
\$0	Staff Engineer/Geologist		hours	\$109	\$0	Staff Engineer/Geologist		hours	\$109		
\$0	Senior Technician		hours	\$102	\$0	Senior Technician		hours	\$102		
\$0	Technician		hours	\$87	\$0	Technician		hours	\$87		
\$0	Drafts Person		hours	\$80	\$0	Drafts Person		hours	\$80		
\$0	Clerical		hours	\$65	\$0	Clerical		hours	\$65		
\$0	<b>Totals</b>	0			\$0	<b>Totals</b>	0				
\$0	<b>7.0 Remedial System O&amp;M</b>		<b>7/1/2024</b>		\$0	<b>7.0 Remedial System O&amp;M</b>		<b>7/1/2025</b>			





**UST Cleanup Fund Programs Project Execution Plan**  
**8.0 Post Remediation and Closure Tasks**  
(Cost Estimating Worksheet)

7/1/2024				
<b>8.1 Work Plan Preparation &amp; Approval</b>				
Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist	1	hours	\$182	\$182
Project Manager	4	hours	\$152	\$608
Senior Engineer/Geologist		hours	\$152	\$0
Project/Assoc Engineer/Geologist	24	hours	\$131	\$3,144
Staff Engineer/Geologist		hours	\$109	\$0
Senior Technician		hours	\$102	\$0
Technician		hours	\$87	\$0
Drafts Person		hours	\$80	\$0
Clerical		hours	\$65	\$0
<b>Totals</b>	<b>29</b>			<b>\$3,934</b>
<b>8.2 Post Remediation Verification Sampling</b>				
Staff Title/Classification	Qty	Units	Rate	Total
Principal Engineer/Geologist	1	hours	\$182	\$182
Project Manager	4	hours	\$152	\$608
Senior Engineer/Geologist		hours	\$152	\$0
Project/Assoc Engineer/Geologist		hours	\$131	\$0
Staff Engineer/Geologist	32	hours	\$109	\$3,488
Senior Technician		hours	\$102	\$0
Technician		hours	\$87	\$0
Drafts Person		hours	\$80	\$0
Clerical		hours	\$65	\$0
<b>Subtotal</b>	<b>37</b>			<b>\$4,278</b>
<b>Other Direct Costs (ODCs)</b>				
Other Direct Costs (ODCs)	Qty	Units	Unit Cost	Total
Mileage	56	mile	\$0.62	\$35
Per Diem		day	\$125	\$0
Disposable Bailer		each	\$10	\$0
55-gallon drum	3	each	\$60	\$180
Soil Sample Liners	6	each	\$10	\$60
Tedlar Bags		each	\$50	\$0
Miscellaneous Items		each	\$25	\$0
Shipping		each	\$25	\$0
Other			\$0	\$0
<b>Subtotal</b>				<b>\$275</b>
<b>Equipment Rental/Supplies</b>				
Equipment Rental/Supplies	Qty	Units	Unit Cost	Total
PID/FID	2	day	\$135	\$270
pH/EC/T meter		day	\$58	\$0
DO Meter		day	\$50	\$0
Water Level Indicator/Interface Probe	2	day	\$35	\$70
Miscellaneous Items		each	\$25	\$0
Reusable Bailer		each	\$26	\$0
Pump (\$/day)		day	\$65	\$0
Baker Tank			\$0	\$0
Other			\$0	\$0
<b>Subtotal</b>				<b>\$340</b>
<b>Subcontractors and Fees</b>				
Subcontractors and Fees	Qty	Units	Unit Cost	Total
Surveyor	1	Lump Sum	\$3,000	\$3,000
Traffic Control		Lump Sum	\$0	\$0
Private Utility Locator		Lump Sum	\$0	\$0
Other Subcontractor	1	Lump Sum	\$3,500	\$3,500
Permit/Fee	14	Lump Sum	\$0	\$0
Permit/Fee		Lump Sum	\$0	\$0
<b>Subtotal</b>				<b>\$6,500</b>
<b>Totals</b>				<b>\$11,393</b>
<b>8.3 Laboratory Analyses</b>				
Analysis - Soil	Qty	Units	Unit Cost	Total
EPA Method 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$75	\$0

**UST Cleanup Fund Programs Project Execution Plan**  
**8.0 Post Remediation and Closure Tasks**  
**(Cost Estimating Worksheet)**

EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)		sample	\$75	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	6	sample	\$218	\$1,308
EPA Method 8270 semi-volatile organic compounds (SVOCs)		sample	\$250	\$0
EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)		sample	\$399	\$0
EPA Method 6010/7421 Total Lead <sup>2</sup>		sample	\$58	\$0
Waste Characterization (reactivity/corrosively/ignitability)		sample	\$261	\$0
5 LUFT Metals <sup>3</sup>		sample	\$116	\$0
CAM 17 Metals <sup>3</sup>		sample	\$254	\$0
Other		sample	\$0	\$0
Other		sample	\$0	\$0
<b>Subtotals</b>	<b>6</b>			<b>\$1,308</b>
<b>Analysis - Groundwater</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g)		sample	\$80	\$0
EPA Method <sup>1</sup> 8015 Total Petroleum Hydrocarbons as diesel/motor oil (TPH-d)		sample	\$80	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		sample	\$218	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)		sample	\$250	\$0
EPA Method 8270 polynuclear aromatic hydrocarbons (PAHs)		sample	\$399	\$0
EPA Method 6010/7421 Total Lead <sup>2</sup>		sample	\$58	\$0
Waste Characterization (reactivity/corrosively/ignitability)		sample	\$261	\$0
5 LUFT Metals <sup>3</sup>		sample	\$116	\$0
CAM 17 Metals <sup>3</sup>		sample	\$254	\$0
Other		sample	\$0	\$0
Other		sample	\$0	\$0
<b>Subtotals</b>	<b>0</b>			<b>\$0</b>
<b>Analyses - Soil Gas</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
EPA Method TO-15 (VOCs by GC/MS)		sample	\$152	\$0
EPA Method TO-17 (VOCs by GC/MS)		sample	\$152	\$0
EPA Method 8021 (VOCs and oxygenates by GC/PID)		sample	\$152	\$0
EPA Method 8260B (VOCs and oxygenates by GC/MS)		sample	\$290	\$0
Other		sample	\$0	\$0
Other		sample	\$0	\$0
<b>Subtotals</b>	<b>0</b>			<b>\$0</b>
<b>Totals</b>				<b>\$1,308</b>
<b>8.4 Data Evaluation/Risk Assessment</b>				
<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>
Principal Engineer/Geologist	1	hours	\$182	\$182
Project Manager	4	hours	\$152	\$608
Senior Engineer/Geologist		hours	\$152	\$0
Project/Assoc Engineer/Geologist	24	hours	\$131	\$3,144
Staff Engineer/Geologist		hours	\$109	\$0
Senior Technician		hours	\$102	\$0
Technician		hours	\$87	\$0
Drafts Person		hours	\$80	\$0
Clerical		hours	\$65	\$0
<b>Totals</b>	<b>29</b>			<b>\$3,934</b>
<b>8.5 Well Abandonment &amp; Site Restoration</b>				
<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total</b>
Project Manager	8	hours	\$152	\$1,216
Senior Engineer/Geologist		hours	\$152	\$0
Project/Assoc Engineer/Geologist	20	hours	\$131	\$2,620
Staff Engineer/Geologist		hours	\$109	\$0
Senior Technician	20	hours	\$102	\$2,040
Technician		hours	\$87	\$0

**UST Cleanup Fund Programs Project Execution Plan**  
**8.0 Post Remediation and Closure Tasks**  
 (Cost Estimating Worksheet)

<b>Subtotal</b>	<b>77</b>			<b>\$5,876</b>
<b>Other Direct Costs (ODCs)</b>				
Mileage	70	mile	\$0.62	\$44
Per Diem		day	\$125	\$0
Disposable Bailer		each	\$10	\$0
55-gallon drum		each	\$60	\$0
Soil Sample Liners		each	\$10	\$0
Tedlar Bags		each	\$50	\$0
Miscellaneous Items		each	\$25	\$0
Shipping		each	\$25	\$0
Other			\$0	\$0
<b>Subtotal</b>				<b>\$44</b>
<b>Subcontractors and Fees</b>				
Well Drilling Permits	14	each	\$500	\$7,000
Driller Mobilization & Demobilization	2	each	\$300	\$600
Driller Daily Rate	2	day	\$1,500	\$3,000
Well Demolition Materials	14	well	\$500	\$7,000
Resurfacing	14	well	\$200	\$2,800
Site Cleanup & Waste Disposal	1	lump sum	\$1,500	\$1,500
Traffic Control		Lump Sum	\$0	\$0
Other 1			\$0	\$0
Other 2			\$0	\$0
<b>Subtotals</b>	<b>29</b>			<b>\$21,900</b>
<b>Totals</b>				<b>\$27,820</b>
<b>8.6 Remediation System Demolition</b>				
<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>
Principal Engineer/Geologist	1	hours	\$182	\$182
Project Manager	20	hours	\$152	\$3,040
Senior Engineer/Geologist		hours	\$152	\$0
Project/Assoc Engineer/Geologist		hours	\$131	\$0
Staff Engineer/Geologist		hours	\$109	\$0
Senior Technician	40	hours	\$102	\$4,080
Technician	40	hours	\$87	\$3,480
Drafts Person		hours	\$80	\$0
Clerical		hours	\$65	\$0
<b>Subtotal</b>	<b>101</b>			<b>\$10,782</b>
<b>Other Direct Costs (ODCs)</b>				
Mileage	70	mile	\$0.62	\$44
Per Diem		day	\$125	\$0
Other			\$0	\$0
<b>Subtotal</b>				<b>\$44</b>
<b>Equipment Rental/Supplies</b>				
Miscellaneous Items		each	\$25	\$0
Other			\$0	\$0
<b>Subtotal</b>				<b>\$0</b>
<b>Subcontractors</b>				
Subcontractor 1 - Slurry remed. Piping	1	Lump Sum	\$4,000	\$4,000
Subcontractor 2		Lump Sum	\$0	\$0
<b>Subtotal</b>				<b>\$4,000</b>
<b>Totals</b>				<b>\$14,826</b>
<b>8.7 Post Remediation/Closure Reporting</b>				
<b>Staff Title/Classification</b>	<b>Qty</b>	<b>Units</b>	<b>Rate</b>	<b>Total</b>
Principal Engineer/Geologist	2	hours	\$182	\$364
Project Manager	4	hours	\$152	\$608
Senior Engineer/Geologist		hours	\$152	\$0
Project/Assoc Engineer/Geologist	16	hours	\$131	\$2,096
Staff Engineer/Geologist		hours	\$109	\$0
Senior Technician		hours	\$102	\$0
Technician		hours	\$87	\$0
Drafts Person		hours	\$80	\$0

**UST Cleanup Fund Programs Project Execution Plan**  
**8.0 Post Remediation and Closure Tasks**  
 (Cost Estimating Worksheet)

Clerical	hours	\$65	\$0
			\$3,068
<b>8.0 Post Remediation/Closure</b>	<b>7/1/2024</b>		<b>\$66,282</b>



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/26/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Van Oppen & Co. 2, Inc. VOCO 2 Insurance & Risk Control Services P.O. Box 793 Teton Village WY 83025	<b>CONTACT NAME:</b> Brenda Todd <b>PHONE (A/C No, Ext):</b> 800-746-0048 <b>E-MAIL ADDRESS:</b> service@vanoppenco2.com	<b>FAX (A/C, No):</b>	
	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
<b>INSURED</b> Telluris, Inc. 1511 Lakeside Lane Huntington Beach CA 92648	<b>INSURER A :</b> Homeland Insurance Co. of NY		34452
	<b>INSURER B :</b>		
	<b>INSURER C :</b>		
	<b>INSURER D :</b>		
	<b>INSURER E :</b>		
<b>INSURER F :</b>			

**COVERAGES**

CERTIFICATE NUMBER: 1315614135

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CPL (Pollution) GEN'L AGGREGATE LIMIT APPLIES PER <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER	Y	Y	793-00-65-82-0001	7/7/2019	7/7/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	Y	Y	793-00-65-82-0001	7/7/2019	7/7/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE EACH OCCURRENCE \$ AGGREGATE \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability "Claims Made"			793-00-65-82-0001	7/7/2019	7/7/2021	Each Claim 1,000,000 Aggregate 2,000,000 Subject to GL Agg

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)**

The City of Westminster, its officers, elected officials, employees, and volunteers are included as Additional Insured under General Liability as per written contract. Coverage is Primary and Non Contributory. A Waiver of Subrogation applies as per written contract.

**CERTIFICATE HOLDER****CANCELLATION**

City of Westminster  
 Attn: Public Works Department  
 8200 Westminster Blvd.  
 Westminster CA 92683

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION – FORM I

This endorsement only modifies coverage provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART  
CONTRACTORS ENVIRONMENTAL LIABILITY COVERAGE PART

### SCHEDULE

#### Name of Person or Organization:

Any person or organization that the "Named Insured" agreed to add as an additional insured in a written contract or written agreement between the "Named Insured" and such person or organization that was fully executed prior to the performance of the "Named Insured's" work that is the subject of such written contract or written agreement. Coverage afforded to such person or organization will not be broader than the scope of insurance agreed to by the "Named Insured" in such written contract or written agreement.

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

- A. **SECTION II – WHO IS AN INSURED** is amended to include as an insured the person or organization shown in the SCHEDULE above, but only with respect to liability arising out of your ongoing operations performed for that insured.
- B. With respect to the insurance afforded to these additional insureds, the following exclusion is added:

#### 2. Exclusions

This insurance does not apply to **bodily injury, property damage or environmental damage** occurring after:

- (a) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the site of the covered operations has been completed; or
- (b) That portion of **your work** out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

All other terms and conditions remain the same.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement only modifies coverage provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART  
CONTRACTORS ENVIRONMENTAL LIABILITY COVERAGE PART

### SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location And Description Of Completed Operations:
Any person or organization that the "Named Insured" agreed to add as an additional insured in a written contract or written agreement between the "Named Insured" and such person or organization that was fully executed prior to the performance of the "Named Insured's" work that is the subject of such written contract or written agreement. Coverage afforded to such person or organization will not be broader than the scope of insurance agreed to by the "Named Insured" in such written contract or written agreement.	Any location, and completed operations at such location, where required by the written contract or written agreement between the Named Insured and the person or organization qualifying as an additional insured under this endorsement.

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

**SECTION II – WHO IS AN INSURED** is amended to include as an additional insured the person(s) or organization(s) shown in the SCHEDULE above, but only with respect to liability for **bodily injury, property damage or environmental damage** caused, in whole or in part, by **your work** at the location designated and described in the SCHEDULE above performed for that additional insured and included in the **products-completed operations hazard**.

All other terms and conditions remain the same.

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

## **PRIMARY AND NON-CONTRIBUTORY ENDORSEMENT**

This endorsement modifies coverage provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART  
CONTRACTORS ENVIRONMENTAL LIABILITY COVERAGE PART

**SECTION IV - CONDITIONS, 8. Other Insurance**, is amended by adding the following paragraph:

This insurance will be considered primary to, and non-contributory with any other insurance issued directly to a person or organization added as an additional insured under this policy, only if you specifically agree, in a written contract or agreement, that this insurance must be primary to, and non-contributory with, such other insurance.

All other terms and conditions remain the same.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement only modifies coverage provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART  
CONTRACTORS ENVIRONMENTAL LIABILITY COVERAGE PART

### SCHEDULE

**Name Of Person Or Organization:**

Any person or organization who requires such a waiver by written contract or written agreement between the "Named Insured" and such person or organization that was fully executed prior to the performance of the "Named Insured's" work that is the subject of such written contract or written agreement.

**SECTION IV – CONDITIONS, 13. Transfer of Rights of Recovery Against Others To Us** is deleted and replaced with the following:

**13. Transfer of Rights of Recovery Against Others To Us**

If the insured has rights to recover all or part of any payment we have made under this policy, those rights are transferred to us. The insured must do nothing to impair them. At our request, the insured will bring **suit** or transfer those rights to us and help us enforce them. Any recovery will be paid first to us until all amounts we have spent on a **claim** or **suit** have been reimbursed. The insured expressly waives the right to be made whole by any such recovery.

We waive any right of recovery we may have against the person or organization shown in the SCHEDULE above because of payments we make for injury or damage arising out of your ongoing operations or **your work** done under a contract with that person or organization and included in the **products-completed operations hazard**. This waiver applies only to the person or organization shown in the SCHEDULE above.

All other terms and conditions remain the same.