



Apex Companies, LLC
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RECEIVED

By Alameda County Environmental Health 2:05 pm, May 05, 2017

May 5, 2017

Ms. Kit Soo, P.G.
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: **Project Execution Plan/Budget
Former Francis Plating Site
785 7th Street, Oakland, California**

Dear Ms. Soo:

Enclosed please find the Project Execution Plan (PEP)/Budget for the Former Francis Plating Site Cleanup Subaccount Program (SCAP).

Perjury Statement:

I have read and acknowledge the content, recommendations, and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the State Water Resources Control Board's GeoTracker website.

If you have any questions or comments regarding the Report, please feel free to Greg McIver at (530) 272-4200.

Sincerely,



Tom McCoy
Seventh St. Group LLC , member

Enclosure



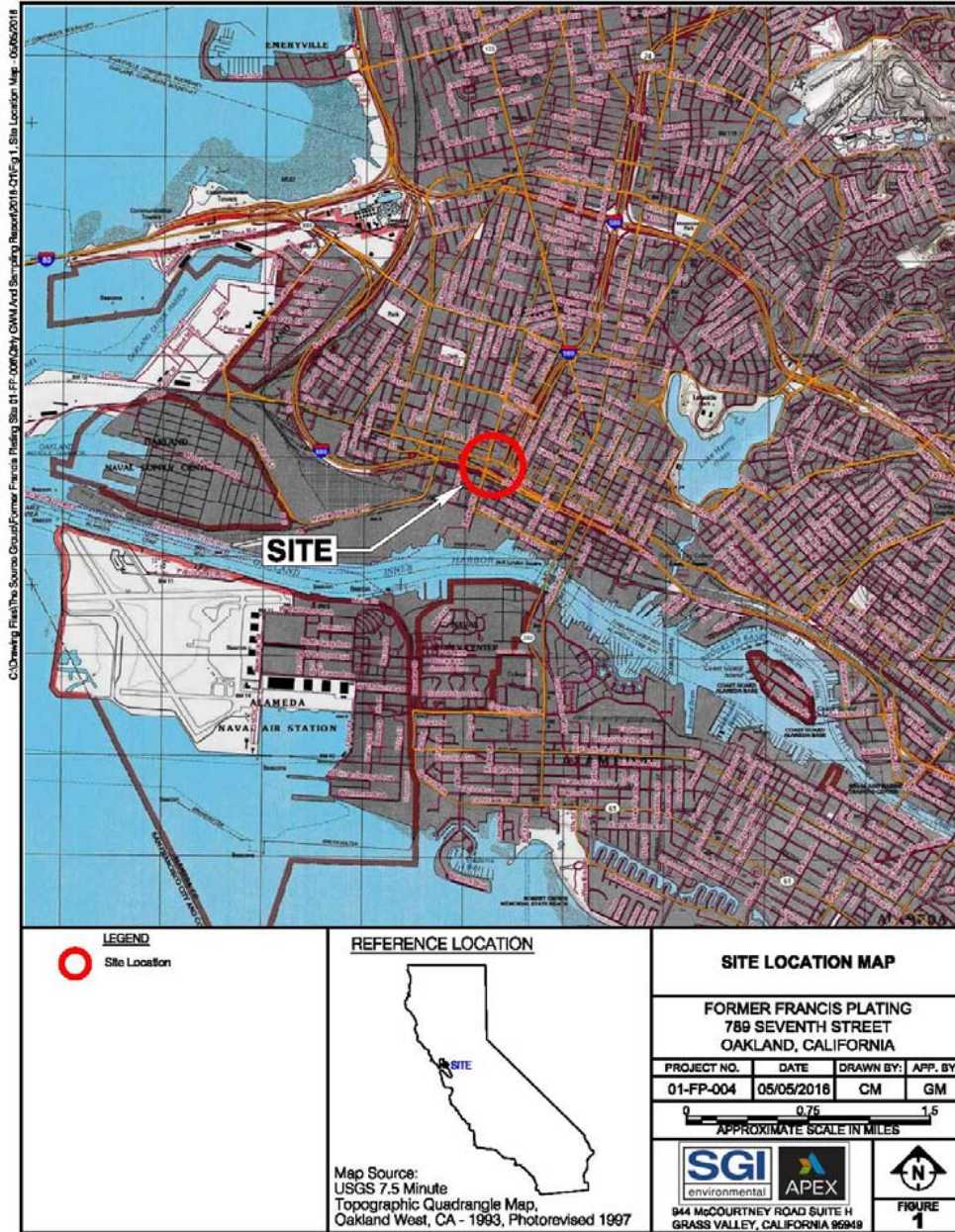
The Source Group, Inc. is a division
of Apex Companies, LLC

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UST Cleanup Fund Programs Project Execution Plan Cover Page

Project/Site Information		Site Closure Information		
Claim No (s) or Grant ID.:	NA	Total Amount Reimbursed To Date:	\$0	
Project or Site Name:	FORMER FRANCIS PLATING FROG POND	Projected Closure/Completion Date:	6/30/2019	
Project or Site Address:	789 7TH, OAKLAND, CA 94607, ALAMEDA COUNTY	Projected Total Cost to Closure/Completion:	\$887,233	
Contact Information		Budget Information		
Claimant/Grantee Name:	THE SEVENTH STREET GROUP, LLC	Fiscal Year Start Date	Budget Category	Projected Cost for Fiscal Year
Claimant/Grantee Contact Name:	TOM McCOY	7/1/2016	(auto-fill from Budget Plan)	\$0.00
Claimant/Grantee Email Address:	tmccoy@bbiconstruction.com	7/1/2017	RS/IRA	\$865,585.50
Claimant/Grantee Phone Number:	510-286-8200	7/1/2018	VM	\$48,683.00
Fund Staff Name and Email Address:	(auto-fill from Summary Page)	7/1/2019	(auto-fill from Budget Plan)	\$0.00
Fund Supervisor Name and Email Address:	(auto-fill from Summary Page)	7/1/2020	(auto-fill from Budget Plan)	\$0.00
Regulator Staff Name and Email Address:	KIT SOO, kit.soo@acgov.org	7/1/2021	(auto-fill from Budget Plan)	\$0.00
Regulator Supervisor Name and Email Address:	DILAN ROE, dilan.roe@acgov.org	7/1/2022	(auto-fill from Budget Plan)	\$0.00
		7/1/2023	(auto-fill from Budget Plan)	\$0.00
		7/1/2024	(auto-fill from Budget Plan)	\$0.00
		7/1/2025	(auto-fill from Budget Plan)	\$0.00
			Total Projected Cost:	\$914,268.50
Proposed Scope of Work				
Summary of Closure Criteria Not Met: Not Applicable				
Summary of Project/Scope of Work (SOW): Scope of work detailed in this PEP accounts for 24-months of Site activities. Scope of work detailed includes cost to complete a feasibility study followed by a bench scale pilot test. Results from the bench scale pilot test will be used to develop a final remediation plan. The final remediation plan to be implemented during the first year of Site activities. Groundwater monitoring and sampling will be conducted during the two years of Site activities to monitoring groundwater concentrations and remediation effectiveness.				
Date of Agreement: DRAFT				

UST Cleanup Fund Programs Project Execution Plan Site Location Map



UST Cleanup Fund Programs Project Execution Plan Site Location Map

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

Numbered and Shaded Cells are Locked

Section 1																					
1. Reason for PEP:	Claims SCAP - Site Cleanup Subaccount Program			2. Project or Site Name:	FORMER FRANCIS PLATING FROG POND			3. Amendment No.:	N/A		4. Amendment Reason:	N/A		5. Amendment Date (mm/dd/yyyy):		6. Date PEP Initiated:	1/12/1900	7. Date Agreement Reached (mm/dd/yyyy):		8. Check that these Required Items are Included	
																		8a. Site Location Map	8b. Multi-Year Budget Plan	8c. Cost Estimating Worksheets	
Section 2																					
9. Claim No.(s) or Project No.(s):	NA			10. Claimant/Grantee Name:	THE SEVENTH STREET GROUP, LLC			11. Claimant/Grantee Contact Name:			TOM MCCOY			12a. Fund Claim Reimbursed:		\$0					
																		12b. EAR Reimbursed:		\$0	
																		12c. OSCF Reimbursed:		\$0	
																		12d. SCAP Reimbursed:		\$0	
																		12e. Total Amount Reimbursed To Date:		\$0	
13. Global ID or Envirostor ID:	SL0600130797			14. Claimant/Grantee Contact Phone Number:	510-286-8200			15. Claimant/Grantee Contact Email Address:			tmccoy@bbconstruction.com										
16. Lead Agency Case No.:	R00002586			17. Site Address:	789 7TH, OAKLAND, CA 94607, ALAMEDA COUNTY			18. Current Claim Budget Category:			For Fund Staff Use Only										
Joint Execution Team Members >>>																					
20a. Fund Staff:		(Enter Name and Email Address)			21a. Regulator Staff:		KIT SOO, kit.soo@acgov.org			22a. Consulting Business Name:			THE SOURCE GROUP, INC., A DIVISION OF APEX COMPANIES, LLC			23a. Consulting Business Contact and Phone Number:		ADAM BROWN 530-272-4200			
20b. Fund Supv:		(Enter Name and Email Address)			21b. Regulator Supv:		DILAN ROE, dilan.roe@acgov.org			22b. Consulting Business Name:			NA			23b. Consulting Business Contact and Phone Number:		NA			
Section 3																					
24. Fiscal Year of Last Task:	6/30/2019			25. Total Project Cost to Closure:	\$887,233			26. Projected Duration of Project (in months):	24		27. Date of Last Case Closure Review Summary Report:	NA		28. Date of Low-Threat Closure Policy (LTCP) Checklist:	NA		29. Date of Path to Closure Plan:	NA			
30a. Directive(s):																					
30b. Directive(s):																					
30c. Directive(s):																					
Section 4																					
Low-Threat UST Case Closure Policy (Policy) Criteria Not Met																					
32. Brief Summary of Criteria Not Met:																					
33. Criterion Not Met 1																					
33. Criterion Not Met 2																					
33. Criterion Not Met 3																					
33. Criterion Not Met 4																					
33. Criterion Not Met 5																					
33. Criterion Not Met 6																					
33. Criterion Not Met 7																					
33. Criterion Not Met 8																					
33. Criterion Not Met 9																					
33. Criterion Not Met 10																					
Section 5																					
Summary of proposed Scope of Work (SOW).																					
34. Brief Summary of Proposed Scope of Work:																					
SOW Specifics>>>																					
35a. GW Monitoring Frequency																					
35b. Proposed # Soil Borings																					
35c. Proposed # Monitoring Wells																					
35d. Proposed # Soil Vapor Wells																					
35e. Proposed # Air Sparging Wells																					
35f. Proposed # In-situ Chem Oxidation Wells																					
Update Proposed Scope of Work Task Details																					
36. Task Number	37. Project Work Phase	38. Task Description	39. Proposed SOW:	40. Policy Criterion Addressed by Task	41. Estimated Fiscal Year Start Date for Task	42. Task Estimated Completion Date	43. Task Actual Completion Date	44. Estimated Cost	45. Actual Cost	46. Percent Ahead/Behind Schedule	47. Percent Over/Under Costs	48. Explanation of Metrics (Reason for Difference in Schedule/Costs)									
1	1.0 Project Management (2017)	1.1 ETAC	RS/IRA - Remedial Selection/Interim Remedial Activities	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$3,090	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
2	1.0 Project Management (2017)	1.2 RTAC	RS/IRA - Remedial Selection/Interim Remedial Activities	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$3,090	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
3	1.0 Project Management (2017)	1.3 PEP/BCR	RS/IRA - Remedial Selection/Interim Remedial Activities	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$3,090	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
4	1.0 Project Management (2017)	1.4 Other	RS/IRA - Remedial Selection/Interim Remedial Activities	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$3,090	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
5	3.0 Groundwater Monitoring (2017)	3.2 Soil/Ground Water Sampling	RS/IRA - Remedial Selection/Interim Remedial Activities	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$28,598	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
6	3.0 Groundwater Monitoring (2017)	3.3 Reporting	RS/IRA - Remedial Selection/Interim Remedial Activities	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$17,480	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
7	3.0 Groundwater Monitoring (2017)	3.4 Laboratory Analyses	RS/IRA - Remedial Selection/Interim Remedial Activities	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$24,150	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
8	3.0 Groundwater Monitoring (2017)	3.5 Other	RS/IRA - Remedial Selection/Interim Remedial Activities	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$950	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
9	4.0 Interim Remedial Action (2017)	4.1 Work Plan Preparation & Approval	RS/IRA - Remedial Selection/Interim Remedial Activities	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$4,920	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
10	5.0 Remedy Selection (2017)	5.1 Corrective Action Plan Preparation & Approval	CAP/REM - Corrective Action Plan/Remediation	(Select from Pull-Down Menu)	7/1/2017	12/31/2017	(mm/dd/yyyy)	\$8,480	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
11	5.0 Remedy Selection (2017)	5.2 Feasibility Study/Alternative Screening	RS/IRA - Remedial Selection/Interim Remedial Activities	(Select from Pull-Down Menu)	7/1/2017	12/31/2017	(mm/dd/yyyy)	\$4,920	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
12	5.0 Remedy Selection (2017)	5.3 Bench or Pilot Testing	RS/IRA - Remedial Selection/Interim Remedial Activities	(Select from Pull-Down Menu)	7/1/2017	12/31/2017	(mm/dd/yyyy)	\$3,120	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
13	5.0 Remedy Selection (2017)	5.6 Other	RS/IRA - Remedial Selection/Interim Remedial Activities	(Select from Pull-Down Menu)	7/1/2017	12/21/2017	(mm/dd/yyyy)	\$19,385	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
14	6.0 Remedial Implementation (2017)	6.2 Design/Specifications Development/Collect Bids	CAP/REM - Corrective Action Plan/Remediation	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$18,925	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									
15	6.0 Remedial Implementation (2017)	6.3 Permitting	CAP/REM - Corrective Action Plan/Remediation	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$14,975	\$0	0.00%	0.00%	(Select from Pull-Down Menu)									

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

16	6.0 Remedial Implementation (2017)	6.4 Well Installation/Construction	CAP/REM - Corrective Action Plan/Remediation	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$30,600	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
17	6.0 Remedial Implementation (2017)	6.5 Drilling Subcontractor	CAP/REM - Corrective Action Plan/Remediation	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$140,825	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
18	6.0 Remedial Implementation (2017)	6.6 Remedial System Installation	CAP/REM - Corrective Action Plan/Remediation	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$39,310	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
19	6.0 Remedial Implementation (2017)	6.7 Waste Disposal	CAP/REM - Corrective Action Plan/Remediation	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$216,140	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
20	6.0 Remedial Implementation (2017)	6.10 Reporting	CAP/REM - Corrective Action Plan/Remediation	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$10,830	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
21	6.0 Remedial Implementation (2017)	6.11 Other	CAP/REM - Corrective Action Plan/Remediation	(Select from Pull-Down Menu)	7/1/2017	6/30/2018	(mm/dd/yyyy)	\$242,550	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
22	1.0 Project Management (2018)	1.1 ETAC	VM - Verification Monitoring	(Select from Pull-Down Menu)	7/1/2018	6/30/2019	(mm/dd/yyyy)	\$3,090	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
23	1.0 Project Management (2018)	1.2 RTAC	VM - Verification Monitoring	(Select from Pull-Down Menu)	7/1/2018	6/30/2019	(mm/dd/yyyy)	\$3,090	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
24	1.0 Project Management (2018)	1.3 PEP/BCR	VM - Verification Monitoring	(Select from Pull-Down Menu)	7/1/2018	6/30/2019	(mm/dd/yyyy)	\$3,090	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
25	1.0 Project Management (2018)	1.4 Other	VM - Verification Monitoring	(Select from Pull-Down Menu)	7/1/2018	6/30/2019	(mm/dd/yyyy)	\$3,090	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
26	3.0 Groundwater Monitoring (2018)	3.2 Soil/Ground Water Sampling	VM - Verification Monitoring	(Select from Pull-Down Menu)	7/1/2018	6/30/2019	(mm/dd/yyyy)	\$15,860	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
27	3.0 Groundwater Monitoring (2018)	3.3 Reporting	VM - Verification Monitoring	(Select from Pull-Down Menu)	7/1/2018	6/30/2019	(mm/dd/yyyy)	\$10,020	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
28	3.0 Groundwater Monitoring (2018)	3.4 Laboratory Analyses	VM - Verification Monitoring	(Select from Pull-Down Menu)	7/1/2018	6/30/2019	(mm/dd/yyyy)	\$9,775	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
29	3.0 Groundwater Monitoring (2018)	3.5 Other	VM - Verification Monitoring	(Select from Pull-Down Menu)	7/1/2018	6/30/2019	(mm/dd/yyyy)	\$700	\$0	0.00%	0.00%	(Select from Pull-Down Menu)	
								49. Total Proposed SOW Costs:					
								\$887,233					

UST Cleanup Fund Programs Project Execution Plan (DRAFT) Multi-Year Budget Plan

(From Cost Estimating Worksheets)

Project or Site Name: FORMER FRANCIS PLATING FROG POND
 Amendment No.: N/A
 Amendment Date: (auto-fill from Summary Page)

Claim No(s) or Project No(s): NA
 Date Agreement Reached: (auto-fill from Summary Page)

Shaded Cells are Unlocked			2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
			Budget Category by Fiscal Year									
Work Phase	Task	Total Costs Through Closure	(Select from Pull-Down)	RS/IRA	VM	(Select from Pull-Down)	(Select from Pull-Down)	(Select from Pull-Down)	(Select from Pull-Down)	(Select from Pull-Down)	(Select from Pull-Down)	(Select from Pull-Down)
1.0 Project Management	1.1 ETAC	\$9,880	\$0	\$4,940	\$4,940	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	1.2 RTAC	\$9,500	\$0	\$4,750	\$4,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	1.3 PEP/BCR	\$3,000	\$0	\$1,500	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	1.4 Other	\$2,340	\$0	\$1,170	\$1,170	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Subtotal	\$24,720	\$0	\$12,360	\$12,360	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.0 Site Assessment Additional Soil Vapor Assessment & HHRA, & LTCP closure request	2.1 Work Plan Preparation & Approval	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2.2 Soil/Groundwater Sampling	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2.3 Drilling Subcontractor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2.4 Boring/Monitoring Well Installation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2.5 Soil Gas Survey	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2.6 Total Reporting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2.7 Laboratory Analyses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	2.8 Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.0 Groundwater Monitoring Quarterly groundwater monitoring	3.1 Work Plan Preparation & Approval	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3.2 Soil/Ground Water Sampling	\$42,396	\$0	\$28,148	\$14,248	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3.3 Reporting	\$41,780	\$0	\$28,340	\$13,440	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3.4 Laboratory Analyses	\$27,773	\$0	\$19,838	\$7,935	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3.5 Other	\$1,650	\$0	\$950	\$700	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$113,599	\$0	\$77,276	\$36,323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.0 Interim Remedial Action	4.1 Work Plan Preparation & Approval	\$15,020	\$0	\$15,020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.2(a) Excavation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.2(b) Product Removal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.2(c) Extraction (SVE, GWPT, DPE)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.2(d) Injection (ozone, ISCO)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.2(e) Monitored Natural Attenuation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.3 Waste Disposal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.4 Reporting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.5 Soil/Ground Water Sampling	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.6 Laboratory Analyses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.7 Utilities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	4.8 Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Subtotal	\$15,020	\$0	\$15,020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5.0 Remedy Selection	5.1 Corrective Action Plan Preparation & Approval	\$8,480	\$0	\$8,480	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5.2 Feasibility Study/Alternative Screening	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5.3 Bench or Pilot Testing	\$3,120	\$0	\$3,120	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5.4 Design/Specifications Development/ Collect Bids	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5.5 Reporting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	5.6 Other	\$19,385	\$0	\$19,385	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$30,985	\$0	\$30,985	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6.0 Remedial Implementation	6.1 Work Plan Preparation & Approval	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.2 Design/Specifications Development/Collect Bids	\$18,925	\$0	\$18,925	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.3 Permitting	\$14,975	\$0	\$14,975	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.4 Well Installation/Construction	\$30,600	\$0	\$30,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.5 Drilling Subcontractor	\$140,825	\$0	\$140,825	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.6 Remedial System Installation	\$286,360	\$0	\$286,360	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.7 Waste Disposal	\$216,140	\$0	\$216,140	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.8 Soil/Water Sampling	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.9 Laboratory Analyses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.10 Reporting	\$15,120	\$0	\$15,120	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	6.11 Other	\$7,000	\$0	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$729,945	\$0	\$729,945	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7.0 Remedial System O&M	7.1 System Performance Monitoring	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	7.2 Repairs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	7.3 Waste Disposal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	7.4 Utilities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	7.5 Groundwater Sampling	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	7.6 Influent/Effluent Sampling	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	7.7 Laboratory Analyses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	7.8 System Performance Reporting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	7.9 Other-system demolition	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8.0 Post Remediation/Closure	8.1 Post Remediation Verification Sampling	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	8.2 Laboratory Analyses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	8.3 Data Evaluation/Closure Request	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	8.4 Vapor Intrusion Study	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	8.5 Well Abandonment & Site Restoration	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	8.6 Reporting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	8.7 Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Estimated Cost to Close		\$914,269	\$0	\$865,586	\$48,683	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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

Fiscal Year 2016/2017				Fiscal Year 2017/2018				Fiscal Year 2018/2019				Fiscal Year 2019/2020			
1.1 Electronic Technical Account Costs (ETAC)				1.1 Electronic Technical Account Costs (ETAC)				1.1 Electronic Technical Account Costs (ETAC)				1.1 Electronic Technical Account Costs (ETAC)			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$190	\$0	Principal Engineer/Geologist	11	\$190	\$2,090	Principal Engineer/Geologist	11	\$190	\$2,090	Principal Engineer/Geologist		\$190	\$0
Project Manager		\$170	\$0	Project Manager		\$170	\$0	Project Manager		\$170	\$0	Project Manager		\$170	\$0
Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0
Project/Assoc Engineer/Geologist		\$150	\$0	Project/Assoc Engineer/Geologist	14	\$150	\$2,100	Project/Assoc Engineer/Geologist	14	\$150	\$2,100	Project/Assoc Engineer/Geologist		\$150	\$0
Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0
Senior Technician		\$100	\$0	Senior Technician		\$100	\$0	Senior Technician		\$100	\$0	Senior Technician		\$100	\$0
Technician		\$90	\$0	Technician		\$90	\$0	Technician		\$90	\$0	Technician		\$90	\$0
Drafts Person		\$80	\$0	Drafts Person		\$80	\$0	Drafts Person		\$80	\$0	Drafts Person		\$80	\$0
Clerical		\$75	\$0	Clerical	10	\$75	\$750	Clerical	10	\$75	\$750	Clerical		\$75	\$0
Totals	0		\$0	Totals	35		\$4,940	Totals	35		\$4,940	Totals	0		\$0
1.2 Regulatory Technical Assistance Costs (RTAC)				1.2 Regulatory Technical Assistance Costs (RTAC)				1.2 Regulatory Technical Assistance Costs (RTAC)				1.2 Regulatory Technical Assistance Costs (RTAC)			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$190	\$0	Principal Engineer/Geologist	10	\$190	\$1,900	Principal Engineer/Geologist	10	\$190	\$1,900	Principal Engineer/Geologist		\$190	\$0
Project Manager		\$170	\$0	Project Manager		\$170	\$0	Project Manager		\$170	\$0	Project Manager		\$170	\$0
Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0
Project/Assoc Engineer/Geologist		\$150	\$0	Project/Assoc Engineer/Geologist	14	\$150	\$2,100	Project/Assoc Engineer/Geologist	14	\$150	\$2,100	Project/Assoc Engineer/Geologist		\$150	\$0
Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0
Senior Technician		\$100	\$0	Senior Technician		\$100	\$0	Senior Technician		\$100	\$0	Senior Technician		\$100	\$0
Technician		\$90	\$0	Technician		\$90	\$0	Technician		\$90	\$0	Technician		\$90	\$0
Drafts Person		\$80	\$0	Drafts Person		\$80	\$0	Drafts Person		\$80	\$0	Drafts Person		\$80	\$0
Clerical		\$75	\$0	Clerical	10	\$75	\$750	Clerical	10	\$75	\$750	Clerical		\$75	\$0
Totals	0		\$0	Totals	34		\$4,750	Totals	34		\$4,750	Totals	0		\$0
1.3 PEP/BCR				1.3 PEP/BCR				1.3 PEP/BCR				1.3 PEP/BCR			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$190	\$0	Principal Engineer/Geologist		\$190	\$0	Principal Engineer/Geologist		\$190	\$0	Principal Engineer/Geologist		\$190	\$0
Project Manager		\$170	\$0	Project Manager		\$170	\$0	Project Manager		\$170	\$0	Project Manager		\$170	\$0
Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0
Project/Assoc Engineer/Geologist		\$150	\$0	Project/Assoc Engineer/Geologist		\$150	\$0	Project/Assoc Engineer/Geologist		\$150	\$0	Project/Assoc Engineer/Geologist		\$150	\$0
Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0
Senior Technician		\$100	\$0	Senior Technician		\$100	\$0	Senior Technician		\$100	\$0	Senior Technician		\$100	\$0
Technician		\$90	\$0	Technician		\$90	\$0	Technician		\$90	\$0	Technician		\$90	\$0
Drafts Person		\$80	\$0	Drafts Person		\$80	\$0	Drafts Person		\$80	\$0	Drafts Person		\$80	\$0
Clerical		\$75	\$0	Clerical	20	\$75	\$1,500	Clerical	20	\$75	\$1,500	Clerical		\$75	\$0
Totals	0		\$0	Totals	20		\$1,500	Totals	20		\$1,500	Totals	0		\$0
1.4 Other				1.4 Other				1.4 Other				1.4 Other			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$190	\$0	Principal Engineer/Geologist	3	\$190	\$570	Principal Engineer/Geologist	3	\$190	\$570	Principal Engineer/Geologist		\$190	\$0
Project Manager		\$170	\$0	Project Manager		\$170	\$0	Project Manager		\$170	\$0	Project Manager		\$170	\$0
Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0
Project/Assoc Engineer/Geologist		\$150	\$0	Project/Assoc Engineer/Geologist	4	\$150	\$600	Project/Assoc Engineer/Geologist	4	\$150	\$600	Project/Assoc Engineer/Geologist		\$150	\$0
Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0
Senior Technician		\$100	\$0	Senior Technician		\$100	\$0	Senior Technician		\$100	\$0	Senior Technician		\$100	\$0
Technician		\$90	\$0	Technician		\$90	\$0	Technician		\$90	\$0	Technician		\$90	\$0
Drafts Person		\$80	\$0	Drafts Person		\$80	\$0	Drafts Person		\$80	\$0	Drafts Person		\$80	\$0
Clerical		\$75	\$0	Clerical		\$75	\$0	Clerical		\$75	\$0	Clerical		\$75	\$0
Totals	0		\$0	Totals	7		\$1,170	Totals	7		\$1,170	Totals	0		\$0

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

Fiscal Year 2024/2025				Fiscal Year 2025/2026			
1.1 Electronic Technical Account Costs (ETAC)				1.1 Electronic Technical Account Costs (ETAC)			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$190	\$0	Principal Engineer/Geologist		\$190	\$0
Project Manager		\$170	\$0	Project Manager		\$170	\$0
Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0
Project/Assoc Engineer/Geologist		\$150	\$0	Project/Assoc Engineer/Geologist		\$150	\$0
Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0
Senior Technician		\$100	\$0	Senior Technician		\$100	\$0
Technician		\$90	\$0	Technician		\$90	\$0
Drafts Person		\$80	\$0	Drafts Person		\$80	\$0
Clerical		\$75	\$0	Clerical		\$75	\$0
Totals	0		\$0	Totals	0		\$0
1.2 Regulatory Technical Assistance Costs (RTAC)				1.2 Regulatory Technical Assistance Costs (RTAC)			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$190	\$0	Principal Engineer/Geologist		\$190	\$0
Project Manager		\$170	\$0	Project Manager		\$170	\$0
Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0
Project/Assoc Engineer/Geologist		\$150	\$0	Project/Assoc Engineer/Geologist		\$150	\$0
Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0
Senior Technician		\$100	\$0	Senior Technician		\$100	\$0
Technician		\$90	\$0	Technician		\$90	\$0
Drafts Person		\$80	\$0	Drafts Person		\$80	\$0
Clerical		\$75	\$0	Clerical		\$75	\$0
Totals	0		\$0	Totals	0		\$0
1.3 PEP/BCR				1.3 PEP/BCR			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$190	\$0	Principal Engineer/Geologist		\$190	\$0
Project Manager		\$170	\$0	Project Manager		\$170	\$0
Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0
Project/Assoc Engineer/Geologist		\$150	\$0	Project/Assoc Engineer/Geologist		\$150	\$0
Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0
Senior Technician		\$100	\$0	Senior Technician		\$100	\$0
Technician		\$90	\$0	Technician		\$90	\$0
Drafts Person		\$80	\$0	Drafts Person		\$80	\$0
Clerical		\$75	\$0	Clerical		\$75	\$0
Totals	0		\$0	Totals	0		\$0
1.4 Other				1.4 Other			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$190	\$0	Principal Engineer/Geologist		\$190	\$0
Project Manager		\$170	\$0	Project Manager		\$170	\$0
Senior Engineer/Geologist		\$170	\$0	Senior Engineer/Geologist		\$170	\$0
Project/Assoc Engineer/Geologist		\$150	\$0	Project/Assoc Engineer/Geologist		\$150	\$0
Staff Engineer/Geologist		\$115	\$0	Staff Engineer/Geologist		\$115	\$0
Senior Technician		\$100	\$0	Senior Technician		\$100	\$0
Technician		\$90	\$0	Technician		\$90	\$0
Drafts Person		\$80	\$0	Drafts Person		\$80	\$0
Clerical		\$75	\$0	Clerical		\$75	\$0
Totals	0		\$0	Totals	0		\$0

**UST Cleanup Fund Programs Project Execution Plan
2.0 Site Assessment Tasks
(Cost Estimating Worksheet)**

Fiscal Year 2016/2017				Fiscal Year 2017/2018				Fiscal Year 2018/2019				Fiscal Year 2019/2020			
2.1 Work Plan Preparation & Approval				2.1 Work Plan Preparation & Approval				2.1 Work Plan Preparation & Approval				2.1 Work Plan Preparation & Approval			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
2.2 Soil/Groundwater Sampling				2.2 Soil/Groundwater Sampling				2.2 Soil/Groundwater Sampling				2.2 Soil/Groundwater Sampling			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0
Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total
Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0
Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0
Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0
55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0
Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total
Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0
Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0
Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0
Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0
PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0
pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0
Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0
Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Totals			\$0	Totals			\$0	Totals			\$0	Totals			\$0
2.3 Drilling Subcontractor				2.3 Drilling Subcontractor				2.3 Drilling Subcontractor				2.3 Drilling Subcontractor			
Units	Cost/Unit	Total		Units	Cost/Unit	Total		Units	Cost/Unit	Total		Units	Cost/Unit	Total	
Well Drilling Permits	\$500	\$0		Well Drilling Permits	\$500	\$0		Well Drilling Permits	\$500	\$0		Well Drilling Permits	\$500	\$0	
Mobilization & Demobilization	\$1,000	\$0		Mobilization & Demobilization	\$1,000	\$0		Mobilization & Demobilization	\$1,000	\$0		Mobilization & Demobilization	\$1,000	\$0	
Drilling Cost/Foot	0	\$15	\$0	Drilling Cost/Foot		\$15	\$0	Drilling Cost/Foot		\$15	\$0	Drilling Cost/Foot		\$15	\$0
Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0
Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0
Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0
Surface Completion		\$99	\$0	Surface Completion		\$99	\$0	Surface Completion		\$99	\$0	Surface Completion		\$99	\$0
Well Development		\$145	\$0	Well Development		\$145	\$0	Well Development		\$145	\$0	Well Development		\$145	\$0
Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0

UST Cleanup Fund Programs Project Execution Plan
2.0 Site Assessment Tasks
 (Cost Estimating Worksheet)

Totals				Totals				Totals				Totals			
			\$0				\$0				\$0				\$0
2.4 Soil Boring/Monitoring Well Installation				2.4 Soil Boring/Monitoring Well Installation				2.4 Soil Boring/Monitoring Well Installation				2.4 Soil Boring/Monitoring Well Installation			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0
Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)			
	Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total
Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0
Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0
Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0
55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0
Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Equipment Rental/Supplies				Equipment Rental/Supplies				Equipment Rental/Supplies				Equipment Rental/Supplies			
	Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total
Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0
Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0
Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0
Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0
PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0
pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0
Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0
Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Totals			\$0	Totals			\$0	Totals			\$0	Totals			\$0
2.5 Soil Gas Survey				2.5 Soil Gas Survey				2.5 Soil Gas Survey				2.5 Soil Gas Survey			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
2.6 Reporting				2.6 Reporting				2.6 Reporting				2.6 Reporting			
Reporting - Soil/Groundwater Sampling	Hours	Rate	Total	Reporting - Soil/Groundwater Sampling	Hours	Rate	Total	Reporting - Soil/Groundwater Sampling	Hours	Rate	Total	Reporting - Soil/Groundwater Sampling	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Reporting Soil Boring/Well Installation	Hours	Rate	Total	Reporting Soil Boring/Well Installation	Hours	Rate	Total	Reporting Soil Boring/Well Installation	Hours	Rate	Total	Reporting Soil Boring/Well Installation	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0

**UST Cleanup Fund Programs Project Execution Plan
2.0 Site Assessment Tasks
(Cost Estimating Worksheet)**

Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Reporting Soil Gas Survey	Hours	Rate	Total	Reporting Soil Gas Survey	Hours	Rate	Total	Reporting Soil Gas Survey	Hours	Rate	Total	Reporting Soil Gas Survey	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Totals			\$0	Totals			\$0	Totals			\$0	Totals			\$0
2.7 Laboratory Analyses				2.7 Laboratory Analyses				2.7 Laboratory Analyses				2.7 Laboratory Analyses			
Analysis - Soil/Groundwater Sampling	No of Samples	Unit Cost	Total	Analysis - Soil/Groundwater Sampling	No of Samples	Unit Cost	Total	Analysis - Soil/Groundwater Sampling	No of Samples	Unit Cost	Total	Analysis - Soil/Groundwater Sampling	No of Samples	Unit Cost	Total
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ² 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ² 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0
EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0
EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0
5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0
CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Subtotals	0		\$0	Subtotals	0		\$0	Subtotals	0		\$0	Subtotals	0		\$0
Analysis - Soil Boring/Well Installation	No of Samples	Unit Cost	Total	Analysis - Soil Boring/Well Installation	No of Samples	Unit Cost	Total	Analysis - Soil Boring/Well Installation	No of Samples	Unit Cost	Total	Analysis - Soil Boring/Well Installation	No of Samples	Unit Cost	Total
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0
EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0
EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0
5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0
CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Subtotals	0		\$0	Subtotals	0		\$0	Subtotals	0		\$0	Subtotals	0		\$0
Analyses - Soil Gas Survey	No of Samples	Unit Cost	Total	Analyses - Soil Gas Survey	No of Samples	Unit Cost	Total	Analyses - Soil Gas Survey	No of Samples	Unit Cost	Total	Analyses - Soil Gas Survey	No of Samples	Unit Cost	Total
EPA Method ¹ TO-3 (TPH, BTEX, MTBE)		\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)		\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)		\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)		\$152	\$0
EPA Method ¹ TO-14A (non-polar VOCs)		\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)		\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)		\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)		\$152	\$0
EPA Method TO-15 (VOCs by GC/MS)		\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)		\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)		\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)		\$152	\$0
EPA Method 8021 (VOCs and oxygenates by GC/PID)		\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)		\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)		\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)		\$152	\$0
EPA Method 8260B (VOCs and oxygenates by GC/MS)		\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)		\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)		\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)		\$264	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0

**UST Cleanup Fund Programs Project Execution Plan
2.0 Site Assessment Tasks
(Cost Estimating Worksheet)**

Subtotals				0	\$0	Subtotals				0	\$0	Subtotals				0	\$0
Totals					\$0	Totals					\$0	Totals					\$0
2.8 Other						2.8 Other						2.8 Other					
Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate	Total		
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0		
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0		
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0		
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0		
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0		
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0		
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0		
<p>¹These EPA Methods are common terminology in practice used by the industry today. Some substitutions, modifications, and alternatives to the precise EPA Method are common. Verify laboratory's certification.</p> <p>²Lead analysis may be required when leaded gasoline was stored in the UST. Usually a limited number of these analyses are performed. If this analysis is performed regularly, technical justification is required.</p> <p>³Metal contamination is not typically an eligible substance, one screening sample is normally allowed if specifically required, or as needed for landfill disposal. Justification for additional sampling will be required.</p>				<p>¹These EPA Methods are common terminology in practice used by the industry today. Some substitutions, modifications, and alternatives to the precise EPA Method are common. Verify laboratory's certification.</p> <p>²Lead analysis may be required when leaded gasoline was stored in the UST. Usually a limited number of these analyses are performed. If this analysis is performed regularly, technical justification is required.</p> <p>³Metal contamination is not typically an eligible substance, one screening sample is normally allowed if specifically required, or as needed for landfill disposal. Justification for additional sampling will be required.</p>				<p>¹These EPA Methods are common terminology in practice used by the industry today. Some substitutions, modifications, and alternatives to the precise EPA Method are common. Verify laboratory's certification.</p> <p>²Lead analysis may be required when leaded gasoline was stored in the UST. Usually a limited number of these analyses are performed. If this analysis is performed regularly, technical justification is required.</p> <p>³Metal contamination is not typically an eligible substance, one screening sample is normally allowed if specifically required, or as needed for landfill disposal. Justification for additional sampling will be required.</p>				<p>¹These EPA Methods are common terminology in practice used by the industry today. Some substitutions, modifications, and alternatives to the precise EPA Method are common. Verify laboratory's certification.</p> <p>²Lead analysis may be required when leaded gasoline was stored in the UST. Usually a limited number of these analyses are performed. If this analysis is performed regularly, technical justification is required.</p> <p>³Metal contamination is not typically an eligible substance, one screening sample is normally allowed if specifically required, or as needed for landfill disposal. Justification for additional sampling will be required.</p>					

UST Cleanup Fund Programs Project Execution Plan
2.0 Site Assessment Tasks
 (Cost Estimating Worksheet)

Fiscal Year 2020/2021				Fiscal Year 2021/2022				Fiscal Year 2022/2023				Fiscal Year 2023/2024			
2.1 Work Plan Preparation & Approval				2.1 Work Plan Preparation & Approval				2.1 Work Plan Preparation & Approval				2.1 Work Plan Preparation & Approval			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
2.2 Soil/Groundwater Sampling				2.2 Soil/Groundwater Sampling				2.2 Soil/Groundwater Sampling				2.2 Soil/Groundwater Sampling			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0
Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)			
Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total	
Padlocks	\$10	\$0		Padlocks	\$10	\$0		Padlocks	\$10	\$0		Padlocks	\$10	\$0	
Disposable Bailer	\$25	\$0		Disposable Bailer	\$25	\$0		Disposable Bailer	\$25	\$0		Disposable Bailer	\$25	\$0	
Plastic sheeting (Visqueen®)	\$15	\$0		Plastic sheeting (Visqueen®)	\$15	\$0		Plastic sheeting (Visqueen®)	\$15	\$0		Plastic sheeting (Visqueen®)	\$15	\$0	
55-gallon drum	\$40	\$0		55-gallon drum	\$40	\$0		55-gallon drum	\$40	\$0		55-gallon drum	\$40	\$0	
Small items such as gloves, distilled water, rope, tape, detergent, etc.	\$25	\$0		Small items such as gloves, distilled water, rope, tape, detergent, etc.	\$25	\$0		Small items such as gloves, distilled water, rope, tape, detergent, etc.	\$25	\$0		Small items such as gloves, distilled water, rope, tape, detergent, etc.	\$25	\$0	
Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0	
Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0	
Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0	
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Equipment Rental/Supplies				Equipment Rental/Supplies				Equipment Rental/Supplies				Equipment Rental/Supplies			
Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total	
Reusable Bailer	\$26	\$0		Reusable Bailer	\$26	\$0		Reusable Bailer	\$26	\$0		Reusable Bailer	\$26	\$0	
Pump (\$/day)	\$59	\$0		Pump (\$/day)	\$59	\$0		Pump (\$/day)	\$59	\$0		Pump (\$/day)	\$59	\$0	
Work Truck	\$60	\$0		Work Truck	\$60	\$0		Work Truck	\$60	\$0		Work Truck	\$60	\$0	
Storage Tank	\$15	\$0		Storage Tank	\$15	\$0		Storage Tank	\$15	\$0		Storage Tank	\$15	\$0	
PID/FID	\$135	\$0		PID/FID	\$135	\$0		PID/FID	\$135	\$0		PID/FID	\$135	\$0	
pH/Ec/T meter	\$53	\$0		pH/Ec/T meter	\$53	\$0		pH/Ec/T meter	\$53	\$0		pH/Ec/T meter	\$53	\$0	
Water Level Indicator/Interface Probe	\$35	\$0		Water Level Indicator/Interface Probe	\$35	\$0		Water Level Indicator/Interface Probe	\$35	\$0		Water Level Indicator/Interface Probe	\$35	\$0	
Miscellaneous Items	\$25	\$0		Miscellaneous Items	\$25	\$0		Miscellaneous Items	\$25	\$0		Miscellaneous Items	\$25	\$0	
Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0	
Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0	
Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0	
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Totals			\$0	Totals			\$0	Totals			\$0	Totals			\$0
2.3 Drilling Subcontractor				2.3 Drilling Subcontractor				2.3 Drilling Subcontractor				2.3 Drilling Subcontractor			
Units	Cost/Unit	Total		Units	Cost/Unit	Total		Units	Cost/Unit	Total		Units	Cost/Unit	Total	
Well Drilling Permits	\$500	\$0		Well Drilling Permits	\$500	\$0		Well Drilling Permits	\$500	\$0		Well Drilling Permits	\$500	\$0	
Mobilization & Demobilization	\$1,000	\$0		Mobilization & Demobilization	\$1,000	\$0		Mobilization & Demobilization	\$1,000	\$0		Mobilization & Demobilization	\$1,000	\$0	
Drilling Cost/Foot	0	\$15	\$0	Drilling Cost/Foot	0	\$15	\$0	Drilling Cost/Foot	0	\$15	\$0	Drilling Cost/Foot	0	\$15	\$0
Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0
Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0
Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0
Surface Completion		\$99	\$0	Surface Completion		\$99	\$0	Surface Completion		\$99	\$0	Surface Completion		\$99	\$0
Well Development		\$145	\$0	Well Development		\$145	\$0	Well Development		\$145	\$0	Well Development		\$145	\$0
Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0

UST Cleanup Fund Programs Project Execution Plan
2.0 Site Assessment Tasks
 (Cost Estimating Worksheet)

Totals				Totals				Totals				Totals			
\$0				\$0				\$0				\$0			
2.4 Soil Boring/Monitoring Well Installation				2.4 Soil Boring/Monitoring Well Installation				2.4 Soil Boring/Monitoring Well Installation				2.4 Soil Boring/Monitoring Well Installation			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0
Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)			
Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total	
Padlocks	\$10	\$0		Padlocks	\$10	\$0		Padlocks	\$10	\$0		Padlocks	\$10	\$0	
Disposable Bailer	\$25	\$0		Disposable Bailer	\$25	\$0		Disposable Bailer	\$25	\$0		Disposable Bailer	\$25	\$0	
Plastic sheeting (Visqueen®)	\$15	\$0		Plastic sheeting (Visqueen®)	\$15	\$0		Plastic sheeting (Visqueen®)	\$15	\$0		Plastic sheeting (Visqueen®)	\$15	\$0	
55-gallon drum	\$40	\$0		55-gallon drum	\$40	\$0		55-gallon drum	\$40	\$0		55-gallon drum	\$40	\$0	
Small items such as gloves, distilled water, rope, tape, detergent, etc.	\$25	\$0		Small items such as gloves, distilled water, rope, tape, detergent, etc.	\$25	\$0		Small items such as gloves, distilled water, rope, tape, detergent, etc.	\$25	\$0		Small items such as gloves, distilled water, rope, tape, detergent, etc.	\$25	\$0	
Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0	
Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0	
Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0	
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Equipment Rental/Supplies				Equipment Rental/Supplies				Equipment Rental/Supplies				Equipment Rental/Supplies			
Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total	
Reusable Bailer	\$26	\$0		Reusable Bailer	\$26	\$0		Reusable Bailer	\$26	\$0		Reusable Bailer	\$26	\$0	
Pump (\$/day)	\$59	\$0		Pump (\$/day)	\$59	\$0		Pump (\$/day)	\$59	\$0		Pump (\$/day)	\$59	\$0	
Work Truck	\$60	\$0		Work Truck	\$60	\$0		Work Truck	\$60	\$0		Work Truck	\$60	\$0	
Storage Tank	\$15	\$0		Storage Tank	\$15	\$0		Storage Tank	\$15	\$0		Storage Tank	\$15	\$0	
PID/FID	\$135	\$0		PID/FID	\$135	\$0		PID/FID	\$135	\$0		PID/FID	\$135	\$0	
pH/Ec/T meter	\$53	\$0		pH/Ec/T meter	\$53	\$0		pH/Ec/T meter	\$53	\$0		pH/Ec/T meter	\$53	\$0	
Water Level Indicator/Interface Probe	\$35	\$0		Water Level Indicator/Interface Probe	\$35	\$0		Water Level Indicator/Interface Probe	\$35	\$0		Water Level Indicator/Interface Probe	\$35	\$0	
Miscellaneous Items	\$25	\$0		Miscellaneous Items	\$25	\$0		Miscellaneous Items	\$25	\$0		Miscellaneous Items	\$25	\$0	
Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0	
Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0	
Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0		Other	\$0	\$0	
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Totals			\$0	Totals			\$0	Totals			\$0	Totals			\$0
2.5 Soil Gas Survey				2.5 Soil Gas Survey				2.5 Soil Gas Survey				2.5 Soil Gas Survey			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
2.6 Reporting				2.6 Reporting				2.6 Reporting				2.6 Reporting			
Reporting - Soil/Groundwater Sampling	Hours	Rate	Total	Reporting - Soil/Groundwater Sampling	Hours	Rate	Total	Reporting - Soil/Groundwater Sampling	Hours	Rate	Total	Reporting - Soil/Groundwater Sampling	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Reporting Soil Boring/Well Installation	Hours	Rate	Total	Reporting Soil Boring/Well Installation	Hours	Rate	Total	Reporting Soil Boring/Well Installation	Hours	Rate	Total	Reporting Soil Boring/Well Installation	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0

**UST Cleanup Fund Programs Project Execution Plan
2.0 Site Assessment Tasks
(Cost Estimating Worksheet)**

Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Reporting Soil Gas Survey	Hours	Rate	Total	Reporting Soil Gas Survey	Hours	Rate	Total	Reporting Soil Gas Survey	Hours	Rate	Total	Reporting Soil Gas Survey	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Totals			\$0	Totals			\$0	Totals			\$0	Totals			\$0
2.7 Laboratory Analyses				2.7 Laboratory Analyses				2.7 Laboratory Analyses				2.7 Laboratory Analyses			
Analysis - Soil/Groundwater Sampling	No of Samples	Unit Cost	Total	Analysis - Soil/Groundwater Sampling	No of Samples	Unit Cost	Total	Analysis - Soil/Groundwater Sampling	No of Samples	Unit Cost	Total	Analysis - Soil/Groundwater Sampling	No of Samples	Unit Cost	Total
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0
EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0
EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0
5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0
CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Subtotals	0		\$0	Subtotals	0		\$0	Subtotals	0		\$0	Subtotals	0		\$0
Analysis - Soil Boring/Well Installation	No of Samples	Unit Cost	Total	Analysis - Soil Boring/Well Installation	No of Samples	Unit Cost	Total	Analysis - Soil Boring/Well Installation	No of Samples	Unit Cost	Total	Analysis - Soil Boring/Well Installation	No of Samples	Unit Cost	Total
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0
EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0
EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0
5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0
CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Subtotals	0		\$0	Subtotals	0		\$0	Subtotals	0		\$0	Subtotals	0		\$0
Analyses - Soil Gas Survey	No of Samples	Unit Cost	Total	Analyses - Soil Gas Survey	No of Samples	Unit Cost	Total	Analyses - Soil Gas Survey	No of Samples	Unit Cost	Total	Analyses - Soil Gas Survey	No of Samples	Unit Cost	Total
EPA Method ¹ TO-3 (TPH, BTEX, MTBE)		\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)		\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)		\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)		\$152	\$0
EPA Method ¹ TO-14A (non-polar VOCs)		\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)		\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)		\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)		\$152	\$0
EPA Method TO-15 (VOCs by GC/MS)		\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)		\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)		\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)		\$152	\$0
EPA Method 8021 (VOCs and oxygenates by GC/PID)		\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)		\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)		\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)		\$152	\$0
EPA Method 8260B (VOCs and oxygenates by GC/MS)		\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)		\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)		\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)		\$264	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0

**UST Cleanup Fund Programs Project Execution Plan
2.0 Site Assessment Tasks
(Cost Estimating Worksheet)**

Subtotals				0	\$0	Subtotals				0	\$0	Subtotals				0	\$0		
Totals					\$0	Totals					\$0	Totals					\$0		
2.8 Other					2.8 Other					2.8 Other					2.8 Other				
Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate	Total
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
¹ These EPA Methods are common terminology in practice used by the industry today. Some substitutions, modifications, and alternatives to the precise EPA Method are common. Verify laboratory's certification.					¹ These EPA Methods are common terminology in practice used by the industry today. Some substitutions, modifications, and alternatives to the precise EPA Method are common. Verify laboratory's certification.					¹ These EPA Methods are common terminology in practice used by the industry today. Some substitutions, modifications, and alternatives to the precise EPA Method are common. Verify laboratory's certification.									
² Lead analysis may be required when leaded gasoline was stored in the UST. Usually a limited number of these analyses are performed. If this analysis is performed regularly, technical justification is required.					² Lead analysis may be required when leaded gasoline was stored in the UST. Usually a limited number of these analyses are performed. If this analysis is performed regularly, technical justification is required.					² Lead analysis may be required when leaded gasoline was stored in the UST. Usually a limited number of these analyses are performed. If this analysis is performed regularly, technical justification is required.									
³ Metal contamination is not typically an eligible substance, one screening sample is normally allowed if specifically required, or as needed for landfill disposal. Justification for additional sampling will be required.					³ Metal contamination is not typically an eligible substance, one screening sample is normally allowed if specifically required, or as needed for landfill disposal. Justification for additional sampling will be required.					³ Metal contamination is not typically an eligible substance, one screening sample is normally allowed if specifically required, or as needed for landfill disposal. Justification for additional sampling will be required.									

UST Cleanup Fund Programs Project Execution Plan
2.0 Site Assessment Tasks
 (Cost Estimating Worksheet)

Fiscal Year 2024/2025				Fiscal Year 2025/2026			
2.1 Work Plan Preparation & Approval				2.1 Work Plan Preparation & Approval			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0
Totals	0		\$0	Totals	0		\$0
2.2 Soil/Groundwater Sampling				2.2 Soil/Groundwater Sampling			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal	0		\$0	Subtotal	0		\$0
Other Direct Costs (ODCs)				Other Direct Costs (ODCs)			
	Each	Unit Cost	Total		Each	Unit Cost	Total
Padlocks		\$10	\$0	Padlocks		\$10	\$0
Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0
Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0
55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0
Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0
Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0
Subtotal			\$0	Subtotal			\$0
Equipment Rental/Supplies				Equipment Rental/Supplies			
	Each	Unit Cost	Total		Each	Unit Cost	Total
Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0
Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0
Work Truck		\$60	\$0	Work Truck		\$60	\$0
Storage Tank		\$15	\$0	Storage Tank		\$15	\$0
PID/FID		\$135	\$0	PID/FID		\$135	\$0
pH/EC/T meter		\$53	\$0	pH/EC/T meter		\$53	\$0
Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0
Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0
Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0
Subtotal			\$0	Subtotal			\$0
Totals			\$0	Totals			\$0
2.3 Drilling Subcontractor				2.3 Drilling Subcontractor			
	Units	Cost/Unit	Total		Units	Cost/Unit	Total
Well Drilling Permits		\$500	\$0	Well Drilling Permits		\$500	\$0
Mobilization & Demobilization		\$1,000	\$0	Mobilization & Demobilization		\$1,000	\$0
Drilling Cost/Foot	0	\$15	\$0	Drilling Cost/Foot	0	\$15	\$0
Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0
Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0
Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0
Surface Completion		\$99	\$0	Surface Completion		\$99	\$0
Well Development		\$145	\$0	Well Development		\$145	\$0
Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0
Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0

UST Cleanup Fund Programs Project Execution Plan
2.0 Site Assessment Tasks
 (Cost Estimating Worksheet)

Totals				Totals			
			\$0				\$0
2.4 Soil Boring/Monitoring Well Installation				2.4 Soil Boring/Monitoring Well Installation			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal	0		\$0	Subtotal	0		\$0
Other Direct Costs (ODCs)				Other Direct Costs (ODCs)			
Each	Unit Cost	Total		Each	Unit Cost	Total	
Padlocks	\$10	\$0		Padlocks	\$10	\$0	
Disposable Bailer	\$25	\$0		Disposable Bailer	\$25	\$0	
Plastic sheeting (Visqueen®)	\$15	\$0		Plastic sheeting (Visqueen®)	\$15	\$0	
55-gallon drum	\$40	\$0		55-gallon drum	\$40	\$0	
Small items such as gloves, distilled water, rope, tape, detergent, etc.	\$25	\$0		Small items such as gloves, distilled water, rope, tape, detergent, etc.	\$25	\$0	
Other	\$0	\$0		Other	\$0	\$0	
Other	\$0	\$0		Other	\$0	\$0	
Other	\$0	\$0		Other	\$0	\$0	
Subtotal			\$0	Subtotal			\$0
Equipment Rental/Supplies				Equipment Rental/Supplies			
Each	Unit Cost	Total		Each	Unit Cost	Total	
Reusable Bailer	\$26	\$0		Reusable Bailer	\$26	\$0	
Pump (\$/day)	\$59	\$0		Pump (\$/day)	\$59	\$0	
Work Truck	\$60	\$0		Work Truck	\$60	\$0	
Storage Tank	\$15	\$0		Storage Tank	\$15	\$0	
PID/FID	\$135	\$0		PID/FID	\$135	\$0	
pH/Ec/T meter	\$53	\$0		pH/Ec/T meter	\$53	\$0	
Water Level Indicator/Interface Probe	\$35	\$0		Water Level Indicator/Interface Probe	\$35	\$0	
Miscellaneous Items	\$25	\$0		Miscellaneous Items	\$25	\$0	
Other	\$0	\$0		Other	\$0	\$0	
Other	\$0	\$0		Other	\$0	\$0	
Other	\$0	\$0		Other	\$0	\$0	
Subtotal			\$0	Subtotal			\$0
Totals			\$0	Totals			\$0
2.5 Soil Gas Survey				2.5 Soil Gas Survey			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0
Totals	0		\$0	Totals	0		\$0
2.6 Reporting				2.6 Reporting			
Reporting - Soil/Groundwater Sampling				Reporting - Soil/Groundwater Sampling			
Hours	Rate	Total		Hours	Rate	Total	
Principal Engineer/Geologist	\$165	\$0		Principal Engineer/Geologist	\$165	\$0	
Project Manager	\$139	\$0		Project Manager	\$139	\$0	
Senior Engineer/Geologist	\$139	\$0		Senior Engineer/Geologist	\$139	\$0	
Project/Assoc Engineer/Geologist	\$119	\$0		Project/Assoc Engineer/Geologist	\$119	\$0	
Staff Engineer/Geologist	\$99	\$0		Staff Engineer/Geologist	\$99	\$0	
Senior Technician	\$92	\$0		Senior Technician	\$92	\$0	
Technician	\$79	\$0		Technician	\$79	\$0	
Drafts Person	\$73	\$0		Drafts Person	\$73	\$0	
Clerical	\$59	\$0		Clerical	\$59	\$0	
Subtotal			\$0	Subtotal			\$0
Reporting Soil Boring/Well Installation				Reporting Soil Boring/Well Installation			
Hours	Rate	Total		Hours	Rate	Total	
Principal Engineer/Geologist	\$165	\$0		Principal Engineer/Geologist	\$165	\$0	

**UST Cleanup Fund Programs Project Execution Plan
2.0 Site Assessment Tasks
(Cost Estimating Worksheet)**

Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal			\$0	Subtotal			\$0
Reporting Soil Gas Survey	Hours	Rate	Total	Reporting Soil Gas Survey	Hours	Rate	Total
Principal Engineer/Geologist		\$165	\$0	Principal Engineer/Geologist		\$165	\$0
Project Manager		\$139	\$0	Project Manager		\$139	\$0
Senior Engineer/Geologist		\$139	\$0	Senior Engineer/Geologist		\$139	\$0
Project/Assoc Engineer/Geologist		\$119	\$0	Project/Assoc Engineer/Geologist		\$119	\$0
Staff Engineer/Geologist		\$99	\$0	Staff Engineer/Geologist		\$99	\$0
Senior Technician		\$92	\$0	Senior Technician		\$92	\$0
Technician		\$79	\$0	Technician		\$79	\$0
Drafts Person		\$73	\$0	Drafts Person		\$73	\$0
Clerical		\$59	\$0	Clerical		\$59	\$0
Subtotal			\$0	Subtotal			\$0
Totals			\$0	Totals			\$0
2.7 Laboratory Analyses				2.7 Laboratory Analyses			
Analysis - Soil/Groundwater Sampling	No of Samples	Unit Cost	Total	Analysis - Soil/Groundwater Sampling	No of Samples	Unit Cost	Total
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0
EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0
EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0
5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0
CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0
Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0
Subtotals	0		\$0	Subtotals	0		\$0
Analysis - Soil Boring/Well Installation	No of Samples	Unit Cost	Total	Analysis - Soil Boring/Well Installation	No of Samples	Unit Cost	Total
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)		\$73	\$0
EPA Method 8020 BTEX/MTBE		\$73	\$0	EPA Method 8020 BTEX/MTBE		\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)		\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates		\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)		\$363	\$0
EPA Method 6010/7421 Total Lead ²		\$53	\$0	EPA Method 6010/7421 Total Lead ²		\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)		\$238	\$0
5 LUFT Metals ³		\$106	\$0	5 LUFT Metals ³		\$106	\$0
CAM 17 Metals ³		\$231	\$0	CAM 17 Metals ³		\$231	\$0
Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0
Subtotals	0		\$0	Subtotals	0		\$0
Analyses - Soil Gas Survey	No of Samples	Unit Cost	Total	Analyses - Soil Gas Survey	No of Samples	Unit Cost	Total
EPA Method ¹ TO-3 (TPH, BTEX, MTBE)		\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)		\$152	\$0
EPA Method ¹ TO-14A (non-polar VOCs)		\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)		\$152	\$0
EPA Method TO-15 (VOCs by GC/MS)		\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)		\$152	\$0
EPA Method 8021 (VOCs and oxygenates by GC/PID)		\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)		\$152	\$0
EPA Method 8260B (VOCs and oxygenates by GC/MS)		\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)		\$264	\$0
Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0

**UST Cleanup Fund Programs Project Execution Plan
2.0 Site Assessment Tasks
(Cost Estimating Worksheet)**

Subtotals				0	\$0	Subtotals				0	\$0		
Totals					\$0	Totals					\$0		
2.8 Other					2.8 Other								
Description	Units	Rate	Total		Description	Units	Rate	Total		Description	Units	Rate	Total
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0
Totals				0	\$0	Totals				0	\$0		

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

Fiscal Year 2016/2017				Fiscal Year 2017/2018				Fiscal Year 2018/2019				Fiscal Year 2019/2020			
3.1 Work Plan Preparation & Approval				3.1 Work Plan Preparation & Approval				3.1 Work Plan Preparation & Approval				3.1 Work Plan Preparation & Approval			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
3.2 Groundwater Monitoring Event				3.2 Groundwater Monitoring Event				3.2 Groundwater Monitoring Event				3.2 Groundwater Monitoring Event			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Subcontractor	0	\$0	\$0	Principal Engineer/Geologist	8	\$190	\$1,520	Principal Engineer/Geologist	4	\$190	\$760	Subcontractor	0	\$0	\$0
Staff Engineer/Geologist	0	\$115	\$0	Project/Assoc Engineer/Geologist	18	\$150	\$2,700	Project/Assoc Engineer/Geologist	16	\$150	\$2,400	Staff Engineer/Geologist	0	\$115	\$0
Technician	0	\$90	\$0	Staff Engineer/Geologist	132	\$115	\$15,180	Staff Engineer/Geologist	60	\$115	\$6,900	Technician	0	\$90	\$0
Other	0	\$0	\$0	Clerical	8	\$75	\$600	Clerical	4	\$75	\$300	Other	0	\$0	\$0
Subtotal			\$0	Subtotal			\$20,000	Subtotal			\$10,360	Subtotal			\$0
Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total
Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0
Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0
Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0
55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0
Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Equipment Rental/Supplies	Unit	Unit Cost	Total	Equipment Rental/Supplies	Unit	Unit Cost	Total	Equipment Rental/Supplies	Unit	Unit Cost	Total	Equipment Rental/Supplies	Unit	Unit Cost	Total
Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0
Pump (\$/day)		\$59	\$0	Pump (\$/day)	9	\$59	\$531	Pump (\$/day)	4	\$59	\$236	Pump (\$/day)		\$59	\$0
Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0
Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0
PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0
pH/Ec/T meter		\$53	\$0	pH/Ec/T meter	9	\$125	\$1,125	pH/Ec/T meter	4	\$125	\$500	pH/Ec/T meter		\$53	\$0
Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe	9	\$35	\$315	Water Level Indicator/Interface Probe	4	\$35	\$140	Water Level Indicator/Interface Probe		\$35	\$0
Miscellaneous Items		\$25	\$0	Miscellaneous Items	5	\$150	\$750	Miscellaneous Items	4	\$150	\$600	Miscellaneous Items		\$25	\$0
Other		\$0	\$0	Travel (Transportations and per diem)	9	\$200	\$1,800	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Waste Disposal (per drum)	9	\$403	\$3,627	Other		\$0	\$0	Other		\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Subtotal			\$0	Subtotal			\$8,148	Subtotal			\$3,888	Subtotal			\$0
Totals		Total	\$0	Totals		Total	\$28,148	Totals		Total	\$14,248	Totals		Total	\$0
3.3 Periodic Groundwater Monitoring Report				3.3 Periodic Groundwater Monitoring Report				3.3 Periodic Groundwater Monitoring Report				3.3 Periodic Groundwater Monitoring Report			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	20	\$190	\$3,800	Principal Engineer/Geologist	10	\$190	\$1,900	Principal Engineer/Geologist	0	\$190	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	40	\$150	\$6,000	Project/Assoc Engineer/Geologist	20	\$150	\$3,000	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	110	\$115	\$12,650	Staff Engineer/Geologist	50	\$115	\$5,750	Staff Engineer/Geologist	0	\$115	\$0
Drafts Person	0	\$80	\$0	Drafts Person	38	\$80	\$3,040	Drafts Person	18	\$80	\$1,440	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	38	\$75	\$2,850	Clerical	18	\$75	\$1,350	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	246		\$28,340	Totals	116		\$13,440	Totals	0		\$0
3.4 Laboratory Analyses				3.4 Laboratory Analyses				3.4 Laboratory Analyses				3.4 Laboratory Analyses			
Laboratory Analyses (Soil & Water)	No of Samples	Unit Cost	Total	Laboratory Analyses (Soil & Water)	No of Samples	Unit Cost	Total	Laboratory Analyses (Soil & Water)	No of Analyses	Unit Cost	Total	Laboratory Analyses (Soil & Water)	No of Analyses	Unit Cost	Total
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0

UST Cleanup Fund Programs Project Execution Plan

3.0 Groundwater Monitoring Tasks

(Cost Estimating Worksheet)

EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	50	\$86	\$4,313	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	20	\$86	\$1,725	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	Hexavalent Chromium	50	\$109	\$5,463	Hexavalent Chromium	20	\$109	\$2,185	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	Geotechnical Parameters	25	\$173	\$4,313	Geotechnical Parameters	10	\$173	\$1,725	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0
5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0
CAM 17 Metals3	0	\$231	\$0	Title 22 Metals	50	\$109	\$5,463	Title 22 Metals	20	\$109	\$2,185	CAM 17 Metals3	0	\$231	\$0
Other 1	0	\$0	\$0	Laboratory EDF Reports	5	\$58	\$288	Laboratory EDF Reports	2	\$58	\$115	Other 1	0	\$0	\$0
Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0
Totals	0		\$0	Totals	180		\$19,838	Totals	72		\$7,935	Totals	0		\$0
3.5 Other				3.5 Other				3.5 Other				3.5 Other			
Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate	Total
Other		\$0	\$0	Sample Shipment	5	\$150	\$750	Sample Shipment	4	\$150	\$600	Other		\$0	\$0
Other		\$0	\$0	Miscellaneous (Report Production)	4	\$50	\$200	Miscellaneous (Report Production)	2	\$50	\$100	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Totals	0		\$0	Totals	9		\$950	Totals	6		\$700	Totals	0		\$0

UST Cleanup Fund Programs Project Execution Plan

3.0 Groundwater Monitoring Tasks

(Cost Estimating Worksheet)

Fiscal Year 2020/2021					Fiscal Year 2021/2022					Fiscal Year 2022/2023					Fiscal Year 2023/2024				
3.1 Work Plan Preparation & Approval					3.1 Work Plan Preparation & Approval					3.1 Work Plan Preparation & Approval					3.1 Work Plan Preparation & Approval				
Staff Title/Classification	Hours	Rate	Total		Staff Title/Classification	Hours	Rate	Total		Staff Title/Classification	Hours	Rate	Total		Staff Title/Classification	Hours	Rate		
Principal Engineer/Geologist	0	\$190	\$0		Principal Engineer/Geologist	0	\$190	\$0		Principal Engineer/Geologist	0	\$190	\$0		Principal Engineer/Geologist	0	\$190		
Project Manager	0	\$170	\$0		Project Manager	0	\$170	\$0		Project Manager	0	\$170	\$0		Project Manager	0	\$170		
Senior Engineer/Geologist	0	\$170	\$0		Senior Engineer/Geologist	0	\$170	\$0		Senior Engineer/Geologist	0	\$170	\$0		Senior Engineer/Geologist	0	\$170		
Project/Assoc Engineer/Geologist	0	\$150	\$0		Project/Assoc Engineer/Geologist	0	\$150	\$0		Project/Assoc Engineer/Geologist	0	\$150	\$0		Project/Assoc Engineer/Geologist	0	\$150		
Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115		
Senior Technician	0	\$100	\$0		Senior Technician	0	\$100	\$0		Senior Technician	0	\$100	\$0		Senior Technician	0	\$100		
Technician	0	\$90	\$0		Technician	0	\$90	\$0		Technician	0	\$90	\$0		Technician	0	\$90		
Drafts Person	0	\$80	\$0		Drafts Person	0	\$80	\$0		Drafts Person	0	\$80	\$0		Drafts Person	0	\$80		
Clerical	0	\$75	\$0		Clerical	0	\$75	\$0		Clerical	0	\$75	\$0		Clerical	0	\$75		
Totals	0		\$0		Totals	0		\$0		Totals	0		\$0		Totals	0			
3.2 Groundwater Monitoring Event					3.2 Groundwater Monitoring Event					3.2 Groundwater Monitoring Event					3.2 Groundwater Monitoring Event				
Staff Title/Classification	Hours	Rate	Total		Staff Title/Classification	Hours	Rate	Total		Staff Title/Classification	Hours	Rate	Total		Staff Title/Classification	Hours	Rate		
Subcontractor	0	\$0	\$0		Subcontractor	0	\$0	\$0		Subcontractor	0	\$0	\$0		Subcontractor	0	\$0		
Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115		
Technician	0	\$90	\$0		Technician	0	\$90	\$0		Technician	0	\$90	\$0		Technician	0	\$90		
Other	0	\$0	\$0		Other	0	\$0	\$0		Other	0	\$0	\$0		Other	0	\$0		
Subtotal			\$0		Subtotal			\$0		Subtotal			\$0		Subtotal				
Other Direct Costs (ODCs)	Each	Unit Cost	Total		Other Direct Costs (ODCs)	Each	Unit Cost	Total		Other Direct Costs (ODCs)	Each	Unit Cost	Total		Other Direct Costs (ODCs)	Each	Unit Cost		
Padlocks		\$10	\$0		Padlocks		\$10	\$0		Padlocks		\$10	\$0		Padlocks		\$10		
Disposable Bailer		\$25	\$0		Disposable Bailer		\$25	\$0		Disposable Bailer		\$25	\$0		Disposable Bailer		\$25		
Plastic sheeting (Visqueen®)		\$15	\$0		Plastic sheeting (Visqueen®)		\$15	\$0		Plastic sheeting (Visqueen®)		\$15	\$0		Plastic sheeting (Visqueen®)		\$15		
55-gallon drum		\$40	\$0		55-gallon drum		\$40	\$0		55-gallon drum		\$40	\$0		55-gallon drum		\$40		
Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0		Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0		Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0		Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25		
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0		Other		\$0		
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0		Other		\$0		
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0		Other		\$0		
Subtotal			\$0		Subtotal			\$0		Subtotal			\$0		Subtotal				
Equipment Rental/Supplies	Unit	Unit Cost	Total		Equipment Rental/Supplies	Unit	Unit Cost	Total		Equipment Rental/Supplies	Unit	Unit Cost	Total		Equipment Rental/Supplies	Unit	Unit Cost		
Reusable Bailer		\$26	\$0		Reusable Bailer		\$26	\$0		Reusable Bailer		\$26	\$0		Reusable Bailer		\$26		
Pump (\$/day)		\$59	\$0		Pump (\$/day)		\$59	\$0		Pump (\$/day)		\$59	\$0		Pump (\$/day)		\$59		
Work Truck		\$60	\$0		Work Truck		\$60	\$0		Work Truck		\$60	\$0		Work Truck		\$60		
Storage Tank		\$15	\$0		Storage Tank		\$15	\$0		Storage Tank		\$15	\$0		Storage Tank		\$15		
PID/FID		\$135	\$0		PID/FID		\$135	\$0		PID/FID		\$135	\$0		PID/FID		\$135		
pH/Ec/T meter		\$53	\$0		pH/Ec/T meter		\$53	\$0		pH/Ec/T meter		\$53	\$0		pH/Ec/T meter		\$53		
Water Level Indicator/Interface Probe		\$35	\$0		Water Level Indicator/Interface Probe		\$35	\$0		Water Level Indicator/Interface Probe		\$35	\$0		Water Level Indicator/Interface Probe		\$35		
Miscellaneous Items		\$25	\$0		Miscellaneous Items		\$25	\$0		Miscellaneous Items		\$25	\$0		Miscellaneous Items		\$25		
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0		Other		\$0		
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0		Other		\$0		
Other	0	\$0	\$0		Other	0	\$0	\$0		Other	0	\$0	\$0		Other	0	\$0		
Subtotal			\$0		Subtotal			\$0		Subtotal			\$0		Subtotal				
Totals		Total	\$0		Totals		Total	\$0		Totals		Total	\$0		Totals		Total		
3.3 Periodic Groundwater Monitoring Report					3.3 Periodic Groundwater Monitoring Report					3.3 Periodic Groundwater Monitoring Report					3.3 Periodic Groundwater Monitoring Report				
Staff Title/Classification	Hours	Rate	Total		Staff Title/Classification	Hours	Rate	Total		Staff Title/Classification	Hours	Rate	Total		Staff Title/Classification	Hours	Rate		
Principal Engineer/Geologist	0	\$190	\$0		Principal Engineer/Geologist	0	\$190	\$0		Principal Engineer/Geologist	0	\$190	\$0		Principal Engineer/Geologist	0	\$190		
Project/Assoc Engineer/Geologist	0	\$150	\$0		Project/Assoc Engineer/Geologist	0	\$150	\$0		Project/Assoc Engineer/Geologist	0	\$150	\$0		Project/Assoc Engineer/Geologist	0	\$150		
Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115		
Drafts Person	0	\$80	\$0		Drafts Person	0	\$80	\$0		Drafts Person	0	\$80	\$0		Drafts Person	0	\$80		
Clerical	0	\$75	\$0		Clerical	0	\$75	\$0		Clerical	0	\$75	\$0		Clerical	0	\$75		
Totals	0		\$0		Totals	0		\$0		Totals	0		\$0		Totals	0			
3.4 Laboratory Analyses					3.4 Laboratory Analyses					3.4 Laboratory Analyses					3.4 Laboratory Analyses				
Laboratory Analyses (Soil & Water)	No of Analyses	Unit Cost	Total		Laboratory Analyses (Soil & Water)	No of Analyses	Unit Cost	Total		Laboratory Analyses (Soil & Water)	No of Analyses	Unit Cost	Total		Laboratory Analyses (Soil & Water)	No of Analyses	Unit Cost		
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0		EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0		EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0		EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73		

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

EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238
5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106
CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231
Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0
Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0	
3.5 Other				3.5 Other				3.5 Other				3.5 Other		
Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0	

UST Cleanup Fund Programs Project Execution Plan

3.0 Groundwater Monitoring Tasks

(Cost Estimating Worksheet)

Fiscal Year 2024/2025					Fiscal Year 2025/2026				
3.1 Work Plan Preparation & Approval					3.1 Work Plan Preparation & Approval				
Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	
\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	
\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	
\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	
\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	
\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	
\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	
\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	
\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	
\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	
\$0	Totals	0		\$0	Totals	0		\$0	
3.2 Groundwater Monitoring Event					3.2 Groundwater Monitoring Event				
Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	
\$0	Subcontractor	0	\$0	\$0	Subcontractor	0	\$0	\$0	
\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	
\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	
\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	
\$0	Subtotal			\$0	Subtotal			\$0	
Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	
\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	
\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	
\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	
\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	
\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Subtotal			\$0	Subtotal			\$0	
Total	Equipment Rental/Supplies	Unit	Unit Cost	Total	Equipment Rental/Supplies	Unit	Unit Cost	Total	
\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	
\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	
\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0	
\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	
\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0	
\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	
\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	
\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	
\$0	Subtotal			\$0	Subtotal			\$0	
\$0	Totals		Total	\$0	Totals		Total	\$0	
3.3 Periodic Groundwater Monitoring Report					3.3 Periodic Groundwater Monitoring Report				
Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	
\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	
\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	
\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	
\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	
\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	
\$0	Totals	0		\$0	Totals	0		\$0	
3.4 Laboratory Analyses					3.4 Laboratory Analyses				
Total	Laboratory Analyses (Soil & Water)	No of Analyses	Unit Cost	Total	Laboratory Analyses (Soil & Water)	No of Analyses	Unit Cost	Total	
\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	

UST Cleanup Fund Programs Project Execution Plan

3.0 Groundwater Monitoring Tasks

(Cost Estimating Worksheet)

\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	
\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	
\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	
\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	
\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	
\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	
\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	
\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	
\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	
\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	
\$0	Totals	0		\$0	Totals	0		\$0	
3.5 Other					3.5 Other				
<u>Total</u>	<u>Description</u>	<u>Units</u>	<u>Rate</u>	<u>Total</u>	<u>Description</u>	<u>Units</u>	<u>Rate</u>	<u>Total</u>	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Totals	0		\$0	Totals	0		\$0	

UST Cleanup Fund Programs Project Execution Plan
4.0 Interim Remedial Action Tasks
 (Cost Estimating Worksheet)

Fiscal Year 2016/2017				Fiscal Year 2017/2018				Fiscal Year 2018/2019				Fiscal Year 2019/2020			
4.1 Work Plan Preparation & Approval				4.1 Work Plan Preparation & Approval				4.1 Work Plan Preparation & Approval				4.1 Work Plan Preparation & Approval			
Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	18	\$190	\$3,420	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	24	\$150	\$3,600	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	48	\$115	\$5,520	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	16	\$80	\$1,280	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	16	\$75	\$1,200	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Subtotal	0		\$0	Subtotal	122		\$15,020	Subtotal	0		\$0	Subtotal	0		\$0
Community Health & Safety Plan				Community Health & Safety Plan				Community Health & Safety Plan				Community Health & Safety Plan			
Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0
Total			\$0	Total			\$15,020	Total			\$0	Total			\$0
4.2 Interim Remedial Technology Testing				4.2 Interim Remedial Technology Testing				4.2 Interim Remedial Technology Testing				4.2 Interim Remedial Technology Testing			
	Units	Unit Cost	Total		Units	Unit Cost	Total		Units	Unit Cost	Total		Units	Unit Cost	Total
(a) Soil Removal	0	\$25,000	\$0	(a) Soil Removal	0	\$25,000	\$0	(a) Soil Removal	0	\$25,000	\$0	(a) Soil Removal	0	\$25,000	\$0
(b) Free Product Removal	0	\$105,000	\$0	(b) Free Product Removal	0	\$105,000	\$0	(b) Free Product Removal	0	\$105,000	\$0	(b) Free Product Removal	0	\$105,000	\$0
(c) Air Sparging/Soil Vapor Extraction	0	\$105,000	\$0	(c) Air Sparging/Soil Vapor Extraction	0	\$105,000	\$0	(c) Air Sparging/Soil Vapor Extraction	0	\$105,000	\$0	(c) Air Sparging/Soil Vapor Extraction	0	\$105,000	\$0
(c) Dual-Phase Extraction	0	\$90,000	\$0	(c) Dual-Phase Extraction	0	\$90,000	\$0	(c) Dual-Phase Extraction	0	\$90,000	\$0	(c) Dual-Phase Extraction	0	\$90,000	\$0
(c) Ground Water Extraction	0	\$155,000	\$0	(c) Ground Water Extraction	0	\$155,000	\$0	(c) Ground Water Extraction	0	\$155,000	\$0	(c) Ground Water Extraction	0	\$155,000	\$0
(c) Bio-Treatment/Venting	0	\$75,000	\$0	(c) Bio-Treatment/Venting	0	\$75,000	\$0	(c) Bio-Treatment/Venting	0	\$75,000	\$0	(c) Bio-Treatment/Venting	0	\$75,000	\$0
(d) In Situ Chemical Oxidation	0	\$70,000	\$0	(d) In Situ Chemical Oxidation	0	\$22,504	\$0	(d) In Situ Chemical Oxidation	0	\$70,000	\$0	(d) In Situ Chemical Oxidation	0	\$70,000	\$0
(d) Ozone Injection	0	\$60,000	\$0	(d) Ozone Injection	0	\$60,000	\$0	(d) Ozone Injection	0	\$60,000	\$0	(d) Ozone Injection	0	\$60,000	\$0
(e) Monitored Natural Attenuation	0	\$45,000	\$0	(e) Monitored Natural Attenuation	0	\$45,000	\$0	(e) Monitored Natural Attenuation	0	\$45,000	\$0	(e) Monitored Natural Attenuation	0	\$45,000	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
Depending upon the site activities and the requirements of the regulating agency, a Community Health and Safety Plan may be required. The majority of the formation in these plans does not change from site to site. A company will have standard methods to deal with certain concerns and hazards. These methods are available from previous health and safety plans. They need to be updated to include the correct contact persons, site addresses, dates, hospital locations, etc. An example of what the Fund would expect to see in a Community Health and Safety Plan can be found in the Fund's Cost Guidelines document.				Depending upon the site activities and the requirements of the regulating agency, a Community Health and Safety Plan may be required. The majority of the formation in these plans does not change from site to site. A company will have standard methods to deal with certain concerns and hazards. These methods are available from previous health and safety plans. They need to be updated to include the correct contact persons, site addresses, dates, hospital locations, etc. An example of what the Fund would expect to see in a Community Health and Safety Plan can be found in the Fund's Cost Guidelines document.				Depending upon the site activities and the requirements of the regulating agency, a Community Health and Safety Plan may be required. The majority of the formation in these plans does not change from site to site. A company will have standard methods to deal with certain concerns and hazards. These methods are available from previous health and safety plans. They need to be updated to include the correct contact persons, site addresses, dates, hospital locations, etc. An example of what the Fund would expect to see in a Community Health and Safety Plan can be found in the Fund's Cost Guidelines document.				Depending upon the site activities and the requirements of the regulating agency, a Community Health and Safety Plan may be required. The majority of the formation in these plans does not change from site to site. A company will have standard methods to deal with certain concerns and hazards. These methods are available from previous health and safety plans. They need to be updated to include the correct contact persons, site addresses, dates, hospital locations, etc. An example of what the Fund would expect to see in a Community Health and Safety Plan can be found in the Fund's Cost Guidelines document.			
4.3 Waste Disposal				4.3 Waste Disposal				4.3 Waste Disposal				4.3 Waste Disposal			
Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total
Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$402	\$0	Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$0	\$0
Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Total			\$0	Total			\$0	Total			\$0	Total			\$0
4.4 Reporting				4.4 Reporting				4.4 Reporting				4.4 Reporting			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Total			\$0	Total			\$0	Total			\$0	Total			\$0
4.5 Sampling (Air & Groundwater)				4.5 Sampling (Air & Groundwater)				4.5 Sampling (Air & Groundwater)				4.5 Sampling (Air & Groundwater)			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0

UST Cleanup Fund Programs Project Execution Plan

4.0 Interim Remedial Action Tasks

(Cost Estimating Worksheet)

Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0				
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0				
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0				
Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total				
Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0				
Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0				
Plastic sheeting (Visqueen*)		\$15	\$0	Plastic sheeting (Visqueen*)		\$15	\$0	Plastic sheeting (Visqueen*)		\$15	\$0	Plastic sheeting (Visqueen*)		\$15	\$0				
55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0				
Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0				
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0				
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0				
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0				
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0				
Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total				
Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0				
Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0				
Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0				
Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0				
PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0				
pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0				
Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0				
Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0				
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0				
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0				
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0				
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0				
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0				
4.6 Laboratory Analyses (Groundwater)	No of Samples	Unit Cost	Total	4.6 Laboratory Analyses (Groundwater)	No of Samples	Unit Cost	Total	4.6 Laboratory Analyses (Groundwater)	No of Samples	Unit Cost	Total	4.6 Laboratory Analyses (Groundwater)	No of Samples	Unit Cost	Total				
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0				
EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0				
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0				
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0				
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0				
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0				
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0				
5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0				
CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0				
Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0				
Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0				
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0				
Laboratory Analyses (Influent/Effluent)	Number of Samples	Unit Cost	Total	Laboratory Analyses (Influent/Effluent)	Number of Samples	Unit Cost	Total	Laboratory Analyses (Influent/Effluent)	Number of Samples	Unit Cost	Total	Laboratory Analyses (Influent/Effluent)	Number of Samples	Unit Cost	Total				
EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0				
EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0				
EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0				
EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0				
EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0				
Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0				
Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0				
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0				
Total			\$0	Total			\$0	Total			\$0	Total			\$0				
4.7 Utilities	Description	Units	Unit Cost	Total	4.7 Utilities	Description	Units	Unit Cost	Total	4.7 Utilities	Description	Units	Unit Cost	Total	4.7 Utilities	Description	Units	Unit Cost	Total
Utilities, per month		0	\$100	\$0	Utilities, per month		0	\$100	\$0	Utilities, per month		0	\$100	\$0	Utilities, per month		0	\$100	\$0
Other		0	\$0	\$0	Other		0	\$0	\$0	Other		0	\$0	\$0	Other		0	\$0	\$0
Total				\$0	Total				\$0	Total				\$0	Total				\$0
4.8 Other	Description	Unit	Unit Cost	Total	4.8 Other	Description	Unit	Unit Cost	Total	4.8 Other	Description	Unit	Unit Cost	Total	4.8 Other	Description	Unit	Unit Cost	Total
Other, per unit		0	\$0	\$0	Other, per unit		0	\$0	\$0	Other, per unit		0	\$0	\$0	Other, per unit		0	\$0	\$0
Other, per unit		0	\$0	\$0	Other, per unit		0	\$0	\$0	Other, per unit		0	\$0	\$0	Other, per unit		0	\$0	\$0
Other, per unit		0	\$0	\$0	Other, per unit		0	\$0	\$0	Other, per unit		0	\$0	\$0	Other, per unit		0	\$0	\$0
Total				\$0	Total				\$0	Total				\$0	Total				\$0

UST Cleanup Fund Programs Project Execution Plan

4.0 Interim Remedial Action Tasks

(Cost Estimating Worksheet)

<p>Regulating agencies may require interim remedial actions to abate or correct actual or potential effects of an unauthorized release prior to complete delineation. These are usually actions such as free product removal or excavation and removal of severely impacted soils or groundwater to remedy an emergency health and safety situation. Due to the immediacy of the need for interim remedial actions, a workplan may or may not be required by the regulatory agency. In either case, a copy of the regulatory agency directive and approval is part of the required supporting documentation. The interim remedial actions are not intended to replace corrective action or to eliminate the need for the Corrective Action Plan. Excessive soil excavation as part of interim remedial action can lead to unnecessary and unreasonable costs if it is used to bypass investigation and CAP implementation. For example, excessive interim remedial actions may occur immediately after the underground storage tank removal. Normal interim excavation involves the removal of obviously contaminated soil. However, the Fund has seen over excavation involve thousands of cubic yards of soil. Without proper sampling, characterization, regulatory directives, workplans, and consideration for cost effectiveness, this may result in unreasonable costs. A clear delineation needs to be made between interim remedial action and the full-scale remedial action. The Fund will only reimburse for the amount of the most cost-effective remedial action. No more than 500 cubic yards of contaminated soil should be removed during an interim remedial action without contacting and receiving approval from the Fund.</p>	<p>Regulating agencies may require interim remedial actions to abate or correct actual or potential effects of an unauthorized release prior to complete delineation. These are usually actions such as free product removal or excavation and removal of severely impacted soils or groundwater to remedy an emergency health and safety situation. Due to the immediacy of the need for interim remedial actions, a workplan may or may not be required by the regulatory agency. In either case, a copy of the regulatory agency directive and approval is part of the required supporting documentation. The interim remedial actions are not intended to replace corrective action or to eliminate the need for the Corrective Action Plan. Excessive soil excavation as part of interim remedial action can lead to unnecessary and unreasonable costs if it is used to bypass investigation and CAP implementation. For example, excessive interim remedial actions may occur immediately after the underground storage tank removal. Normal interim excavation involves the removal of obviously contaminated soil. However, the Fund has seen over excavation involve thousands of cubic yards of soil. Without proper sampling, characterization, regulatory directives, workplans, and consideration for cost effectiveness, this may result in unreasonable costs. A clear delineation needs to be made between interim remedial action and the full-scale remedial action. The Fund will only reimburse for the amount of the most cost-effective remedial action. No more than 500 cubic yards of contaminated soil should be removed during an interim remedial action without contacting and receiving approval from the Fund.</p>	<p>Regulating agencies may require interim remedial actions to abate or correct actual or potential effects of an unauthorized release prior to complete delineation. These are usually actions such as free product removal or excavation and removal of severely impacted soils or groundwater to remedy an emergency health and safety situation. Due to the immediacy of the need for interim remedial actions, a workplan may or may not be required by the regulatory agency. In either case, a copy of the regulatory agency directive and approval is part of the required supporting documentation. The interim remedial actions are not intended to replace corrective action or to eliminate the need for the Corrective Action Plan. Excessive soil excavation as part of interim remedial action can lead to unnecessary and unreasonable costs if it is used to bypass investigation and CAP implementation. For example, excessive interim remedial actions may occur immediately after the underground storage tank removal. Normal interim excavation involves the removal of obviously contaminated soil. However, the Fund has seen over excavation involve thousands of cubic yards of soil. Without proper sampling, characterization, regulatory directives, workplans, and consideration for cost effectiveness, this may result in unreasonable costs. A clear delineation needs to be made between interim remedial action and the full-scale remedial action. The Fund will only reimburse for the amount of the most cost-effective remedial action. No more than 500 cubic yards of contaminated soil should be removed during an interim remedial action without contacting and receiving approval from the Fund.</p>	<p>Regulating agencies may require interim remedial actions to abate or correct actual or potential effects of an unauthorized release prior to complete delineation. These are usually actions such as free product removal or excavation and removal of severely impacted soils or groundwater to remedy an emergency health and safety situation. Due to the immediacy of the need for interim remedial actions, a workplan may or may not be required by the regulatory agency. In either case, a copy of the regulatory agency directive and approval is part of the required supporting documentation. 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No more than 500 cubic yards of contaminated soil should be removed during an interim remedial action without contacting and receiving approval from the Fund.</p>
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UST Cleanup Fund Programs Project Execution Plan
4.0 Interim Remedial Action Tasks
 (Cost Estimating Worksheet)

Fiscal Year 2020/2021				Fiscal Year 2021/2022				Fiscal Year 2022/2023				Fiscal Year 2023/2024			
4.1 Work Plan Preparation & Approval				4.1 Work Plan Preparation & Approval				4.1 Work Plan Preparation & Approval				4.1 Work Plan Preparation & Approval			
Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		
Community Health & Safety Plan				Community Health & Safety Plan				Community Health & Safety Plan				Community Health & Safety Plan			
Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		
Total			\$0	Total			\$0	Total			\$0	Total			
4.2 Interim Remedial Technology Testing				4.2 Interim Remedial Technology Testing				4.2 Interim Remedial Technology Testing				4.2 Interim Remedial Technology Testing			
	Units	Unit Cost	Total		Units	Unit Cost	Total		Units	Unit Cost	Total		Units	Unit Cost	
(a) Soil Removal	0	\$25,000	\$0	(a) Soil Removal	0	\$25,000	\$0	(a) Soil Removal	0	\$25,000	\$0	(a) Soil Removal	0	\$25,000	
(b) Free Product Removal	0	\$105,000	\$0	(b) Free Product Removal	0	\$105,000	\$0	(b) Free Product Removal	0	\$105,000	\$0	(b) Free Product Removal	0	\$105,000	
(c) Air Sparging/Soil Vapor Extraction	0	\$105,000	\$0	(c) Air Sparging/Soil Vapor Extraction	0	\$105,000	\$0	(c) Air Sparging/Soil Vapor Extraction	0	\$105,000	\$0	(c) Air Sparging/Soil Vapor Extraction	0	\$105,000	
(c) Dual-Phase Extraction	0	\$90,000	\$0	(c) Dual-Phase Extraction	0	\$90,000	\$0	(c) Dual-Phase Extraction	0	\$90,000	\$0	(c) Dual-Phase Extraction	0	\$90,000	
(c) Ground Water Extraction	0	\$155,000	\$0	(c) Ground Water Extraction	0	\$155,000	\$0	(c) Ground Water Extraction	0	\$155,000	\$0	(c) Ground Water Extraction	0	\$155,000	
(c) Bio-Treatment/Venting	0	\$75,000	\$0	(c) Bio-Treatment/Venting	0	\$75,000	\$0	(c) Bio-Treatment/Venting	0	\$75,000	\$0	(c) Bio-Treatment/Venting	0	\$75,000	
(d) In Situ Chemical Oxidation	0	\$70,000	\$0	(d) In Situ Chemical Oxidation	0	\$70,000	\$0	(d) In Situ Chemical Oxidation	0	\$70,000	\$0	(d) In Situ Chemical Oxidation	0	\$70,000	
(d) Ozone Injection	0	\$60,000	\$0	(d) Ozone Injection	0	\$60,000	\$0	(d) Ozone Injection	0	\$60,000	\$0	(d) Ozone Injection	0	\$60,000	
(e) Monitored Natural Attenuation	0	\$45,000	\$0	(e) Monitored Natural Attenuation	0	\$45,000	\$0	(e) Monitored Natural Attenuation	0	\$45,000	\$0	(e) Monitored Natural Attenuation	0	\$45,000	
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		
Depending upon the site activities and the requirements of the regulating agency, a Community Health and Safety Plan may be required. The majority of the formation in these plans does not change from site to site. A company will have standard methods to deal with certain concerns and hazards. These methods are available from previous health and safety plans. They need to be updated to include the correct contact persons, site addresses, dates, hospital locations, etc. An example of what the Fund would expect to see in a Community Health and Safety Plan can be found in the Fund's Cost Guidelines document.				Depending upon the site activities and the requirements of the regulating agency, a Community Health and Safety Plan may be required. The majority of the formation in these plans does not change from site to site. A company will have standard methods to deal with certain concerns and hazards. These methods are available from previous health and safety plans. They need to be updated to include the correct contact persons, site addresses, dates, hospital locations, etc. An example of what the Fund would expect to see in a Community Health and Safety Plan can be found in the Fund's Cost Guidelines document.				Depending upon the site activities and the requirements of the regulating agency, a Community Health and Safety Plan may be required. The majority of the formation in these plans does not change from site to site. A company will have standard methods to deal with certain concerns and hazards. These methods are available from previous health and safety plans. They need to be updated to include the correct contact persons, site addresses, dates, hospital locations, etc. An example of what the Fund would expect to see in a Community Health and Safety Plan can be found in the Fund's Cost Guidelines document.				Depending upon the site activities and the requirements of the regulating agency, a Community Health and Safety Plan may be required. The majority of the formation in these plans does not change from site to site. A company will have standard methods to deal with certain concerns and hazards. These methods are available from previous health and safety plans. They need to be updated to include the correct contact persons, site addresses, dates, hospital locations, etc. An example of what the Fund would expect to see in a Community Health and Safety Plan can be found in the Fund's Cost Guidelines document.			
4.3 Waste Disposal				4.3 Waste Disposal				4.3 Waste Disposal				4.3 Waste Disposal			
Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	
Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$0	
Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$0	
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	
Total			\$0	Total			\$0	Total			\$0	Total			
4.4 Reporting				4.4 Reporting				4.4 Reporting				4.4 Reporting			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	
Total			\$0	Total			\$0	Total			\$0	Total			
4.5 Sampling (Air & Groundwater)				4.5 Sampling (Air & Groundwater)				4.5 Sampling (Air & Groundwater)				4.5 Sampling (Air & Groundwater)			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	

UST Cleanup Fund Programs Project Execution Plan

4.0 Interim Remedial Action Tasks

(Cost Estimating Worksheet)

Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0				
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0				
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0				
Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost					
Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0				
Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0				
Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0				
55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0				
Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0				
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0				
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0				
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0				
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0				
Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost					
Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0				
Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0				
Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0				
Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0				
PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0				
pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0				
Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0				
Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0				
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0				
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0				
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0				
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0				
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0				
4.6 Laboratory Analyses (Groundwater)	No of Samples	Unit Cost	Total	4.6 Laboratory Analyses (Groundwater)	No of Samples	Unit Cost	Total	4.6 Laboratory Analyses (Groundwater)	No of Samples	Unit Cost	Total	4.6 Laboratory Analyses (Groundwater)	No of Samples	Unit Cost					
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0				
EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0				
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0				
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0				
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0				
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0				
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0				
5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0				
CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0				
Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0				
Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0				
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0				
Laboratory Analyses (Influent/Effluent)	Number of Samples	Unit Cost	Total	Laboratory Analyses (Influent/Effluent)	Number of Samples	Unit Cost	Total	Laboratory Analyses (Influent/Effluent)	Number of Samples	Unit Cost	Total	Laboratory Analyses (Influent/Effluent)	Number of Samples	Unit Cost					
EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0				
EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0				
EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0				
EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0				
EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0				
Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0				
Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0				
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0				
Total			\$0	Total			\$0	Total			\$0	Total			\$0				
4.7 Utilities	Description	Units	Unit Cost	Total	4.7 Utilities	Description	Units	Unit Cost	Total	4.7 Utilities	Description	Units	Unit Cost	Total	4.7 Utilities	Description	Units	Unit Cost	Total
	Utilities, per month	0	\$100	\$0		Utilities, per month	0	\$100	\$0		Utilities, per month	0	\$100	\$0		Utilities, per month	0	\$100	\$0
	Other	0	\$0	\$0		Other	0	\$0	\$0		Other	0	\$0	\$0		Other	0	\$0	\$0
	Total			\$0		Total			\$0		Total			\$0		Total			\$0
4.8 Other	Description	Unit	Unit Cost	Total	4.8 Other	Description	Unit	Unit Cost	Total	4.8 Other	Description	Unit	Unit Cost	Total	4.8 Other	Description	Unit	Unit Cost	Total
	Other, per unit	0	\$0	\$0		Other, per unit	0	\$0	\$0		Other, per unit	0	\$0	\$0		Other, per unit	0	\$0	\$0
	Other, per unit	0	\$0	\$0		Other, per unit	0	\$0	\$0		Other, per unit	0	\$0	\$0		Other, per unit	0	\$0	\$0
	Other, per unit	0	\$0	\$0		Other, per unit	0	\$0	\$0		Other, per unit	0	\$0	\$0		Other, per unit	0	\$0	\$0
	Total			\$0		Total			\$0		Total			\$0		Total			\$0

UST Cleanup Fund Programs Project Execution Plan

4.0 Interim Remedial Action Tasks

(Cost Estimating Worksheet)

<p>Regulating agencies may require interim remedial actions to abate or correct actual or potential effects of an unauthorized release prior to complete delineation. These are usually actions such as free product removal or excavation and removal of severely impacted soils or groundwater to remedy an emergency health and safety situation. Due to the immediacy of the need for interim remedial actions, a workplan may or may not be required by the regulatory agency. In either case, a copy of the regulatory agency directive and approval is part of the required supporting documentation. The interim remedial actions are not intended to replace corrective action or to eliminate the need for the Corrective Action Plan. Excessive soil excavation as part of interim remedial action can lead to unnecessary and unreasonable costs if it is used to bypass investigation and CAP implementation. For example, excessive interim remedial actions may occur immediately after the underground storage tank removal. Normal interim excavation involves the removal of obviously contaminated soil. However, the Fund has seen over excavation involve thousands of cubic yards of soil. Without proper sampling, characterization, regulatory directives, workplans, and consideration for cost effectiveness, this may result in unreasonable costs. A clear delineation needs to be made between interim remedial action and the full-scale remedial action. The Fund will only reimburse for the amount of the most cost-effective remedial action. No more than 500 cubic yards of contaminated soil should be removed during an interim remedial action without contacting and receiving approval from the Fund.</p>	<p>Regulating agencies may require interim remedial actions to abate or correct actual or potential effects of an unauthorized release prior to complete delineation. These are usually actions such as free product removal or excavation and removal of severely impacted soils or groundwater to remedy an emergency health and safety situation. Due to the immediacy of the need for interim remedial actions, a workplan may or may not be required by the regulatory agency. In either case, a copy of the regulatory agency directive and approval is part of the required supporting documentation. The interim remedial actions are not intended to replace corrective action or to eliminate the need for the Corrective Action Plan. Excessive soil excavation as part of interim remedial action can lead to unnecessary and unreasonable costs if it is used to bypass investigation and CAP implementation. For example, excessive interim remedial actions may occur immediately after the underground storage tank removal. Normal interim excavation involves the removal of obviously contaminated soil. However, the Fund has seen over excavation involve thousands of cubic yards of soil. Without proper sampling, characterization, regulatory directives, workplans, and consideration for cost effectiveness, this may result in unreasonable costs. A clear delineation needs to be made between interim remedial action and the full-scale remedial action. The Fund will only reimburse for the amount of the most cost-effective remedial action. No more than 500 cubic yards of contaminated soil should be removed during an interim remedial action without contacting and receiving approval from the Fund.</p>	<p>Regulating agencies may require interim remedial actions to abate or correct actual or potential effects of an unauthorized release prior to complete delineation. These are usually actions such as free product removal or excavation and removal of severely impacted soils or groundwater to remedy an emergency health and safety situation. Due to the immediacy of the need for interim remedial actions, a workplan may or may not be required by the regulatory agency. In either case, a copy of the regulatory agency directive and approval is part of the required supporting documentation. The interim remedial actions are not intended to replace corrective action or to eliminate the need for the Corrective Action Plan. Excessive soil excavation as part of interim remedial action can lead to unnecessary and unreasonable costs if it is used to bypass investigation and CAP implementation. For example, excessive interim remedial actions may occur immediately after the underground storage tank removal. Normal interim excavation involves the removal of obviously contaminated soil. However, the Fund has seen over excavation involve thousands of cubic yards of soil. Without proper sampling, characterization, regulatory directives, workplans, and consideration for cost effectiveness, this may result in unreasonable costs. 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No more than 500 cubic yards of contaminated soil should be removed during an interim remedial action without contacting and receiving approval from the Fund.</p>
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UST Cleanup Fund Programs Project Execution Plan
4.0 Interim Remedial Action Tasks
(Cost Estimating Worksheet)

Fiscal Year 2024/2025					Fiscal Year 2025/2026				
4.1 Work Plan Preparation & Approval					4.1 Work Plan Preparation & Approval				
Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	
\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	
\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	
\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	
\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	
\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	
\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	
\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	
\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	
\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	
\$0	Subtotal	0		\$0	Subtotal	0		\$0	
Community Health & Safety Plan					Community Health & Safety Plan				
Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	Staff Title/Classification	Hours	Billable Rate (\$/hr)	Total	
\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	
\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	
\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	
\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	
\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	
\$0	Subtotal	0		\$0	Subtotal	0		\$0	
\$0	Total			\$0	Total			\$0	
4.2 Interim Remedial Technology Testing					4.2 Interim Remedial Technology Testing				
Total		Units	Unit Cost	Total		Units	Unit Cost	Total	
\$0	(a) Soil Removal	0	\$25,000	\$0	(a) Soil Removal	0	\$25,000	\$0	
\$0	(b) Free Product Removal	0	\$105,000	\$0	(b) Free Product Removal	0	\$105,000	\$0	
\$0	(c) Air Sparging/Soil Vapor Extraction	0	\$105,000	\$0	(c) Air Sparging/Soil Vapor Extraction	0	\$105,000	\$0	
\$0	(c) Dual-Phase Extraction	0	\$90,000	\$0	(c) Dual-Phase Extraction	0	\$90,000	\$0	
\$0	(c) Ground Water Extraction	0	\$155,000	\$0	(c) Ground Water Extraction	0	\$155,000	\$0	
\$0	(c) Bio-Treatment/Venting	0	\$75,000	\$0	(c) Bio-Treatment/Venting	0	\$75,000	\$0	
\$0	(d) In Situ Chemical Oxidation	0	\$70,000	\$0	(d) In Situ Chemical Oxidation	0	\$70,000	\$0	
\$0	(d) Ozone Injection	0	\$60,000	\$0	(d) Ozone Injection	0	\$60,000	\$0	
\$0	(e) Monitored Natural Attenuation	0	\$45,000	\$0	(e) Monitored Natural Attenuation	0	\$45,000	\$0	
\$0	Totals	0		\$0	Totals	0		\$0	
<p>Community Health and Safety Plan may be required. The majority of the formation in these plans does not change from site to site. A company will have standard methods to deal with certain concerns and hazards. These methods are available from previous health and safety plans. They need to be updated to include the correct contact persons, site addresses, dates, hospital locations, etc. An example of what the Fund would expect to see in a Community Health and Safety Plan can be found in the Fund's Cost Guidelines document.</p>					<p>Community Health and Safety Plan may be required. The majority of the formation in these plans does not change from site to site. A company will have standard methods to deal with certain concerns and hazards. These methods are available from previous health and safety plans. They need to be updated to include the correct contact persons, site addresses, dates, hospital locations, etc. An example of what the Fund would expect to see in a Community Health and Safety Plan can be found in the Fund's Cost Guidelines document.</p>				
4.3 Waste Disposal					4.3 Waste Disposal				
Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	
\$0	Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$0	\$0	
\$0	Disposal Cost, per unit	0	\$0	\$0	Disposal Cost, per unit	0	\$0	\$0	
\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	
\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	
\$0	Total			\$0	Total			\$0	
4.4 Reporting					4.4 Reporting				
Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	
\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	
\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	
\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	
\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	
\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	
\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	
\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	
\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	
\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	
\$0	Total			\$0	Total			\$0	
4.5 Sampling (Air & Groundwater)					4.5 Sampling (Air & Groundwater)				
Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	
\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	
\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	
\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	
\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	
\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	
\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	
\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	

UST Cleanup Fund Programs Project Execution Plan

4.0 Interim Remedial Action Tasks

(Cost Estimating Worksheet)

\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
\$0	Subtotal	0		\$0	Subtotal	0		\$0
Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total
\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0
\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0
\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0
\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0
\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0
\$0	Other		\$0	\$0	Other		\$0	\$0
\$0	Other		\$0	\$0	Other		\$0	\$0
\$0	Other		\$0	\$0	Other		\$0	\$0
\$0	Subtotal			\$0	Subtotal			\$0
Total	Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total
\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0
\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0
\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0
\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0
\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0
\$0	pH/EC/T meter		\$53	\$0	pH/EC/T meter		\$53	\$0
\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0
\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0
\$0	Other		\$0	\$0	Other		\$0	\$0
\$0	Other		\$0	\$0	Other		\$0	\$0
\$0	Other		\$0	\$0	Other		\$0	\$0
\$0	Subtotal			\$0	Subtotal			\$0
\$0	Totals	0		\$0	Totals	0		\$0
Total	4.6 Laboratory Analyses (Groundwater)	No of Samples	Unit Cost	Total	4.6 Laboratory Analyses (Groundwater)	No of Samples	Unit Cost	Total
\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0
\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0
\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0
\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0
\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0
\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0
\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0
\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0
\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0
\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0
\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0
\$0	Subtotal	0		\$0	Subtotal	0		\$0
Total	Laboratory Analyses (Influent/Effluent)	Number of Samples	Unit Cost	Total	Laboratory Analyses (Influent/Effluent)	Number of Samples	Unit Cost	Total
\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0
\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0
\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0
\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0
\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0
\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0
\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0
\$0	Subtotal			\$0	Subtotal			\$0
\$0	Total			\$0	Total			\$0
Total	4.7 Utilities				4.7 Utilities			
	Description	Units	Unit Cost	Total	Description	Units	Unit Cost	Total
\$0	Utilities, per month	0	\$100	\$0	Utilities, per month	0	\$100	\$0
\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
\$0	Total			\$0	Total			\$0
Total	4.8 Other				4.8 Other			
	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total
\$0	Other, per unit	0	\$0	\$0	Other, per unit	0	\$0	\$0
\$0	Other, per unit	0	\$0	\$0	Other, per unit	0	\$0	\$0
\$0	Other, per unit	0	\$0	\$0	Other, per unit	0	\$0	\$0
\$0	Total			\$0	Total			\$0

**UST Cleanup Fund Programs Project Execution Plan
4.0 Interim Remedial Action Tasks
(Cost Estimating Worksheet)**

al effects of an	Regulating agencies may require interim remedial actions to abate or correct actual or potential effects of an	Regulating agencies may require interim remedial actions to abate or correct actual or potential effects of an
duct removal	unauthorized release prior to complete delineation. These are usually actions such as free product removal	unauthorized release prior to complete delineation. These are usually actions such as free product removal
y health and	or excavation and removal of severely impacted soils or groundwater to remedy an emergency health and	or excavation and removal of severely impacted soils or groundwater to remedy an emergency health and
ay or may not	safety situation. Due to the immediacy of the need for interim remedial actions, a workplan may or may not	safety situation. Due to the immediacy of the need for interim remedial actions, a workplan may or may not
and approval	be required by the regulatory agency. In either case, a copy of the regulatory agency directive and approval	be required by the regulatory agency. In either case, a copy of the regulatory agency directive and approval
ed to replace	is part of the required supporting documentation. The interim remedial actions are not intended to replace	is part of the required supporting documentation. The interim remedial actions are not intended to replace
ion as part of	corrective action or to eliminate the need for the Corrective Action Plan. Excessive soil excavation as part of	corrective action or to eliminate the need for the Corrective Action Plan. Excessive soil excavation as part of
investigation	interim remedial action can lead to unnecessary and unreasonable costs if it is used to bypass investigation	interim remedial action can lead to unnecessary and unreasonable costs if it is used to bypass investigation
tely after the	and CAP implementation. For example, excessive interim remedial actions may occur immediately after the	and CAP implementation. For example, excessive interim remedial actions may occur immediately after the
sly	underground storage tank removal. Normal interim excavation involves the removal of obviously	underground storage tank removal. Normal interim excavation involves the removal of obviously
rds of soil.	contaminated soil. However, the Fund has seen over excavation involve thousands of cubic yards of soil.	contaminated soil. However, the Fund has seen over excavation involve thousands of cubic yards of soil.
n for cost	Without proper sampling, characterization, regulatory directives, workplans, and consideration for cost	Without proper sampling, characterization, regulatory directives, workplans, and consideration for cost
ween interim	effectiveness, this may result in unreasonable costs. A clear delineation needs to be made between interim	effectiveness, this may result in unreasonable costs. A clear delineation needs to be made between interim
t of the most	remedial action and the full-scale remedial action. The Fund will only reimburse for the amount of the most	remedial action and the full-scale remedial action. The Fund will only reimburse for the amount of the most
removed during	cost-effective remedial action. No more than 500 cubic yards of contaminated soil should be removed during	cost-effective remedial action. No more than 500 cubic yards of contaminated soil should be removed during
	an interim remedial action without contacting and receiving approval from the Fund.	an interim remedial action without contacting and receiving approval from the Fund.

UST Cleanup Fund Programs Project Execution Plan

5.0 Remedy Selection Tasks

(Cost Estimating Worksheet)

Fiscal Year 2016/2017				Fiscal Year 2017/2018				Fiscal Year 2018/2019				Fiscal Year 2019/2020			
5.1 Corrective Action Plan Preparation & Approval				5.1 Corrective Action Plan Preparation & Approval				5.1 Corrective Action Plan Preparation & Approval				5.1 Corrective Action Plan Preparation & Approval			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	6	\$190	\$1,140	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	12	\$150	\$1,800	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	32	\$115	\$3,680	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	12	\$80	\$960	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	12	\$75	\$900	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	74		\$8,480	Totals	0		\$0	Totals	0		\$0
5.2 Feasibility Study/Alternative Screening				5.2 Feasibility Study/Alternative Screening				5.2 Feasibility Study/Alternative Screening				5.2 Feasibility Study/Alternative Screening			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
5.3 Bench or Pilot Testing				5.3 Bench or Pilot Testing				5.3 Bench or Pilot Testing				5.3 Bench or Pilot Testing			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	2	\$190	\$380	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	4	\$150	\$600	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	16	\$115	\$1,840	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	4	\$75	\$300	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Subtotal	0		\$0	Subtotal	26		\$3,120	Subtotal	0		\$0	Subtotal	0		\$0
<i>Laboratory Analyses (Soil & Water)</i>	<i>No of Samples</i>	<i>Unit Cost</i>	<i>Total</i>	<i>Laboratory Analyses (Soil & Water)</i>	<i>No of Samples</i>	<i>Unit Cost</i>	<i>Total</i>	<i>Laboratory Analyses (Soil & Water)</i>	<i>No of Samples</i>	<i>Unit Cost</i>	<i>Total</i>	<i>Laboratory Analyses (Soil & Water)</i>	<i>No of Samples</i>	<i>Unit Cost</i>	<i>Total</i>
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0
EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0
5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0
CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0

UST Cleanup Fund Programs Project Execution Plan

5.0 Remedy Selection Tasks

(Cost Estimating Worksheet)

Total				Total				Total				Total			
								\$3,120							
												\$0			
5.4 Design/Specification Development/Collect Bids				5.4 Design/Specification Development/Collect Bids				5.4 Design/Specification Development/Collect Bids				5.4 Design/Specification Development/Collect Bids			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
5.5 Reporting				5.5 Reporting				5.5 Reporting				5.5 Reporting			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
5.6 Other				5.6 Other				5.6 Other				5.6 Other			
Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate	Total
Other		\$0	\$0	Travel (transportation and per diem)	1	\$200	\$200	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Soil Boring Permit	1	\$605	\$605	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Utility Clearance Subcontractor	1	\$920	\$920	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Field Equipment	1	\$432	\$432	Other		\$0	\$0	Other		\$0	\$0
				Bench Scale Test Subcontractor	1	\$10,925	\$10,925								
				Drilling Subcontractor	1	\$3,680	\$3,680								
				Land Surveyor	1	\$1,265	\$1,265								
				Waste Subcontractor	1	\$1,208	\$1,208								
Other		\$0	\$0	Miscellaneous Supplies	1	\$150	\$150	Other		\$0	\$0	Other		\$0	\$0
Totals	0		\$0	Totals	9		\$19,385	Totals	0		\$0	Totals	0		\$0

UST Cleanup Fund Programs Project Execution Plan

5.0 Remedy Selection Tasks

(Cost Estimating Worksheet)

Fiscal Year 2020/2021				Fiscal Year 2021/2022				Fiscal Year 2023/2024				Fiscal Year 2024/2025			
5.1 Corrective Action Plan Preparation & Approval				5.1 Corrective Action Plan Preparation & Approval				5.1 Corrective Action Plan Preparation & Approval				5.1 Corrective Action Plan Preparation & Approval			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
5.2 Feasibility Study/Alternative Screening				5.2 Feasibility Study/Alternative Screening				5.2 Feasibility Study/Alternative Screening				5.2 Feasibility Study/Alternative Screening			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
5.3 Bench or Pilot Testing				5.3 Bench or Pilot Testing				5.3 Bench or Pilot Testing				5.3 Bench or Pilot Testing			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0
<i>Laboratory Analyses (Soil & Water)</i>	<i>No of Samples</i>	<i>Unit Cost</i>	<i>Total</i>	<i>Laboratory Analyses (Soil & Water)</i>	<i>No of Samples</i>	<i>Unit Cost</i>	<i>Total</i>	<i>Laboratory Analyses (Soil & Water)</i>	<i>No of Samples</i>	<i>Unit Cost</i>	<i>Total</i>	<i>Laboratory Analyses (Soil & Water)</i>	<i>No of Samples</i>	<i>Unit Cost</i>	<i>Total</i>
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0
EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0
5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0
CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0

UST Cleanup Fund Programs Project Execution Plan

5.0 Remedy Selection Tasks

(Cost Estimating Worksheet)

Total				Total				Total				Total			
\$0				\$0				\$0				\$0			
5.4 Design/Specification Development/Collect Bids				5.4 Design/Specification Development/Collect Bids				5.4 Design/Specification Development/Collect Bids				5.4 Design/Specification Development/Collect Bids			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
5.5 Reporting				5.5 Reporting				5.5 Reporting				5.5 Reporting			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
5.6 Other				5.6 Other				5.6 Other				5.6 Other			
Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate	Total	Description	Units	Rate	Total
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0

UST Cleanup Fund Programs Project Execution Plan
5.0 Remedy Selection Tasks
(Cost Estimating Worksheet)

Fiscal Year 2025/2026			
5.1 Corrective Action Plan Preparation & Approval			
Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0
Totals	0		\$0
5.2 Feasibility Study/Alternative Screening			
Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0
Totals	0		\$0
5.3 Bench or Pilot Testing			
Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0
Subtotal	0		\$0
Laboratory Analyses (Soil & Water)	No of Samples	Unit Cost	Total
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0
EPA Method 8020 BTEX/MTBE	0	\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0
5 LUFT Metals ³	0	\$106	\$0
CAM 17 Metals ³	0	\$231	\$0
Other	0	\$0	\$0
Other	0	\$0	\$0
Subtotal			\$0

UST Cleanup Fund Programs Project Execution Plan

5.0 Remedy Selection Tasks

(Cost Estimating Worksheet)

Total			\$0
5.4 Design/Specification Development/Collect Bids			
Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0
Totals	0		\$0
5.5 Reporting			
Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0
Totals	0		\$0
5.6 Other			
Description	Units	Rate	Total
Other		\$0	\$0
Other		\$0	\$0
Other		\$0	\$0
Other		\$0	\$0
Other		\$0	\$0
Totals	0		\$0

UST Cleanup Fund Programs Project Execution Plan
6.0 Remedial Implementation Tasks
 (Cost Estimating Worksheet)

Fiscal Year 2016/2017				Fiscal Year 2017/2018				Fiscal Year 2018/2019				Fiscal Year 2019/2020			
6.1 Work Plan Preparation & Approval				6.1 Work Plan Preparation & Approval				6.1 Work Plan Preparation & Approval				6.1 Work Plan Preparation & Approval			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
6.2 Design/Specification Development/Collect Bids				6.2 Design/Specification Development/Collect Bids				6.2 Design/Specification Development/Collect Bids				6.2 Design/Specification Development/Collect Bids			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	40	\$190	\$7,600	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	60	\$150	\$9,000	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	15	\$80	\$1,200	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	15	\$75	\$1,125	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	130		\$18,925	Totals	0		\$0	Totals	0		\$0
6.3 Permitting				6.3 Permitting				6.3 Permitting				6.3 Permitting			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	110	\$115	\$12,650	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	15	\$80	\$1,200	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	15	\$75	\$1,125	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	140		\$14,975	Totals	0		\$0	Totals	0		\$0
6.4 Well Installation/Construction				6.4 Excavation/Injections				6.4 Well Installation/Construction				6.4 Well Installation/Construction			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	20	\$150	\$3,000	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	240	\$115	\$27,600	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Totals	0		\$0	Totals	260		\$30,600	Totals	0		\$0	Totals	0		\$0
6.5 Drilling Subcontractor				6.5 Drilling Subcontractor				6.5 Drilling Subcontractor				6.5 Drilling Subcontractor			
Units	Cost/Unit	Total		Units	Cost/Unit	Total		Units	Cost/Unit	Total		Units	Cost/Unit	Total	
Well Drilling Permits	\$500	\$0		Drilling Permits	\$305	\$9,150		Well Drilling Permits	\$500	\$0		Well Drilling Permits	\$500	\$0	
Mobilization & Demobilization	\$1,000	\$0		Injection Drilling Subcontractor (Assumes 30 injection points, 17 On-Site, 13 Off-Site)	\$48,875	\$48,875		Mobilization & Demobilization	\$1,000	\$0		Mobilization & Demobilization	\$1,000	\$0	

UST Cleanup Fund Programs Project Execution Plan

6.0 Remedial Implementation Tasks

(Cost Estimating Worksheet)

Drilling Cost/Foot	0	\$15	\$0	Drilling Cost/Foot	0	\$15	\$0	Drilling Cost/Foot	0	\$15	\$0	Drilling Cost/Foot	0	\$15	\$0
Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0
Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0
Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0
Surface Completion		\$99	\$0	Surface Concrete Completion	1	\$46,000	\$46,000	Surface Completion		\$99	\$0	Surface Completion		\$99	\$0
Well Development		\$145	\$0	Well Development		\$145	\$0	Well Development		\$145	\$0	Well Development		\$145	\$0
Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0
Other		\$0	\$0	City of Oakland Permits (Excavation, Encroachment, Shoring)	1	\$36,800	\$36,800	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Totals			\$0	Totals		\$140,825		Totals		\$0		Totals		\$0	
6.6 Remedial System Installation				6.6 Excavation/Injections				6.6 Remedial System Installation				6.6 Remedial System Installation			
Subcontractors	Units	Rate	Total	Subcontractors	Units	Rate	Total	Subcontractors	Units	Rate	Total	Subcontractors	Units	Rate	Total
Subcontractor No. 1	0	\$12,500	\$0	Utility Locator	1	\$2,530	\$2,530	Subcontractor No. 1	0	\$12,500	\$0	Subcontractor No. 1	0	\$12,500	\$0
Subcontractor No. 2	0	\$12,500	\$0	Excavation Subcontractor	1	\$28,750	\$28,750	Subcontractor No. 2	0	\$12,500	\$0	Subcontractor No. 2	0	\$12,500	\$0
Subcontractor No. 3	0	\$12,500	\$0	Land Surveyor	1	\$2,530	\$2,530	Subcontractor No. 3	0	\$12,500	\$0	Subcontractor No. 3	0	\$12,500	\$0
Subcontractor No. 4	0	\$12,500	\$0	Laboratory Subcontractor (Soil)	50	\$110	\$5,500	Subcontractor No. 4	0	\$12,500	\$0	Subcontractor No. 4	0	\$12,500	\$0
Subcontractor No. 5	0	\$12,500	\$0	Clean Import Fill - 3" Structural Fill (ton)	750	\$58	\$43,500	Subcontractor No. 5	0	\$12,500	\$0	Subcontractor No. 5	0	\$12,500	\$0
Subcontractor No. 6	0	\$12,500	\$0	Calcium Polysulfide Substrate (Assumes 50,000 gallons)	1	\$146,050	\$146,050	Subcontractor No. 6	0	\$12,500	\$0	Subcontractor No. 6	0	\$12,500	\$0
Subcontractor No. 7	0	\$12,500	\$0	Excavation Shoring	1	\$57,500	\$57,500	Subcontractor No. 7	0	\$12,500	\$0	Subcontractor No. 7	0	\$12,500	\$0
Subcontractor No. 8	0	\$12,500	\$0	Subcontractor No. 8	0	\$12,500	\$0	Subcontractor No. 8	0	\$12,500	\$0	Subcontractor No. 8	0	\$12,500	\$0
Subcontractor No. 9	0	\$12,500	\$0	Subcontractor No. 9	0	\$12,500	\$0	Subcontractor No. 9	0	\$12,500	\$0	Subcontractor No. 9	0	\$12,500	\$0
Totals	0		\$0	Totals	805		\$286,360	Totals	0		\$0	Totals	0		\$0
6.7 Waste Disposal				6.7 Waste Disposal				6.7 Waste Disposal				6.7 Waste Disposal			
Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total
Disposal Cost, per unit	0	\$1,200	\$0	Assumes Disposal Cost of RCRA Hazardous Listed Waste, per ton	750	\$286	\$214,125	Disposal Cost, per unit	0	\$1,200	\$0	Disposal Cost, per unit	0	\$1,200	\$0
Other	0	\$1,200	\$0	Disposal Cost, per drum	5	\$403	\$2,015	Other	0	\$1,200	\$0	Other	0	\$1,200	\$0
Other	0	\$1,200	\$0	Other	0	\$1,200	\$0	Other	0	\$1,200	\$0	Other	0	\$1,200	\$0
Total			\$0	Total			\$216,140	Total			\$0	Total			\$0
6.8 System Performance Sampling (Air & Groundwater)				6.8 System Performance Sampling (Air & Groundwater)				6.8 System Performance Sampling (Air & Groundwater)				6.8 System Performance Sampling (Air & Groundwater)			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0
Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)			
	Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total
Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0
Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0
Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0
55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0
Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0

UST Cleanup Fund Programs Project Execution Plan

6.0 Remedial Implementation Tasks

(Cost Estimating Worksheet)

Equipment Rental/Supplies	Each	Unit Cost	Total		Equipment Rental/Supplies	Each	Unit Cost	Total		Equipment Rental/Supplies	Each	Unit Cost	Total		Equipment Rental/Supplies	Each	Unit Cost	Total
Reusable Bailer		\$26	\$0		Reusable Bailer		\$26	\$0		Reusable Bailer		\$26	\$0		Reusable Bailer		\$26	\$0
Pump (\$/day)		\$59	\$0		Pump (\$/day)		\$59	\$0		Pump (\$/day)		\$59	\$0		Pump (\$/day)		\$59	\$0
Work Truck		\$60	\$0		Work Truck		\$60	\$0		Work Truck		\$60	\$0		Work Truck		\$60	\$0
Storage Tank		\$15	\$0		Storage Tank		\$15	\$0		Storage Tank		\$15	\$0		Storage Tank		\$15	\$0
PID/FID		\$135	\$0		PID/FID		\$135	\$0		PID/FID		\$135	\$0		PID/FID		\$135	\$0
pH/Ec/T meter		\$53	\$0		pH/Ec/T meter		\$53	\$0		pH/Ec/T meter		\$53	\$0		pH/Ec/T meter		\$53	\$0
Water Level Indicator/Interface Probe		\$35	\$0		Water Level Indicator/Interface Probe		\$35	\$0		Water Level Indicator/Interface Probe		\$35	\$0		Water Level Indicator/Interface Probe		\$35	\$0
Miscellaneous Items		\$25	\$0		Miscellaneous Items		\$25	\$0		Miscellaneous Items		\$25	\$0		Miscellaneous Items		\$25	\$0
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0
Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0
Subtotal			\$0		Subtotal			\$0		Subtotal			\$0		Subtotal			\$0
Totals	0		\$0		Totals	0		\$0		Totals	0		\$0		Totals	0		\$0
6.9 Laboratory Analyses (Groundwater)					6.9 Laboratory Analyses (Groundwater)					6.9 Laboratory Analyses (Groundwater)					6.9 Laboratory Analyses (Groundwater)			
	<u>No. of Samples</u>	<u>Unit Cost</u>	<u>Total</u>			<u>No. of Samples</u>	<u>Unit Cost</u>	<u>Total</u>			<u>No. of Samples</u>	<u>Unit Cost</u>	<u>Total</u>			<u>No. of Samples</u>	<u>Unit Cost</u>	<u>Total</u>
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0		EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0		EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0		EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0
EPA Method 8020 BTEX/MTBE	0	\$73	\$0		EPA Method 8020 BTEX/MTBE	0	\$73	\$0		EPA Method 8020 BTEX/MTBE	0	\$73	\$0		EPA Method 8020 BTEX/MTBE	0	\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0		EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0		EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0		EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0		EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0		EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0		EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0		EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0		EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0		EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0		EPA Method 6010/7421 Total Lead ²	0	\$53	\$0		EPA Method 6010/7421 Total Lead ²	0	\$53	\$0		EPA Method 6010/7421 Total Lead ²	0	\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0		Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0		Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0		Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0
5 LUFT Metals ³	0	\$106	\$0		5 LUFT Metals ³	0	\$106	\$0		5 LUFT Metals ³	0	\$106	\$0		5 LUFT Metals ³	0	\$106	\$0
CAM 17 Metals ³	0	\$231	\$0		CAM 17 Metals ³	0	\$231	\$0		CAM 17 Metals ³	0	\$231	\$0		CAM 17 Metals ³	0	\$231	\$0
Other 1	0	\$0	\$0		Other 1	0	\$0	\$0		Other 1	0	\$0	\$0		Other 1	0	\$0	\$0
Other 2	0	\$0	\$0		Other 2	0	\$0	\$0		Other 2	0	\$0	\$0		Other 2	0	\$0	\$0
Subtotal	0		\$0		Subtotal	0		\$0		Subtotal	0		\$0		Subtotal	0		\$0
Laboratory Analyses (Influent/Effluent)					Laboratory Analyses (Influent/Effluent)					Laboratory Analyses (Influent/Effluent)					Laboratory Analyses (Influent/Effluent)			
	<u>No. of Samples</u>	<u>Unit Cost</u>	<u>Total</u>			<u>No. of Samples</u>	<u>Unit Cost</u>	<u>Total</u>			<u>No. of Samples</u>	<u>Unit Cost</u>	<u>Total</u>			<u>No. of Samples</u>	<u>Unit Cost</u>	<u>Total</u>
EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0		EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0		EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0		EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0
EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0		EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0		EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0		EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0
EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0		EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0		EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0		EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0
EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0		EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0		EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0		EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0
EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0		EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0		EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0		EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0
Other 1	0	\$0	\$0		Other 1	0	\$0	\$0		Other 1	0	\$0	\$0		Other 1	0	\$0	\$0
Other 2	0	\$0	\$0		Other 2	0	\$0	\$0		Other 2	0	\$0	\$0		Other 2	0	\$0	\$0
Subtotal			\$0		Subtotal			\$0		Subtotal			\$0		Subtotal			\$0
Total			\$0		Total			\$0		Total			\$0		Total			\$0
6.10 System Performance Reporting					6.10 Remedial Implementation Report					6.10 System Performance Reporting					6.10 System Performance Reporting			
<u>Staff Title/Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>		<u>Staff Title/Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>		<u>Staff Title/Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>		<u>Staff Title/Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer/Geologist	0	\$190	\$0		Principal Engineer/Geologist	12	\$190	\$2,280		Principal Engineer/Geologist	0	\$190	\$0		Principal Engineer/Geologist	0	\$190	\$0
Project Manager	0	\$170	\$0		Project Manager	0	\$170	\$0		Project Manager	0	\$170	\$0		Project Manager	0	\$170	\$0
Senior Engineer/Geologist	0	\$170	\$0		Senior Engineer/Geologist	0	\$170	\$0		Senior Engineer/Geologist	0	\$170	\$0		Senior Engineer/Geologist	0	\$170	\$0
Project/Assoc Engineer/Geologist	0	\$150	\$0		Project/Assoc Engineer/Geologist	24	\$150	\$3,600		Project/Assoc Engineer/Geologist	0	\$150	\$0		Project/Assoc Engineer/Geologist	0	\$150	\$0
Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	48	\$115	\$5,520		Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115	\$0
Senior Technician	0	\$100	\$0		Senior Technician	0	\$100	\$0		Senior Technician	0	\$100	\$0		Senior Technician	0	\$100	\$0
Technician	0	\$90	\$0		Technician	0	\$90	\$0		Technician	0	\$90	\$0		Technician	0	\$90	\$0
Drafts Person	0	\$80	\$0		Drafts Person	24	\$80	\$1,920		Drafts Person	0	\$80	\$0		Drafts Person	0	\$80	\$0

UST Cleanup Fund Programs Project Execution Plan

6.0 Remedial Implementation Tasks

(Cost Estimating Worksheet)

Clerical	0	\$75	\$0		Clerical	24	\$75	\$1,800		Clerical	0	\$75	\$0		Clerical	0	\$75	\$0
Totals	0		\$0		Totals	132		\$15,120		Totals	0		\$0		Totals	0		\$0
6.11 Other					6.11 Other					6.11 Other					6.11 Other			
Description	Hours	Rate	Total		Description	Units	Rate	Total		Description	Hours	Rate	Total		Description	Hours	Rate	Total
Other		\$92	\$0		Travel - Transportation and per diem	20	\$200	\$4,000		Other		\$92	\$0		Other		\$92	\$0
Other		\$92	\$0		Miscellaneous Supplies	20	\$150	\$3,000		Other		\$92	\$0		Other		\$92	\$0
Other		\$92	\$0				\$0	\$0		Other		\$92	\$0		Other		\$92	\$0
Other		\$92	\$0				\$0	\$0		Other		\$92	\$0		Other		\$92	\$0
Other		\$92	\$0				\$0	\$0		Other		\$92	\$0		Other		\$92	\$0
Totals	0		\$0		Totals	220		\$7,000		Totals	0		\$0		Totals	0		\$0

UST Cleanup Fund Programs Project Execution Plan

6.0 Remedial Implementation Tasks

(Cost Estimating Worksheet)

Drilling Cost/Foot	0	\$15	\$0	Drilling Cost/Foot		\$15	\$0	Drilling Cost/Foot	0	\$15	\$0	Drilling Cost/Foot	0	\$15	
Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	
Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	
Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	
Surface Completion		\$99	\$0	Surface Completion		\$99	\$0	Surface Completion		\$99	\$0	Surface Completion		\$99	
Well Development		\$145	\$0	Well Development		\$145	\$0	Well Development		\$145	\$0	Well Development		\$145	
Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	
Totals			\$0	Totals			\$0	Totals			\$0	Totals			
6.6 Remedial System Installation				6.6 Remedial System Installation				6.6 Remedial System Installation				6.6 Remedial System Installation			
Subcontractors	Units	Rate	Total	Subcontractors	Units	Rate	Total	Subcontractors	Units	Rate	Total	Subcontractors	Units	Rate	
Subcontractor No. 1	0	\$12,500	\$0	Subcontractor No. 1	0	\$12,500	\$0	Subcontractor No. 1	0	\$12,500	\$0	Subcontractor No. 1	0	\$12,500	
Subcontractor No. 2	0	\$12,500	\$0	Subcontractor No. 2	0	\$12,500	\$0	Subcontractor No. 2	0	\$12,500	\$0	Subcontractor No. 2	0	\$12,500	
Subcontractor No. 3	0	\$12,500	\$0	Subcontractor No. 3	0	\$12,500	\$0	Subcontractor No. 3	0	\$12,500	\$0	Subcontractor No. 3	0	\$12,500	
Subcontractor No. 4	0	\$12,500	\$0	Subcontractor No. 4	0	\$12,500	\$0	Subcontractor No. 4	0	\$12,500	\$0	Subcontractor No. 4	0	\$12,500	
Subcontractor No. 5	0	\$12,500	\$0	Subcontractor No. 5	0	\$12,500	\$0	Subcontractor No. 5	0	\$12,500	\$0	Subcontractor No. 5	0	\$12,500	
Subcontractor No. 6	0	\$12,500	\$0	Subcontractor No. 6	0	\$12,500	\$0	Subcontractor No. 6	0	\$12,500	\$0	Subcontractor No. 6	0	\$12,500	
Subcontractor No. 7	0	\$12,500	\$0	Subcontractor No. 7	0	\$12,500	\$0	Subcontractor No. 7	0	\$12,500	\$0	Subcontractor No. 7	0	\$12,500	
Subcontractor No. 8	0	\$12,500	\$0	Subcontractor No. 8	0	\$12,500	\$0	Subcontractor No. 8	0	\$12,500	\$0	Subcontractor No. 8	0	\$12,500	
Subcontractor No. 9	0	\$12,500	\$0	Subcontractor No. 9	0	\$12,500	\$0	Subcontractor No. 9	0	\$12,500	\$0	Subcontractor No. 9	0	\$12,500	
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		
6.7 Waste Disposal				6.7 Waste Disposal				6.7 Waste Disposal				6.7 Waste Disposal			
Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	
Disposal Cost, per unit	0	\$1,200	\$0	Disposal Cost, per unit	0	\$1,200	\$0	Disposal Cost, per unit	0	\$1,200	\$0	Disposal Cost, per unit	0	\$1,200	
Other	0	\$1,200	\$0	Other	0	\$1,200	\$0	Other	0	\$1,200	\$0	Other	0	\$1,200	
Other	0	\$1,200	\$0	Other	0	\$1,200	\$0	Other	0	\$1,200	\$0	Other	0	\$1,200	
Total			\$0	Total			\$0	Total			\$0	Total			
6.8 System Performance Sampling (Air & Groundwater)				6.8 System Performance Sampling (Air & Groundwater)				6.8 System Performance Sampling (Air & Groundwater)				6.8 System Performance Sampling (Air & Groundwater)			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	
Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	
Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	
Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	
Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	
Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	
Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	
Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	Technician	0	\$90	
Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	
Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		
Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)			
	Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	
Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	
Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	
Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	
55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	
Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			

UST Cleanup Fund Programs Project Execution Plan

6.0 Remedial Implementation Tasks

(Cost Estimating Worksheet)

	Equipment Rental/Supplies	Each	Unit Cost	Total		Equipment Rental/Supplies	Each	Unit Cost	Total		Equipment Rental/Supplies	Each	Unit Cost	Total		Equipment Rental/Supplies	Each	Unit Cost
	Reusable Bailer		\$26	\$0		Reusable Bailer		\$26	\$0		Reusable Bailer		\$26	\$0		Reusable Bailer		\$26
	Pump (\$/day)		\$59	\$0		Pump (\$/day)		\$59	\$0		Pump (\$/day)		\$59	\$0		Pump (\$/day)		\$59
	Work Truck		\$60	\$0		Work Truck		\$60	\$0		Work Truck		\$60	\$0		Work Truck		\$60
	Storage Tank		\$15	\$0		Storage Tank		\$15	\$0		Storage Tank		\$15	\$0		Storage Tank		\$15
	PID/FID		\$135	\$0		PID/FID		\$135	\$0		PID/FID		\$135	\$0		PID/FID		\$135
	pH/Ec/T meter		\$53	\$0		pH/Ec/T meter		\$53	\$0		pH/Ec/T meter		\$53	\$0		pH/Ec/T meter		\$53
	Water Level Indicator/Interface Probe		\$35	\$0		Water Level Indicator/Interface Probe		\$35	\$0		Water Level Indicator/Interface Probe		\$35	\$0		Water Level Indicator/Interface Probe		\$35
	Miscellaneous Items		\$25	\$0		Miscellaneous Items		\$25	\$0		Miscellaneous Items		\$25	\$0		Miscellaneous Items		\$25
	Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0		Other		\$0
	Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0		Other		\$0
	Other		\$0	\$0		Other		\$0	\$0		Other		\$0	\$0		Other		\$0
	Subtotal			\$0		Subtotal			\$0		Subtotal			\$0		Subtotal		
	Totals	0		\$0		Totals	0		\$0		Totals	0		\$0		Totals	0	
	6.9 Laboratory Analyses (Groundwater)	No. of Samples	Unit Cost	Total		6.9 Laboratory Analyses (Groundwater)	No. of Samples	Unit Cost	Total		6.9 Laboratory Analyses (Groundwater)	No. of Samples	Unit Cost	Total		6.9 Laboratory Analyses (Groundwater)	No. of Samples	Unit Cost
	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0		EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0		EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0		EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73
	EPA Method 8020 BTEX/MTBE	0	\$73	\$0		EPA Method 8020 BTEX/MTBE	0	\$73	\$0		EPA Method 8020 BTEX/MTBE	0	\$73	\$0		EPA Method 8020 BTEX/MTBE	0	\$73
	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0		EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0		EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0		EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86
	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0		EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0		EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0		EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198
	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0		EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0		EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0		EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363
	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0		EPA Method 6010/7421 Total Lead ²	0	\$53	\$0		EPA Method 6010/7421 Total Lead ²	0	\$53	\$0		EPA Method 6010/7421 Total Lead ²	0	\$53
	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0		Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0		Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0		Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238
	5 LUFT Metals ³	0	\$106	\$0		5 LUFT Metals ³	0	\$106	\$0		5 LUFT Metals ³	0	\$106	\$0		5 LUFT Metals ³	0	\$106
	CAM 17 Metals ³	0	\$231	\$0		CAM 17 Metals ³	0	\$231	\$0		CAM 17 Metals ³	0	\$231	\$0		CAM 17 Metals ³	0	\$231
	Other 1	0	\$0	\$0		Other 1	0	\$0	\$0		Other 1	0	\$0	\$0		Other 1	0	\$0
	Other 2	0	\$0	\$0		Other 2	0	\$0	\$0		Other 2	0	\$0	\$0		Other 2	0	\$0
	Subtotal	0		\$0		Subtotal	0		\$0		Subtotal	0		\$0		Subtotal	0	
	Laboratory Analyses (Influent/Effluent)	No. of Samples	Unit Cost	Total		Laboratory Analyses (Influent/Effluent)	No. of Samples	Unit Cost	Total		Laboratory Analyses (Influent/Effluent)	No. of Samples	Unit Cost	Total		Laboratory Analyses (Influent/Effluent)	No. of Samples	Unit Cost
	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0		EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0		EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0		EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152
	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0		EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0		EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0		EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152
	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0		EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0		EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0		EPA Method TO-15 (VOCs by GC/MS)	0	\$152
	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0		EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0		EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0		EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152
	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0		EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0		EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0		EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264
	Other 1	0	\$0	\$0		Other 1	0	\$0	\$0		Other 1	0	\$0	\$0		Other 1	0	\$0
	Other 2	0	\$0	\$0		Other 2	0	\$0	\$0		Other 2	0	\$0	\$0		Other 2	0	\$0
	Subtotal			\$0		Subtotal			\$0		Subtotal			\$0		Subtotal		
	Total			\$0		Total			\$0		Total			\$0		Total		
	6.10 System Performance Reporting					6.10 System Performance Reporting					6.10 System Performance Reporting					6.10 System Performance Reporting		
	Staff Title/Classification	Hours	Rate	Total		Staff Title/Classification	Hours	Rate	Total		Staff Title/Classification	Hours	Rate	Total		Staff Title/Classification	Hours	Rate
	Principal Engineer/Geologist	0	\$190	\$0		Principal Engineer/Geologist	0	\$190	\$0		Principal Engineer/Geologist	0	\$190	\$0		Principal Engineer/Geologist	0	\$190
	Project Manager	0	\$170	\$0		Project Manager	0	\$170	\$0		Project Manager	0	\$170	\$0		Project Manager	0	\$170
	Senior Engineer/Geologist	0	\$170	\$0		Senior Engineer/Geologist	0	\$170	\$0		Senior Engineer/Geologist	0	\$170	\$0		Senior Engineer/Geologist	0	\$170
	Project/Assoc Engineer/Geologist	0	\$150	\$0		Project/Assoc Engineer/Geologist	0	\$150	\$0		Project/Assoc Engineer/Geologist	0	\$150	\$0		Project/Assoc Engineer/Geologist	0	\$150
	Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115
	Senior Technician	0	\$100	\$0		Senior Technician	0	\$100	\$0		Senior Technician	0	\$100	\$0		Senior Technician	0	\$100
	Technician	0	\$90	\$0		Technician	0	\$90	\$0		Technician	0	\$90	\$0		Technician	0	\$90
	Drafts Person	0	\$80	\$0		Drafts Person	0	\$80	\$0		Drafts Person	0	\$80	\$0		Drafts Person	0	\$80

UST Cleanup Fund Programs Project Execution Plan

6.0 Remedial Implementation Tasks

(Cost Estimating Worksheet)

Clerical	0	\$75	\$0		Clerical	0	\$75	\$0		Clerical	0	\$75	\$0		Clerical	0	\$75	\$0	
Totals	0		\$0		Totals	0		\$0		Totals	0		\$0		Totals	0		\$0	
6.11 Other					6.11 Other					6.11 Other					6.11 Other				
Description	Hours	Rate	Total		Description	Hours	Rate	Total		Description	Hours	Rate	Total		Description	Hours	Rate	Total	
Other		\$92	\$0		Other		\$92	\$0		Other		\$92	\$0		Other		\$92	\$0	
Other		\$92	\$0		Other		\$92	\$0		Other		\$92	\$0		Other		\$92	\$0	
Other		\$92	\$0		Other		\$92	\$0		Other		\$92	\$0		Other		\$92	\$0	
Other		\$92	\$0		Other		\$92	\$0		Other		\$92	\$0		Other		\$92	\$0	
Other		\$92	\$0		Other		\$92	\$0		Other		\$92	\$0		Other		\$92	\$0	
Totals	0		\$0		Totals	0		\$0		Totals	0		\$0		Totals	0		\$0	

UST Cleanup Fund Programs Project Execution Plan

6.0 Remedial Implementation Tasks

(Cost Estimating Worksheet)

Fiscal Year 2024/2025					Fiscal Year 2025/2026				
6.1 Work Plan Preparation & Approval					6.1 Work Plan Preparation & Approval				
Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	
\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	
\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	
\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	
\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	
\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	
\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	
\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	
\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	
\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	
\$0	Totals	0		\$0	Totals	0		\$0	
6.2 Design/Specification Development/Collect Bids					6.2 Design/Specification Development/Collect Bids				
Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	
\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	
\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	
\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	
\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	
\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	
\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	
\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	
\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	
\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	
\$0	Totals	0		\$0	Totals	0		\$0	
6.3 Permitting					6.3 Permitting				
Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	
\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	
\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	
\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	
\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	
\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	
\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	
\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	
\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	
\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	
\$0	Totals	0		\$0	Totals	0		\$0	
6.4 Well Installation/Construction					6.4 Well Installation/Construction				
Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	
\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	
\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	
\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	
\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	
\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	
\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	
\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	
\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	
\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	
\$0	Totals	0		\$0	Totals	0		\$0	
6.5 Drilling Subcontractor					6.5 Drilling Subcontractor				
Total	Staff Title/Classification	Units	Cost/Unit	Total	Staff Title/Classification	Units	Cost/Unit	Total	
\$0	Well Drilling Permits		\$500	\$0	Well Drilling Permits		\$500	\$0	
\$0	Mobilization & Demobilization		\$1,000	\$0	Mobilization & Demobilization		\$1,000	\$0	

UST Cleanup Fund Programs Project Execution Plan

6.0 Remedial Implementation Tasks

(Cost Estimating Worksheet)

\$0	Drilling Cost/Foot	0	\$15	\$0	Drilling Cost/Foot	0	\$15	\$0	
\$0	Well Casing Cost/Foot		\$8	\$0	Well Casing Cost/Foot		\$8	\$0	
\$0	Well Screen Cost per Foot		\$12	\$0	Well Screen Cost per Foot		\$12	\$0	
\$0	Filter Pack & Bentonite		\$12	\$0	Filter Pack & Bentonite		\$12	\$0	
\$0	Surface Completion		\$99	\$0	Surface Completion		\$99	\$0	
\$0	Well Development		\$145	\$0	Well Development		\$145	\$0	
\$0	Soil Sample Liners		\$10	\$0	Soil Sample Liners		\$10	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Totals			\$0	Totals			\$0	
6.6 Remedial System Installation					6.6 Remedial System Installation				
Total	Subcontractors	Units	Rate	Total	Subcontractors	Units	Rate	Total	
\$0	Subcontractor No. 1	0	\$12,500	\$0	Subcontractor No. 1	0	\$12,500	\$0	
\$0	Subcontractor No. 2	0	\$12,500	\$0	Subcontractor No. 2	0	\$12,500	\$0	
\$0	Subcontractor No. 3	0	\$12,500	\$0	Subcontractor No. 3	0	\$12,500	\$0	
\$0	Subcontractor No. 4	0	\$12,500	\$0	Subcontractor No. 4	0	\$12,500	\$0	
\$0	Subcontractor No. 5	0	\$12,500	\$0	Subcontractor No. 5	0	\$12,500	\$0	
\$0	Subcontractor No. 6	0	\$12,500	\$0	Subcontractor No. 6	0	\$12,500	\$0	
\$0	Subcontractor No. 7	0	\$12,500	\$0	Subcontractor No. 7	0	\$12,500	\$0	
\$0	Subcontractor No. 8	0	\$12,500	\$0	Subcontractor No. 8	0	\$12,500	\$0	
\$0	Subcontractor No. 9	0	\$12,500	\$0	Subcontractor No. 9	0	\$12,500	\$0	
\$0	Totals	0		\$0	Totals	0		\$0	
6.7 Waste Disposal					6.7 Waste Disposal				
Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	
\$0	Disposal Cost, per unit	0	\$1,200	\$0	Disposal Cost, per unit	0	\$1,200	\$0	
\$0	Other	0	\$1,200	\$0	Other	0	\$1,200	\$0	
\$0	Other	0	\$1,200	\$0	Other	0	\$1,200	\$0	
\$0	Total			\$0	Total			\$0	
6.8 System Performance Sampling (Air & Groundwater)					6.8 System Performance Sampling (Air & Groundwater)				
Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	
\$0	Principal Engineer/Geologist	0	\$190	\$0	Principal Engineer/Geologist	0	\$190	\$0	
\$0	Project Manager	0	\$170	\$0	Project Manager	0	\$170	\$0	
\$0	Senior Engineer/Geologist	0	\$170	\$0	Senior Engineer/Geologist	0	\$170	\$0	
\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0	
\$0	Staff Engineer/Geologist	0	\$115	\$0	Staff Engineer/Geologist	0	\$115	\$0	
\$0	Senior Technician	0	\$100	\$0	Senior Technician	0	\$100	\$0	
\$0	Technician	0	\$90	\$0	Technician	0	\$90	\$0	
\$0	Drafts Person	0	\$80	\$0	Drafts Person	0	\$80	\$0	
\$0	Clerical	0	\$75	\$0	Clerical	0	\$75	\$0	
\$0	Subtotal	0		\$0	Subtotal	0		\$0	
Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	
\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	
\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	
\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	
\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	
\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Other		\$0	\$0	Other		\$0	\$0	
\$0	Subtotal			\$0	Subtotal			\$0	

UST Cleanup Fund Programs Project Execution Plan

6.0 Remedial Implementation Tasks

(Cost Estimating Worksheet)

Total	Equipment Rental/Supplies	Each	Unit Cost	Total		Equipment Rental/Supplies	Each	Unit Cost	Total
\$0	Reusable Bailer		\$26	\$0		Reusable Bailer		\$26	\$0
\$0	Pump (\$/day)		\$59	\$0		Pump (\$/day)		\$59	\$0
\$0	Work Truck		\$60	\$0		Work Truck		\$60	\$0
\$0	Storage Tank		\$15	\$0		Storage Tank		\$15	\$0
\$0	PID/FID		\$135	\$0		PID/FID		\$135	\$0
\$0	pH/Ec/T meter		\$53	\$0		pH/Ec/T meter		\$53	\$0
\$0	Water Level Indicator/Interface Probe		\$35	\$0		Water Level Indicator/Interface Probe		\$35	\$0
\$0	Miscellaneous Items		\$25	\$0		Miscellaneous Items		\$25	\$0
\$0	Other		\$0	\$0		Other		\$0	\$0
\$0	Other		\$0	\$0		Other		\$0	\$0
\$0	Other		\$0	\$0		Other		\$0	\$0
\$0	Subtotal			\$0		Subtotal			\$0
\$0	Totals	0		\$0		Totals	0		\$0

Total	6.9 Laboratory Analyses (Groundwater)	No. of Samples	Unit Cost	Total		6.9 Laboratory Analyses (Groundwater)	No. of Samples	Unit Cost	Total
\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0		EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0
\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0		EPA Method 8020 BTEX/MTBE	0	\$73	\$0
\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0		EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0
\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0		EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0
\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0		EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0
\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0		EPA Method 6010/7421 Total Lead ²	0	\$53	\$0
\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0		Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0
\$0	5 LUFT Metals ³	0	\$106	\$0		5 LUFT Metals ³	0	\$106	\$0
\$0	CAM 17 Metals ³	0	\$231	\$0		CAM 17 Metals ³	0	\$231	\$0
\$0	Other 1	0	\$0	\$0		Other 1	0	\$0	\$0
\$0	Other 2	0	\$0	\$0		Other 2	0	\$0	\$0
\$0	Subtotal	0		\$0		Subtotal	0		\$0

Total	Laboratory Analyses (Influent/Effluent)	No. of Samples	Unit Cost	Total		Laboratory Analyses (Influent/Effluent)	No. of Samples	Unit Cost	Total
\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0		EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0
\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0		EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0
\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0		EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0
\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0		EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0
\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0		EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0
\$0	Other 1	0	\$0	\$0		Other 1	0	\$0	\$0
\$0	Other 2	0	\$0	\$0		Other 2	0	\$0	\$0
\$0	Subtotal			\$0		Subtotal			\$0
\$0	Total			\$0		Total			\$0

Total	6.10 System Performance Reporting	Hours	Rate	Total		6.10 System Performance Reporting	Hours	Rate	Total
\$0	Staff Title/Classification					Staff Title/Classification			
\$0	Principal Engineer/Geologist	0	\$190	\$0		Principal Engineer/Geologist	0	\$190	\$0
\$0	Project Manager	0	\$170	\$0		Project Manager	0	\$170	\$0
\$0	Senior Engineer/Geologist	0	\$170	\$0		Senior Engineer/Geologist	0	\$170	\$0
\$0	Project/Assoc Engineer/Geologist	0	\$150	\$0		Project/Assoc Engineer/Geologist	0	\$150	\$0
\$0	Staff Engineer/Geologist	0	\$115	\$0		Staff Engineer/Geologist	0	\$115	\$0
\$0	Senior Technician	0	\$100	\$0		Senior Technician	0	\$100	\$0
\$0	Technician	0	\$90	\$0		Technician	0	\$90	\$0
\$0	Drafts Person	0	\$80	\$0		Drafts Person	0	\$80	\$0

UST Cleanup Fund Programs Project Execution Plan

6.0 Remedial Implementation Tasks

(Cost Estimating Worksheet)

\$0	Clerical	0	\$75	\$0		Clerical	0	\$75	\$0
\$0	Totals	0		\$0		Totals	0		\$0
	6.11 Other					6.11 Other			
<u>Total</u>	<u>Description</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>		<u>Description</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
\$0	Other		\$92	\$0		Other		\$92	\$0
\$0	Other		\$92	\$0		Other		\$92	\$0
\$0	Other		\$92	\$0		Other		\$92	\$0
\$0	Other		\$92	\$0		Other		\$92	\$0
\$0	Other		\$92	\$0		Other		\$92	\$0
\$0	Totals	0		\$0		Totals	0		\$0

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

Fiscal Year 2016/2017				Fiscal Year 2017/2018				Fiscal Year 2018/2019				Fiscal Year 2019/2020			
7.1 System Performance Monitoring				7.1 System Performance Monitoring				7.1 System Performance Monitoring				7.1 System Performance Monitoring			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0
Totals			\$0	Totals			\$0	Totals			\$0	Totals			\$0
7.2 Repairs				7.2 Repairs				7.2 Repairs				7.2 Repairs			
Description	Months	Unit Cost	Total	Description	Months	Unit Cost	Total	Description	Months	Unit Cost	Total	Description	Months	Unit Cost	Total
Estimated repairs, per month	0	\$1,200	\$0	Estimated repairs, per month	0	\$1,200	\$0	Estimated repairs, per month	0	\$1,200	\$0	Estimated repairs, per month	0	\$1,200	\$0
Total			\$0	Total			\$0	Total			\$0	Total			\$0
7.3 Waste Disposal				7.3 Waste Disposal				7.3 Waste Disposal				7.3 Waste Disposal			
Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total
Disposal Cost, per unit	0	\$100	\$0	Disposal Cost, per unit	0	\$100	\$0	Disposal Cost, per unit	0	\$100	\$0	Disposal Cost, per unit	0	\$100	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Total			\$0	Total			\$0	Total			\$0	Total			\$0
7.4 Utilities				7.4 Utilities				7.4 Utilities				7.4 Utilities			
Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total
Utilities, per month	0	\$100	\$0	Utilities, per month	0	\$100	\$0	Utilities, per month	0	\$100	\$0	Utilities, per month	0	\$100	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Total			\$0	Total			\$0	Total			\$0	Total			\$0
7.5 Groundwater Sampling				7.5 Groundwater Sampling				7.5 Groundwater Sampling				7.5 Groundwater Sampling			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0
7.6 Influent/Effluent Sampling				7.6 Influent/Effluent Sampling				7.6 Influent/Effluent Sampling				7.6 Influent/Effluent Sampling			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0

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

Totals				0	\$0	Totals				0	\$0	Totals				0	\$0	Totals				0	\$0				
7.7 Laboratory Analyses (Groundwater)				<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>	7.7 Laboratory Analyses (Groundwater)				<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>	7.7 Laboratory Analyses (Groundwater)				<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>	7.7 Laboratory Analyses (Groundwater)				<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0				
EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0				
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0				
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0				
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0				
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0				
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0				
5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0				
CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0				
Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0				
Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0				
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0				
Laboratory Analyses (Influent/Effluent)				<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>	Laboratory Analyses (Influent/Effluent)				<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>	Laboratory Analyses (Influent/Effluent)				<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>	Laboratory Analyses (Influent/Effluent)				<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>
EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0				
EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0				
EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0				
EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0				
EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0				
Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0				
Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0				
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0				
Total			\$0	Total			\$0	Total			\$0	Total			\$0	Total			\$0	Total			\$0				
7.8 System Performance Reporting				<u>Hours</u>	<u>Rate</u>	<u>Total</u>	7.8 System Performance Reporting				<u>Hours</u>	<u>Rate</u>	<u>Total</u>	7.8 System Performance Reporting				<u>Hours</u>	<u>Rate</u>	<u>Total</u>	7.8 System Performance Reporting				<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$106	\$0	Principal Engineer/Geologist	0	\$106	\$0	Principal Engineer/Geologist	0	\$106	\$0	Principal Engineer/Geologist	0	\$106	\$0	Principal Engineer/Geologist	0	\$106	\$0				
Project Manager	0	\$139	\$0	Project Manager	0	\$92	\$0	Project Manager	0	\$92	\$0	Project Manager	0	\$92	\$0	Project Manager	0	\$92	\$0	Project Manager	0	\$92	\$0				
Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$101	\$0	Senior Engineer/Geologist	0	\$101	\$0	Senior Engineer/Geologist	0	\$101	\$0	Senior Engineer/Geologist	0	\$101	\$0	Senior Engineer/Geologist	0	\$101	\$0				
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$77	\$0	Project/Assoc Engineer/Geologist	0	\$77	\$0	Project/Assoc Engineer/Geologist	0	\$77	\$0	Project/Assoc Engineer/Geologist	0	\$77	\$0	Project/Assoc Engineer/Geologist	0	\$77	\$0				
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$67	\$0	Staff Engineer/Geologist	0	\$67	\$0	Staff Engineer/Geologist	0	\$67	\$0	Staff Engineer/Geologist	0	\$67	\$0	Staff Engineer/Geologist	0	\$67	\$0				
Senior Technician	0	\$92	\$0	Senior Technician	0	\$59	\$0	Senior Technician	0	\$59	\$0	Senior Technician	0	\$59	\$0	Senior Technician	0	\$59	\$0	Senior Technician	0	\$59	\$0				
Technician	0	\$79	\$0	Technician	0	\$57	\$0	Technician	0	\$57	\$0	Technician	0	\$57	\$0	Technician	0	\$57	\$0	Technician	0	\$57	\$0				
Drafts Person	0	\$73	\$0	Drafts Person	0	\$62	\$0	Drafts Person	0	\$62	\$0	Drafts Person	0	\$62	\$0	Drafts Person	0	\$62	\$0	Drafts Person	0	\$62	\$0				
Clerical	0	\$59	\$0	Clerical	0	\$40	\$0	Clerical	0	\$40	\$0	Clerical	0	\$40	\$0	Clerical	0	\$40	\$0	Clerical	0	\$40	\$0				
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0				
7.9 Other-System Demolition				<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>	7.9 Other-System Demolition				<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>	7.9 Other-System Demolition				<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>	7.9 Other-System Demolition				<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>
Demolition Costs, per unit	0	\$3,600	\$0	Demolition Costs, per unit	0	\$3,600	\$0	Demolition Costs, per unit	0	\$3,600	\$0	Demolition Costs, per unit	0	\$3,600	\$0	Demolition Costs, per unit	0	\$3,600	\$0	Demolition Costs, per unit	0	\$3,600	\$0				
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0				
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0				
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0				
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0				
Total			\$0	Total			\$0	Total			\$0	Total			\$0	Total			\$0	Total			\$0				

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

Fiscal Year 2020/2021				Fiscal Year 2021/2022				Fiscal Year 2022/2023				Fiscal Year 2023/2024			
7.1 System Performance Monitoring				7.1 System Performance Monitoring				7.1 System Performance Monitoring				7.1 System Performance Monitoring			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0
Totals			\$0	Totals			\$0	Totals			\$0	Totals			\$0
7.2 Repairs				7.2 Repairs				7.2 Repairs				7.2 Repairs			
Description	Months	Unit Cost	Total	Description	Months	Unit Cost	Total	Description	Months	Unit Cost	Total	Description	Months	Unit Cost	Total
Estimated repairs, per month	0	\$1,200	\$0	Estimated repairs, per month	0	\$1,200	\$0	Estimated repairs, per month	0	\$1,200	\$0	Estimated repairs, per month	0	\$1,200	\$0
Total			\$0	Total			\$0	Total			\$0	Total			\$0
7.3 Waste Disposal				7.3 Waste Disposal				7.3 Waste Disposal				7.3 Waste Disposal			
Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total
Disposal Cost, per unit	0	\$100	\$0	Disposal Cost, per unit	0	\$100	\$0	Disposal Cost, per unit	0	\$100	\$0	Disposal Cost, per unit	0	\$100	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Total			\$0	Total			\$0	Total			\$0	Total			\$0
7.4 Utilities				7.4 Utilities				7.4 Utilities				7.4 Utilities			
Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total
Utilities, per month	0	\$100	\$0	Utilities, per month	0	\$100	\$0	Utilities, per month	0	\$100	\$0	Utilities, per month	0	\$100	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Total			\$0	Total			\$0	Total			\$0	Total			\$0
7.5 Groundwater Sampling				7.5 Groundwater Sampling				7.5 Groundwater Sampling				7.5 Groundwater Sampling			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0
7.6 Influent/Effluent Sampling				7.6 Influent/Effluent Sampling				7.6 Influent/Effluent Sampling				7.6 Influent/Effluent Sampling			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0

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

Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
7.7 Laboratory Analyses (Groundwater)				7.7 Laboratory Analyses (Groundwater)				7.7 Laboratory Analyses (Groundwater)				7.7 Laboratory Analyses (Groundwater)			
	<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>		<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>		<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>		<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0
EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0
5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0
CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0
Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0
Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0
Laboratory Analyses (Influent/Effluent)				Laboratory Analyses (Influent/Effluent)				Laboratory Analyses (Influent/Effluent)				Laboratory Analyses (Influent/Effluent)			
	<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>		<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>		<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>		<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>
EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0	EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0
EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0	EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0
EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0	EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0
EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0	EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0
EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0	EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0
Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0
Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Total			\$0	Total			\$0	Total			\$0	Total			\$0
7.8 System Performance Reporting				7.8 System Performance Reporting				7.8 System Performance Reporting				7.8 System Performance Reporting			
<u>Staff Title/Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>	<u>Staff Title/Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>	<u>Staff Title/Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>	<u>Staff Title/Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer/Geologist	0	\$106	\$0	Principal Engineer/Geologist	0	\$106	\$0	Principal Engineer/Geologist	0	\$106	\$0	Principal Engineer/Geologist	0	\$106	\$0
Project Manager	0	\$92	\$0	Project Manager	0	\$92	\$0	Project Manager	0	\$92	\$0	Project Manager	0	\$92	\$0
Senior Engineer/Geologist	0	\$101	\$0	Senior Engineer/Geologist	0	\$101	\$0	Senior Engineer/Geologist	0	\$101	\$0	Senior Engineer/Geologist	0	\$101	\$0
Project/Assoc Engineer/Geologist	0	\$77	\$0	Project/Assoc Engineer/Geologist	0	\$77	\$0	Project/Assoc Engineer/Geologist	0	\$77	\$0	Project/Assoc Engineer/Geologist	0	\$77	\$0
Staff Engineer/Geologist	0	\$67	\$0	Staff Engineer/Geologist	0	\$67	\$0	Staff Engineer/Geologist	0	\$67	\$0	Staff Engineer/Geologist	0	\$67	\$0
Senior Technician	0	\$59	\$0	Senior Technician	0	\$59	\$0	Senior Technician	0	\$59	\$0	Senior Technician	0	\$59	\$0
Technician	0	\$57	\$0	Technician	0	\$57	\$0	Technician	0	\$57	\$0	Technician	0	\$57	\$0
Drafts Person	0	\$62	\$0	Drafts Person	0	\$62	\$0	Drafts Person	0	\$62	\$0	Drafts Person	0	\$62	\$0
Clerical	0	\$40	\$0	Clerical	0	\$40	\$0	Clerical	0	\$40	\$0	Clerical	0	\$40	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
7.9 Other-System Demolition				7.9 Other-System Demolition				7.9 Other-System Demolition				7.9 Other-System Demolition			
<u>Description</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>	<u>Description</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>	<u>Description</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>	<u>Description</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>
Demolition Costs, per unit	0	\$3,600	\$0	Demolition Costs, per unit	0	\$3,600	\$0	Demolition Costs, per unit	0	\$3,600	\$0	Demolition Costs, per unit	0	\$3,600	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Total			\$0	Total			\$0	Total			\$0	Total			\$0

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

Fiscal Year 2024/2025				Fiscal Year 2025/2026			
7.1 System Performance Monitoring				7.1 System Performance Monitoring			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0	Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0	Clerical	0	\$59	\$0
Totals			\$0	Totals			\$0
7.2 Repairs				7.2 Repairs			
Description	Months	Unit Cost	Total	Description	Months	Unit Cost	Total
Estimated repairs, per month	0	\$1,200	\$0	Estimated repairs, per month	0	\$1,200	\$0
Total			\$0	Total			\$0
7.3 Waste Disposal				7.3 Waste Disposal			
Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total
Disposal Cost, per unit	0	\$100	\$0	Disposal Cost, per unit	0	\$100	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0
Total			\$0	Total			\$0
7.4 Utilities				7.4 Utilities			
Description	Unit	Unit Cost	Total	Description	Unit	Unit Cost	Total
Utilities, per month	0	\$100	\$0	Utilities, per month	0	\$100	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0
Total			\$0	Total			\$0
7.5 Groundwater Sampling				7.5 Groundwater Sampling			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0	Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0	Clerical	0	\$59	\$0
Subtotal	0		\$0	Subtotal	0		\$0
7.6 Influent/Effluent Sampling				7.6 Influent/Effluent Sampling			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0	Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0	Clerical	0	\$59	\$0

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

Totals	0		\$0		Totals	0		\$0
7.7 Laboratory Analyses (Groundwater)					7.7 Laboratory Analyses (Groundwater)			
	<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>			<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0		EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0
EPA Method 8020 BTEX/MTBE	0	\$73	\$0		EPA Method 8020 BTEX/MTBE	0	\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0		EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0		EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0		EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0		EPA Method 6010/7421 Total Lead ²	0	\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0		Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0
5 LUFT Metals ³	0	\$106	\$0		5 LUFT Metals ³	0	\$106	\$0
CAM 17 Metals ³	0	\$231	\$0		CAM 17 Metals ³	0	\$231	\$0
Other 1	0	\$0	\$0		Other 1	0	\$0	\$0
Other 2	0	\$0	\$0		Other 2	0	\$0	\$0
Subtotal	0		\$0		Subtotal	0		\$0
Laboratory Analyses (Influent/Effluent)					Laboratory Analyses (Influent/Effluent)			
	<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>			<u>Number of Samples</u>	<u>Unit Cost</u>	<u>Total</u>
EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0		EPA Method ¹ TO-3 (TPH, BTEX, MTBE)	0	\$152	\$0
EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0		EPA Method ¹ TO-14A (non-polar VOCs)	0	\$152	\$0
EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0		EPA Method TO-15 (VOCs by GC/MS)	0	\$152	\$0
EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0		EPA Method 8021 (VOCs and oxygenates by GC/PID)	0	\$152	\$0
EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0		EPA Method 8260B (VOCs and oxygenates by GC/MS)	0	\$264	\$0
Other 1	0	\$0	\$0		Other 1	0	\$0	\$0
Other 2	0	\$0	\$0		Other 2	0	\$0	\$0
Subtotal			\$0		Subtotal			\$0
Total			\$0		Total			\$0
7.8 System Performance Reporting					7.8 System Performance Reporting			
<u>Staff Title/Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>		<u>Staff Title/Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer/Geologist	0	\$106	\$0		Principal Engineer/Geologist	0	\$106	\$0
Project Manager	0	\$92	\$0		Project Manager	0	\$92	\$0
Senior Engineer/Geologist	0	\$101	\$0		Senior Engineer/Geologist	0	\$101	\$0
Project/Assoc Engineer/Geologist	0	\$77	\$0		Project/Assoc Engineer/Geologist	0	\$77	\$0
Staff Engineer/Geologist	0	\$67	\$0		Staff Engineer/Geologist	0	\$67	\$0
Senior Technician	0	\$59	\$0		Senior Technician	0	\$59	\$0
Technician	0	\$57	\$0		Technician	0	\$57	\$0
Drafts Person	0	\$62	\$0		Drafts Person	0	\$62	\$0
Clerical	0	\$40	\$0		Clerical	0	\$40	\$0
Totals	0		\$0		Totals	0		\$0
7.9 Other-System Demolition					7.9 Other-System Demolition			
<u>Description</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>		<u>Description</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>
Demolition Costs, per unit	0	\$3,600	\$0		Demolition Costs, per unit	0	\$3,600	\$0
Other	0	\$0	\$0		Other	0	\$0	\$0
Other	0	\$0	\$0		Other	0	\$0	\$0
Other	0	\$0	\$0		Other	0	\$0	\$0
Other	0	\$0	\$0		Other	0	\$0	\$0
Total			\$0		Total			\$0

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

Fiscal Year 2016/2017				Fiscal Year 2017/2018				Fiscal Year 2018/2019				Fiscal Year 2019/2020				Fiscal Year 2020/2021			
8.1 Post-Remediation Verification Sampling				8.1 Post-Remediation Verification Sampling				8.1 Post-Remediation Verification Sampling				8.1 Post-Remediation Verification Sampling				8.1 Post-Remediation Verification Sampling			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0
Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)				Other Direct Costs (ODCs)			
Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total	
Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0
Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0
Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0
55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0
Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Equipment Rental/Supplies				Equipment Rental/Supplies				Equipment Rental/Supplies				Equipment Rental/Supplies				Equipment Rental/Supplies			
Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total		Each	Unit Cost	Total	
Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0
Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0
Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0
Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0
PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0
pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0
Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0
Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0
Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0
Total			\$0	Total			\$0	Total			\$0	Total			\$0	Total			\$0
8.2 Laboratory Analyses (Soil & Water)				8.2 Laboratory Analyses (Soil & Water)				8.2 Laboratory Analyses (Soil & Water)				8.2 Laboratory Analyses (Soil & Water)				8.2 Laboratory Analyses (Soil & Water)			
	No. of Samples	Unit Cost	Total		No. of Samples	Unit Cost	Total		No. of Samples	Unit Cost	Total		No. of Samples	Unit Cost	Total		No. of Samples	Unit Cost	Total
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0
EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0
5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0
CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0
Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0
Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
8.3 Data Evaluation/Risk Assessment				8.3 Data Evaluation/Risk Assessment				8.3 Data Evaluation/Risk Assessment				8.3 Data Evaluation/Risk Assessment				8.3 Data Evaluation/Risk Assessment			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0

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

8.4 Vapor Intrusion Study				8.4 Vapor Intrusion Study				8.4 Vapor Intrusion Study				8.4 Vapor Intrusion Study				8.4 Vapor Intrusion Study			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0
8.5 Well Abandonment & Site Restoration				8.5 Well Abandonment & Site Restoration				8.5 Well Abandonment & Site Restoration				8.5 Well Abandonment & Site Restoration				8.5 Well Abandonment & Site Restoration			
Staff Title/Classification	Units	Cost/Unit	Total	Staff Title/Classification	Units	Cost/Unit	Total	Staff Title/Classification	Units	Cost/Unit	Total	Staff Title/Classification	Units	Cost/Unit	Total	Staff Title/Classification	Units	Cost/Unit	Total
Well Drilling Permits	0	\$2,500	\$0	Well Drilling Permits	0	\$2,500	\$0	Well Drilling Permits	0	\$2,500	\$0	Well Drilling Permits	0	\$2,500	\$0	Well Drilling Permits	0	\$2,500	\$0
Mobilization & Demobilization	0	\$2,500	\$0	Mobilization & Demobilization	0	\$2,500	\$0	Mobilization & Demobilization	0	\$2,500	\$0	Mobilization & Demobilization	0	\$2,500	\$0	Mobilization & Demobilization	0	\$2,500	\$0
Drilling Cost/Foot	0	\$50	\$0	Drilling Cost/Foot	0	\$50	\$0	Drilling Cost/Foot	0	\$50	\$0	Drilling Cost/Foot	0	\$50	\$0	Drilling Cost/Foot	0	\$50	\$0
Bentonite	0	\$9	\$0	Bentonite	0	\$9	\$0	Bentonite	0	\$9	\$0	Bentonite	0	\$9	\$0	Bentonite	0	\$9	\$0
Cement	0	\$11	\$0	Cement	0	\$11	\$0	Cement	0	\$11	\$0	Cement	0	\$11	\$0	Cement	0	\$11	\$0
Sidewalks and hot patch	0	\$20,000	\$0	Sidewalks and hot patch	0	\$20,000	\$0	Sidewalks and hot patch	0	\$20,000	\$0	Sidewalks and hot patch	0	\$20,000	\$0	Sidewalks and hot patch	0	\$20,000	\$0
Site Cleanup & Waste Disposal	0	\$2,500	\$0	Site Cleanup & Waste Disposal	0	\$2,500	\$0	Site Cleanup & Waste Disposal	0	\$2,500	\$0	Site Cleanup & Waste Disposal	0	\$2,500	\$0	Site Cleanup & Waste Disposal	0	\$2,500	\$0
Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0
Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0
Totals			\$0	Totals			\$0	Totals			\$0	Totals			\$0	Totals			\$0
8.6 Post Remediation/Closure Reporting				8.6 Post Remediation/Closure Reporting				8.6 Post Remediation/Closure Reporting				8.6 Post Remediation/Closure Reporting				8.6 Post Remediation/Closure Reporting			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0
Totals			\$0	Totals			\$0	Totals			\$0	Totals			\$0	Totals			\$0
8.7 Other				8.7 Other				8.7 Other				8.7 Other				8.7 Other			
Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$20	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0
Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0

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

Fiscal Year 2021/2022						Fiscal Year 2022/2023						Fiscal Year 2023/2024						Fiscal Year 2024/2025					
8.1 Post-Remediation Verification Sampling						8.1 Post-Remediation Verification Sampling						8.1 Post-Remediation Verification Sampling						8.1 Post-Remediation Verification Sampling					
Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total	Staff Title/Classification	Hours	Rate	Total					
	\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0	Project Manager		\$139	\$0					
0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0					
0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0					
0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0	Other	0	\$0	\$0					
0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0	Subtotal	0		\$0					
Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total	Other Direct Costs (ODCs)	Each	Unit Cost	Total					
	\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0	Padlocks		\$10	\$0					
	\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0	Disposable Bailer		\$25	\$0					
	\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0	Plastic sheeting (Visqueen®)		\$15	\$0					
	\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0	55-gallon drum		\$40	\$0					
	\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0	Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0					
	\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0					
	\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0					
	\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0					
0		\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0					
Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total	Equipment Rental/Supplies	Each	Unit Cost	Total					
	\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0	Reusable Bailer		\$26	\$0					
	\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0	Pump (\$/day)		\$59	\$0					
	\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0	Work Truck		\$60	\$0					
	\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0	Storage Tank		\$15	\$0					
	\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0	PID/FID		\$135	\$0					
	\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0	pH/Ec/T meter		\$53	\$0					
	\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0	Water Level Indicator/Interface Probe		\$35	\$0					
	\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0	Miscellaneous Items		\$25	\$0					
	\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0					
	\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0					
	\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0	Other		\$0	\$0					
0		\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0	Subtotal			\$0					
0		\$0	Total			\$0	Total			\$0	Total			\$0	Total			\$0					
No. of Samples	Unit Cost	Total	8.2 Laboratory Analyses (Soil & Water)	No. of Samples	Unit Cost	Total	8.2 Laboratory Analyses (Soil & Water)	No. of Samples	Unit Cost	Total	8.2 Laboratory Analyses (Soil & Water)	No. of Samples	Unit Cost	Total	8.2 Laboratory Analyses (Soil & Water)	No. of Samples	Unit Cost	Total					
0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0	EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0					
0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0	EPA Method 8020 BTEX/MTBE	0	\$73	\$0					
0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0	EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0					
0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0	EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0					
0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0	EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0					
0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0	EPA Method 6010/7421 Total Lead ²	0	\$53	\$0					
0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0	Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0					
0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0	5 LUFT Metals ³	0	\$106	\$0					
0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0	CAM 17 Metals ³	0	\$231	\$0					
0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0	Other 1	0	\$0	\$0					
0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0	Other 2	0	\$0	\$0					
0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0					
Hours	Rate	Total	8.3 Data Evaluation/Risk Assessment	Hours	Rate	Total	8.3 Data Evaluation/Risk Assessment	Hours	Rate	Total	8.3 Data Evaluation/Risk Assessment	Hours	Rate	Total	8.3 Data Evaluation/Risk Assessment	Hours	Rate	Total					
0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0	Principal Engineer/Geologist	0	\$165	\$0					
0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0	Project Manager	0	\$139	\$0					
0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0	Senior Engineer/Geologist	0	\$139	\$0					
0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0	Project/Assoc Engineer/Geologist	0	\$119	\$0					
0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0	Staff Engineer/Geologist	0	\$99	\$0					
0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0	Senior Technician	0	\$92	\$0					
0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0	Technician	0	\$79	\$0					
0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0	Drafts Person	0	\$73	\$0					
0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0	Clerical	0	\$59	\$0					
0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0	Totals	0		\$0					

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

8.4 Vapor Intrusion Study			8.4 Vapor Intrusion Study			8.4 Vapor Intrusion Study			8.4 Vapor Intrusion Study		
Hours	Rate	Total	Hours	Rate	Total	Hours	Rate	Total	Hours	Rate	Total
0	\$165	\$0	0	\$165	\$0	0	\$165	\$0	0	\$165	\$0
0	\$119	\$0	0	\$119	\$0	0	\$119	\$0	0	\$119	\$0
0	\$99	\$0	0	\$99	\$0	0	\$99	\$0	0	\$99	\$0
0	\$73	\$0	0	\$73	\$0	0	\$73	\$0	0	\$73	\$0
0	\$59	\$0	0	\$59	\$0	0	\$59	\$0	0	\$59	\$0
Totals		0	Totals		0	Totals		0	Totals		0
8.5 Well Abandonment & Site Restoration			8.5 Well Abandonment & Site Restoration			8.5 Well Abandonment & Site Restoration			8.5 Well Abandonment & Site Restoration		
Units	Cost/Unit	Total	Units	Cost/Unit	Total	Units	Cost/Unit	Total	Units	Cost/Unit	Total
0	\$2,500	\$0	0	\$2,500	\$0	0	\$2,500	\$0	0	\$2,500	\$0
0	\$2,500	\$0	0	\$2,500	\$0	0	\$2,500	\$0	0	\$2,500	\$0
0	\$50	\$0	0	\$50	\$0	0	\$50	\$0	0	\$50	\$0
0	\$9	\$0	0	\$9	\$0	0	\$9	\$0	0	\$9	\$0
0	\$11	\$0	0	\$11	\$0	0	\$11	\$0	0	\$11	\$0
0	\$20,000	\$0	0	\$20,000	\$0	0	\$20,000	\$0	0	\$20,000	\$0
0	\$2,500	\$0	0	\$2,500	\$0	0	\$2,500	\$0	0	\$2,500	\$0
0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
Totals		0	Totals		0	Totals		0	Totals		0
8.6 Post Remediation/Closure Reporting			8.6 Post Remediation/Closure Reporting			8.6 Post Remediation/Closure Reporting			8.6 Post Remediation/Closure Reporting		
Hours	Rate	Total	Hours	Rate	Total	Hours	Rate	Total	Hours	Rate	Total
0	\$165	\$0	0	\$165	\$0	0	\$165	\$0	0	\$165	\$0
0	\$139	\$0	0	\$139	\$0	0	\$139	\$0	0	\$139	\$0
0	\$139	\$0	0	\$139	\$0	0	\$139	\$0	0	\$139	\$0
0	\$119	\$0	0	\$119	\$0	0	\$119	\$0	0	\$119	\$0
0	\$99	\$0	0	\$99	\$0	0	\$99	\$0	0	\$99	\$0
0	\$92	\$0	0	\$92	\$0	0	\$92	\$0	0	\$92	\$0
0	\$79	\$0	0	\$79	\$0	0	\$79	\$0	0	\$79	\$0
0	\$73	\$0	0	\$73	\$0	0	\$73	\$0	0	\$73	\$0
0	\$59	\$0	0	\$59	\$0	0	\$59	\$0	0	\$59	\$0
Totals		0	Totals		0	Totals		0	Totals		0
8.7 Other			8.7 Other			8.7 Other			8.7 Other		
Hours	Rate	Total	Hours	Rate	Total	Hours	Rate	Total	Hours	Rate	Total
0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
Totals		0	Totals		0	Totals		0	Totals		0

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

Fiscal Year 2025/2026			
8.1 Post-Remediation Verification Sampling			
Staff Title/Classification	Hours	Rate	Total
Project Manager		\$139	\$0
Staff Engineer/Geologist	0	\$99	\$0
Technician	0	\$79	\$0
Other	0	\$0	\$0
Subtotal	0		\$0
Other Direct Costs (ODCs)			
	Each	Unit Cost	Total
Padlocks		\$10	\$0
Disposable Bailer		\$25	\$0
Plastic sheeting (Visqueen®)		\$15	\$0
55-gallon drum		\$40	\$0
Small items such as gloves, distilled water, rope, tape, detergent, etc.		\$25	\$0
Other		\$0	\$0
Other		\$0	\$0
Other		\$0	\$0
Subtotal			\$0
Equipment Rental/Supplies			
	Each	Unit Cost	Total
Reusable Bailer		\$26	\$0
Pump (\$/day)		\$59	\$0
Work Truck		\$60	\$0
Storage Tank		\$15	\$0
PID/FID		\$135	\$0
pH/EC/T meter		\$53	\$0
Water Level Indicator/Interface Probe		\$35	\$0
Miscellaneous Items		\$25	\$0
Other		\$0	\$0
Other		\$0	\$0
Other		\$0	\$0
Subtotal			\$0
Total			\$0
8.2 Laboratory Analyses (Soil & Water)			
	No. of Samples	Unit Cost	Total
EPA Method ¹ 8015 Total Petroleum Hydrocarbons as gasoline (TPH-g) or as diesel/motor oil (TPH-d)	0	\$73	\$0
EPA Method 8020 BTEX/MTBE	0	\$73	\$0
EPA Method 8015/8020 TPH/BTEX/MTBE (gasoline only)	0	\$86	\$0
EPA Method 8260 volatile organic compounds (VOCs) and oxygenates	0	\$198	\$0
EPA Method 8270 semi-volatile organic compounds (SVOCs)	0	\$363	\$0
EPA Method 6010/7421 Total Lead ²	0	\$53	\$0
Waste Characterization (reactivity/corrosivity/ignitability)	0	\$238	\$0
5 LUFT Metals ³	0	\$106	\$0
CAM 17 Metals ³	0	\$231	\$0
Other 1	0	\$0	\$0
Other 2	0	\$0	\$0
Totals	0		\$0
8.3 Data Evaluation/Risk Assessment			
Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0
Totals	0		\$0

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

8.4 Vapor Intrusion Study			
Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0
Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0
Totals	0		\$0
8.5 Well Abandonment & Site Restoration			
	Units	Cost/Unit	Total
Well Drilling Permits	0	\$2,500	\$0
Mobilization & Demobilization	0	\$2,500	\$0
Drilling Cost/Foot	0	\$50	\$0
Bentonite	0	\$9	\$0
Cement	0	\$11	\$0
Sidewalks and hot patch	0	\$20,000	\$0
Site Cleanup & Waste Disposal	0	\$2,500	\$0
Other 1	0	\$0	\$0
Other 2	0	\$0	\$0
Totals			\$0
8.6 Post Remediation/Closure Reporting			
Staff Title/Classification	Hours	Rate	Total
Principal Engineer/Geologist	0	\$165	\$0
Project Manager	0	\$139	\$0
Senior Engineer/Geologist	0	\$139	\$0
Project/Assoc Engineer/Geologist	0	\$119	\$0
Staff Engineer/Geologist	0	\$99	\$0
Senior Technician	0	\$92	\$0
Technician	0	\$79	\$0
Drafts Person	0	\$73	\$0
Clerical	0	\$59	\$0
Totals			\$0
8.7 Other			
Staff Title/Classification	Hours	Rate	Total
Other	0	\$0	\$0
Other	0	\$0	\$0
Other	0	\$0	\$0
Other	0	\$0	\$0
Other	0	\$0	\$0
Totals	0		\$0

UST Cleanup Fund Program Project Execution Plan

Remediation Information

Shaded Cells are Locked

Section A							
Type of Remediation Plan	(Select from Pull-Down)	Date of Remediation Plan	mm/dd/yyyy	Remediation Technology	(Select from Pull-Down)		
Date Approved by Regulatory Agency	mm/dd/yyyy	System Start-Up Date	mm/dd/yyyy	Duration/Planned Duration of Remediation (in months)	(Select from Pull-Down Menu)		
No. of Hours Operating Per Month		No. of O&M Visits Per Month		Depth to Water in Feet (minimum)		Depth to Water in Feet (maximum)	
Criteria for Rebound Testing or Termination	(Example: Perform temporary rebound test)						
Extent of Source Area (square feet)		Extent of Dissolved Plume (square feet)		Substances Released	(Select from Pull-Down)		
NAPL Thickness (inches)		Non-Petroleum Substances Released (if any, specify)		(Select from Pull-Down)		If other selected, specify	
Section B							
Manufacturer		Model No.		Serial No.		Type of Unit	(Select from Pull-Down)
Capacity							
AQMD Permit No.		Remediation Unit Owner	(Select from Pull-Down)	No. & Type of Remediation Wells			
Current Influent Vapor Concentration (ppmv)		Date of Current Influent Vapor Concentration (ppmv)	mm/dd/yyyy	Latest Influent Groundwater Concentration (ppb)		Date of Latest Influent Groundwater Concentration (ppb)	mm/dd/yyyy
Supplemental Energy Consumption Per Month (Propane in Gallons)		Supplemental Energy Consumption Per Month (Natural Gas in BTUs/Therms)		Supplemental Energy Consumption Per Month (Electricity in KWH)			
Section C							
Liquid Waste Mass Removal for Prior 12 Months (in gallons)	mm/yyyy	Gallons	mm/yyyy	Gallons	mm/yyyy	Gallons	
	mm/yyyy	Gallons	mm/yyyy	Gallons	mm/yyyy	Gallons	
	mm/yyyy	Gallons	mm/yyyy	Gallons	mm/yyyy	Gallons	
	mm/yyyy	Gallons	mm/yyyy	Gallons	mm/yyyy	Gallons	

UST Cleanup Fund Program Project Execution Plan Remediation Information

Section D							
Wastewater Mass Removal for Prior 12 Months (in gallons)	mm/yyyy	Gallons	mm/yyyy	Gallons	mm/yyyy	Gallons	
	mm/yyyy	Gallons	mm/yyyy	Gallons	mm/yyyy	Gallons	
	mm/yyyy	Gallons	mm/yyyy	Gallons	mm/yyyy	Gallons	
	mm/yyyy	Gallons	mm/yyyy	Gallons	mm/yyyy	Gallons	
Section E							
Soil Vapor Mass Removal for Prior 12 Months (in pounds)	mm/yyyy	Pounds	mm/yyyy	Pounds	mm/yyyy	Pounds	
	mm/yyyy	Pounds	mm/yyyy	Pounds	mm/yyyy	Pounds	
	mm/yyyy	Pounds	mm/yyyy	Pounds	mm/yyyy	Pounds	
	mm/yyyy	Pounds	mm/yyyy	Pounds	mm/yyyy	Pounds	
Section F							
Additional Comments							

UST Cleanup Fund Programs Project Execution Plan

Low-Threat Underground Storage Tank Case Closure Policy (Policy) Criteria

Click Here To View Policy	
General Criteria	
General Criteria a.	The unauthorized release is located within the service area of a public water system.
General Criteria b.	The unauthorized release consists only of petroleum.
General Criteria c.	The unauthorized ("primary") release from the UST system has been stopped.
General Criteria d.	Free product has been removed to the maximum extent practicable.
General Criteria e.	A conceptual site model that assesses the nature, extent, and mobility of the release has been developed.
General Criteria f.	Secondary source has been removed to the extent practicable.
General Criteria g.	Soil and groundwater has been tested for methyl tert-butyl ether (MTBE) and results reported in accordance with Health and Safety Code section 25296.15.
General Criteria h.	Nuisance as defined by Water Code section 13050 does not exist at the site.
Groundwater Media Specific Criteria	
GWMSC (1) a	The contaminant plume that exceeds water quality objectives is less than 100 feet in length.
GWMSC (1) b	There is no free product.
GWMSC (1) c	The nearest existing water supply well or surface water body is greater than 250 feet from the defined plume boundary.
GWMSC (2) a	The contaminant plume that exceeds water quality objectives is less than 250 feet in length.
GWMSC (2) b	There is no free product.
GWMSC (2) c	The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary.
GWMSC (2) d	The dissolved concentration of benzene is less than 3,000 µg/L and the dissolved concentration of MTBE is less than 1,000 µg/L.
GWMSC (3) a	The contaminant plume that exceeds water quality objectives is less than 250 feet in length.
GWMSC (3) b	Free product has been removed to the maximum extent practicable, may still be present below the site where the release originated, but does not extend
GWMSC (3) c	The plume has been stable or decreasing for a minimum of five years.
GWMSC (3) d	The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary.
GWMSC (3) e	The property owner is willing to accept a land use restriction if the regulatory agency requires a land use restriction as a condition of closure.
GWMSC (4) a	The contaminant plume that exceeds water quality objectives is less than 1,000 feet in length.
GWMSC (4) b	There is no free product.

UST Cleanup Fund Programs Project Execution Plan
Low-Threat Underground Storage Tank Case Closure Policy (Policy) Criteria

GWMSC (4) c	The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary.
GWMSC (4) d	The dissolved concentration of benzene is less than 1,000 µg/L and the dissolved concentration of MTBE is less than 1,000 µg/L.
Vapor Intrusion to Indoor Air Media Specific Criteria	
VI to IA MSC a, Scenario 1	1. The bioattenuation zone shall be a continuous zone that provides a separation of at least 30 feet vertically between the LNAPL in groundwater and the foundation of existing or potential buildings; and 2. Total TPH (TPH-g and TPH-d combined) are less than 100 mg/kg throughout the entire depth of the bioattenuation zone.
VI to IA MSC a, Scenario 2	1. The bioattenuation zone shall be a continuous zone that provides a separation of at least 30 feet both laterally and vertically between the LNAPL in soil and the foundation of existing or potential buildings, and 2. Total TPH (TPH-g and TPH-d combined) are less than 100 mg/kg throughout the entire lateral and vertical extent of the bioattenuation zone.
VI to IA MSC a, Scenario 3A	1) Where benzene concentrations are less than 100 µg/L, the bioattenuation zone: a) Shall be a continuous zone that provides a separation of at least 5 feet vertically between the dissolved phase Benzene and the foundation of existing or potential buildings; and b) Contain Total TPH (TPH-g and TPH-d combined) less than 100 mg/kg throughout the entire depth of the bioattenuation zone.
VI to IA MSC a, Scenario 3B	1) Where benzene concentrations are equal to or greater than 100 µg/L but less than 1000 µg/L, the bioattenuation zone: a) Shall be a continuous zone that provides a separation of at least 10 feet vertically between the dissolved phase Benzene and the foundation of existing or potential buildings; and b) Contain Total TPH (TPH-g and TPH-d combined) less than 100 mg/kg throughout the entire depth of the bioattenuation zone.
VI to IA MSC a, Scenario 3C	Where benzene concentrations are less than 1000 µg/L, the bioattenuation zone: 1. Shall be a continuous zone that provides a separation of least 5 feet vertically between the dissolved phase Benzene and the foundation of existing or potential buildings; and 2. Contain Total TPH (TPH-g and TPH-d combined) less than 100 mg/kg throughout the entire depth of the bioattenuation zone.

UST Cleanup Fund Programs Project Execution Plan
Low-Threat Underground Storage Tank Case Closure Policy (Policy) Criteria

VI to IA MSC a, Scenario 4, No Bio	When applying the criteria in the table (see the Policy), the soil gas sample must be obtained from the following locations: a. Beneath or adjacent to an existing building: The soil gas sample shall be collected at least five feet below the bottom of the building foundation. b. Future construction: The soil gas sample shall be collected from at least five feet below ground surface.
VI to IA MSC a, Scenario 4, Bio	The criteria in the table (see the Policy) apply if the following requirement for a bioattenuation zone are satisfied: 1. There is a minimum of five vertical feet of soil between the soil vapor measurement and the foundation of an existing building or ground surface of future construction. 2. TPH (TPHg + TPHd) is less than 100 mg/kg (measured in at least two depths within the five-foot zone.) 3. Oxygen is greater than or equal to four percent measured at the bottom of the five-foot zone.
Direct Contact & Outdoor Air Exposure Media Specific Criteria	
DC OAE MSC a	Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1 for the specified depth below ground surface (bgs). The concentration limits for 0 to 5 feet bgs protect from ingestion of soil, dermal contact with soil, and inhalation of volatile soil emissions and inhalation of particulate emissions. The 5 to 10 feet bgs concentration limits protect from inhalation of volatile soil emissions. Both the 0 to 5 feet bgs concentration limits and the 5 to 10 feet bgs concentration limits for the appropriate site classification (Residential or Commercial/Industrial) shall be satisfied. In addition, if exposure to construction workers or utility trench workers are reasonably anticipated, the concentration limits for Utility Worker shall also be satisfied.
DC OAE MSC b	Maximum concentrations of petroleum constituents in soil are less than levels that a site specific risk assessment demonstrates will have no significant risk of adversely affecting human health.
DC OAE MSC c	As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, the regulatory agency determines that the concentrations of petroleum constituents in soil will have no significant risk of adversely affecting human health.

UST Cleanup Fund Programs Project Execution Plan

Low-Threat Underground Storage Tank Case Closure Policy (Policy) Criteria

Table 1
Concentrations of Petroleum Constituents in Soil That Will Have No Significant Risk of Adversely Affecting Human Health

Chemical	Residential		Commercial/ Industrial		Utility Worker
	0 to 5 feet bgs mg/kg	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 5 feet bgs mg/kg	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 10 feet bgs mg/kg
Benzene	1.9	2.8	8.2	12	14
Ethylbenzene	21	32	89	134	314
Naphthalene	9.7	9.7	45	45	219
PAH¹	0.063	NA	0.68	NA	4.5

Notes:

1. Based on the seven carcinogenic poly-aromatic hydrocarbons (PAHs) as benzo(a)pyrene toxicity equivalent [BaPe]. Sampling and analysis for PAH is only necessary where soil is affected by either waste oil or Bunker C fuel.
2. The area of impacted soil where a particular exposure occurs is 25 by 25 meters (approximately 82 by 82 feet) or less.
3. NA = not applicable
4. mg/kg = milligrams per kilogram