

# Attachment 2

May 24, 2023

Proposal No. P19124073

**Mr. Adam Spaulding**

City of El Paso de Robles  
1000 Spring Street  
Paso Robles, CA 93446

**PROPOSAL FOR FISCAL YEARS 2023-2026 PASO ROBLES LANDFILL MONITORING AND REPORTING  
(REVISED)**

Dear Mr. Spaulding:

WSP USA Inc. (WSP, formerly Golder Associates Inc.) is pleased to submit this proposal for a three-year extension of our existing landfill monitoring and reporting contract with the City of Paso Robles. The proposed scope of work is based on Monitoring and Reporting requirements of General Order R3-2020-0001 and Central Coast Regional Water Quality Control Board (RWQCB) letter dated July 14, 2021 - Land Disposal Program: Paso Robles Landfill, San Luis Obispo County – PFAS Detection Follow-Up Workplan, WDID NO. 3 400302001. The scope of work includes monitoring and reporting from second quarter 2023 through first quarter 2026, covering the time period for the next three City fiscal years.

The current WSP field and office staff will continue to work on the project. WSP will continue to subcontract with Pace Analytical (formerly BC Laboratories) of Bakersfield, California for analysis of the routine MRP-related samples obtained for this project.

**Proposed Scope of Work**

The scope of work is divided into two main tasks: (1) Site Monitoring and (2) Reporting. Both main tasks have several subtasks, as listed below.

- TASK 1 – Site Monitoring
  - Task 1A. Semi-Annual Groundwater and Landfill Gas Probe Monitoring
  - Task 1B. Annual Landfill Gas Probe, Leachate Tank, and Stormwater Basin Monitoring
  - Task 1C. Quarterly Landfill Gas Probe Monitoring and Reporting
  - Task 1D. Quarterly Surface Sweep Monitoring
- TASK 2 – Reporting
  - Task 2A. Semi-Annual RWQCB Self-Monitoring Reporting
  - Task 2B. Title V Semi-Annual Reporting

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- Task 2C. Title V Annual Certification Report
- Task 2D. Semi-annual PFAS Monitoring and Reporting (once in 2023-2024 and 2024-2025)

WSP proposes to conduct the following site monitoring and report preparation activities:

- Measure the depth to water in each site monitoring well quarterly.
- Sample groundwater monitoring wells as identified in the MRP on a semi-annual schedule, during third quarter and first quarter (third quarter 2023 through first quarter 2026) and submit samples for laboratory parameters specified in the General Order R3-2020-0001 MRP. This includes the 5-year constituents of concern during third quarter 2023.
- Sample leachate, condensate, and landfill gas probes for the General Order R3-2020-0001 MRP parameters annually, during first quarter 2024, first quarter 2025, and first quarter 2026 and submit the samples for laboratory analysis of the parameters specified in the MRP.
- Sample stormwater basins for the General Order R3-2020-0001 MRP parameters annually and submit the samples for laboratory analysis of the parameters specified in the MRP.
- Sample groundwater, stormwater, leachate, and flare samples for per- and polyfluoroalkyl substances (PFAS) during third quarter 2023. The RWQCB July 14, 2021 letter recommended PFAS monitoring on a semiannual basis for a minimum of two years after which a pause to evaluate data and determine next steps may be appropriate. The third quarter 2023 monitoring event will complete the initial two years of PFAS monitoring. After the 2023-2024 PFAS monitoring event, we anticipate recommending that future PFAS monitoring correspond with the five-year COC schedule. However, we have included costs for one PFAS monitoring event in 2024-2025.
- Monitor the perimeter gas probes quarterly for field measurements of methane, carbon dioxide, oxygen, and VOCs.
- Perform landfill surface emissions monitoring quarterly.
- Evaluate the field and laboratory analytical data and prepare semi-annual and annual water quality monitoring reports for submittal to the Regional Board.
- Prepare quarterly perimeter landfill gas migration monitoring reports for submittal to the local enforcement agency.
- Prepare the semi-annual and annual Title V monitoring reports for submittal to the air district.

All groundwater sampling and analysis will be performed in accordance with the protocol described in our Groundwater Sampling and Laboratory Procedures. Field measurements of pH, specific conductance, temperature, dissolved oxygen, oxidation-reduction potential, and turbidity will be taken and recorded on water sample field data sheets. Samples will be properly preserved and stored on the day of sampling. Chain-of-custody documentation will accompany the samples through collection and delivery to a State-certified analytical laboratory.

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## Deliverables

WSP will prepare semi-annual and annual monitoring reports containing the information required by the MRP. The reports will include a discussion of the monitoring data collected during the monitoring period. The reports will include a summary of the site conditions, tabulated analytical results, time-concentration graphs of data, statistical analyses, groundwater contour maps, groundwater flow velocity calculations, and an evaluation of field and laboratory QC data. In addition, the reports will include all back-up data such as field data sheets, chain-of-custody documentation, and certified analytical reports. WSP will incorporate information provided by the site operator to address facility monitoring requirements of the MRP. This information includes site inspections and standard observations, intake monitoring data, drainage system inspections, rainfall data, and pollution control system inspections.

WSP will prepare quarterly landfill gas probe monitoring reports and provide to the City and landfill operator during the month following the end of each quarter. The Title V permit requires the submittal of Semiannual Compliance and SSM reports on January and July 31 of each year. The reports will summarize relevant compliance data and list any deviations. The Annual Compliance Certification will be prepared based on a review of all applicable operating data and records. This review will determine if the conditions in the Landfill's Title V permit and other applicable air regulations are being met. Each condition of the permit will be evaluated for compliance. WSP will review monitoring data for completeness and compliance; determine if available records meet Title V requirements; and verify that all required reports have been prepared and submitted in a timely manner.

## Schedule

Semi-annual water quality sampling will take place in third (2023, 2024, and 2025) and first (2024, 2025, and 2026) quarters. Quarterly monitoring will occur during each quarter. The semi-annual and annual MRP monitoring reports will be provided to the City for review approximately two weeks prior to the Regional Board submittal dates of April 30 and October 31. Quarterly reports will be provided for submittal during the month following the end of each quarter. The semiannual and annual Title V reports will be submitted in January and July.

## Cost and Terms

The 2023-2026 scope and budgets cover the next three years of monitoring (second quarter 2023 through first quarter 2026). Based on past experience, we have included an additional task for landfill surface emissions re-monitoring (Task 3A). We have assumed that the re-monitoring will occur twice during the four quarterly events and a single 10-day and 30-day re-monitoring will be needed. The cost per each re-monitoring event (includes both 10-day and 30-day) is \$3,509. The following summarizes our proposed costs by task:

### Cost Summary Table

Task	2023-2024	2024-2025	2025-2026
<b>Task 1 - Site Monitoring</b>			
Task 1A. Semi-Annual Monitoring (COCs in 2023-2024)	\$16,468	\$11,298	\$11,298
Task 1B. Annual Monitoring	\$3,794	\$3,794	\$3,794
Task 1C. LFG Probe Quarterly Monitoring	\$3,340	\$3,340	\$3,340
Task 1D. Title V & AB32 Surface Sweep Quarterly Monitoring	\$13,240	\$13,240	\$13,240

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Task	2023-2024	2024-2025	2025-2026
<b>Task 2 - Reporting</b>			
Task 2A. Semi-annual MRP Reporting	\$15,956	\$15,956	\$15,956
Task 2B. Title V Semi-annual Reporting	\$4,203	\$4,203	\$4,203
Task 2C. Title V Annual Certification Report	\$1,750	\$1,750	\$1,750
Task 2D. Semi-annual PFAS Monitoring and Reporting	\$4,957	\$4,957	\$0
<b>Task 3 – Optional – As-needed Work</b>			
Task 3A – Surface Emissions Re-Monitoring (Optional - As-Needed)	\$6,835	\$6,835	\$6,835
<b>Annual Total</b>	<b>\$70,543</b>	<b>\$65,373</b>	<b>\$60,416</b>

A detailed breakdown of personnel rates, estimated hours, laboratory fees, and equipment charges is included in the attached cost estimate. Our work will be completed in accordance with our Agreement for Professional Services with the City of El Paso de Robles dated March 9, 2012. Effective January 1, 2023, Golder Associates USA Inc. (formerly known as Golder Associates Inc.) merged with and into its affiliate WSP USA Inc. As a result of the merger, WSP USA Inc. will succeed to all of Golder Associates USA Inc.'s rights and obligations by operation of law, including your Agreement which will immediately become an obligation of WSP USA Inc.

We look forward to the opportunity to continue to work on this project with the City. If you have any questions or need additional information, please feel free to contact Kris Johnson via email: [kris.johnson@wsp.com](mailto:kris.johnson@wsp.com) or by phone at 408-593-4341.

Sincerely

**WSP USA Inc.**



Brian A. Stozek  
Senior Consultant, Geologist



Kris H. Johnson  
Vice President, Geologist

Attachments: Cost Estimate

[https://golderassociates.sharepoint.com/sites/18740g/shared documents/0project management/1proposal/2023/p19124073 paso robes monitoring reporting 2023-2026.docx](https://golderassociates.sharepoint.com/sites/18740g/shared%20documents/0project%20management/1proposal/2023/p19124073%20paso%20robles%20monitoring%20reporting%202023-2026.docx)

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**COST ESTIMATE 2023-2024**

CLIENT: City of Paso Robles

PROJECT: Paso Robles Landfill Monitoring & Reporting

DATE: May 2023

PROPOSAL NO. P19124073

ITEM DESCRIPTION	UNIT	UNIT COST	QUAN-TITY	COST	SUB-TOTAL	TASK TOTAL
<b>2023-2026 SUMMARY</b>						
<b>TASK 1 - Site Monitoring</b>						
<b>Task 1A. Semi-Annual Monitoring</b>						<b>\$16,468</b>
<b>Task 1B. Annual Monitoring</b>						<b>\$3,794</b>
<b>Task 1C. LFG Probe Quarterly Monitoring</b>						<b>\$3,340</b>
<b>Task 1D. Title V &amp; AB32 Surface Sweep Quarterly Monitoring</b>						<b>\$13,240</b>
<b>Task 2 -Reporting</b>						
<b>Task 2A - Semi-annual MRP Reporting</b>						<b>\$15,956</b>
<b>Task 2B - Title V Semi-annual Reporting</b>						<b>\$4,203</b>
<b>Task 2C - Title V Annual Certification Report</b>						<b>\$1,750</b>
<b>Task 2D - Semi-annual PFAS Monitoring and Reporting</b>						<b>\$4,957</b>
<b>Task 3 - Optional - As-Needed Work</b>						
<b>Task 3A - Additional Surface Emissions Re-Monitoring (Optional - As-Needed)</b>						<b>\$6,835</b>
<b>TOTAL</b>						<b>\$70,543</b>

**TASK 1 - Site Monitoring**

**Task 1A. Semi-Annual Monitoring**

(New General Order Monitoring and Reporting Program R3-2020-0001)

Groundwater levels, groundwater sample collection and analysis, vadose zone sampling, landfill gas monitoring probes

**Professional Services**

Field Technician	hour	\$120	34	\$4,080	
Practice Leader	hour	\$275	2	\$550	\$4,630
Field Vehicle (4x4)	day	\$125	4	\$500	
Lodging	day	\$130	2	\$260	
Per Diem	day	\$50	2	\$100	\$860

**Chargeable Equipment/Consumable Materials**

Filters	each	\$18	16	\$288	
Per Location Charge	each	\$35	16	\$560	\$848

**Laboratory Analysis**

SCOPE: Sample kit delivery, sample transport, analysis, lab and field QA/QC, electronic deliverable.

TDS	each	\$10	16	\$160		
TOC	each	\$25	16	\$400		
Alkalinity (total, carbonate, bicarbonate)	each	\$24	16	\$384		
Chloride	each	\$9	16	\$144		
Nitrate	each	\$9	16	\$144		
Ammonia	each	\$27	16	\$432		
Sulfate	each	\$9	16	\$144		
Sulfide	each	\$28	16	\$448		
Metals (Fe, Ca, Mg, Na, K, B)	each	\$40	16	\$640		
TPH (gas, diesel, crude oil)	each	\$75	16	\$1,200		
VOCs 8260	each	\$70	16	\$1,120		
<b>5-year COCs (third quarter 2023)</b>						
Metals	each	\$121	9	\$1,089		
Sb, As, Ba, Be, Cd, Cr, Co, Cu, Hg, Pb, Ni, Se, Ag, Th, Sn, V, Zn						
Cyanide	each	\$30	9	\$270		
Perchlorate	each	\$35	9	\$315		
Organochlorine Pesticides and PCBs	each	\$60	9	\$540		
Organophosphorous Pesticides	each	\$85	9	\$765		
Chlorinated Herbicides	each	\$85	9	\$765		
SVOCs including Phthalates and Phenols	each	\$130	9	\$1,170		

\$10,130

Administrative Fee (10%)

\$1,013

**TASK TOTAL**

**\$16,468**

ITEM DESCRIPTION	UNIT	UNIT COST	QUAN-TITY	COST	SUB-TOTAL	TASK TOTAL
<b>Task 1B. Annual Monitoring</b>						
(Monitoring and Reporting Program Order No. R3-2008-0050)						
Landfill gas probes TO-14, landfill leachate tank composite, and Flare CST						
<b>Professional Services</b>						
Field Technician	hour	\$120	5	\$600		
Practice Leader	hour	\$275	1	\$275	\$875	
<b>Travel</b>						
Field Vehicle (4x4)	day	\$125	0	\$0		
					\$0	
<b>Chargeable Equipment/Consumable Materials</b>						
Filters	each	\$18	2	\$36		
Per Location Charge	each	\$35	4	\$140	\$176	
<b>Laboratory Analysis</b>						
SCOPE: Sample kit delivery, sample transport, analysis, lab and field QA/QC, electronic deliverable.						
TDS	each	\$10	4	\$40		
TOC	each	\$25	4	\$100		
Alkalinity (total, carbonate, bicarbonate)	each	\$24	4	\$96		
Chloride	each	\$9	4	\$36		
Nitrate	each	\$9	4	\$36		
Ammonia	each	\$27	4	\$108		
Sulfate	each	\$9	4	\$36		
Sulfide	each	\$28	4	\$112		
Metals (Fe, Ca, Mg, Na, K, B)	each	\$40	4	\$160		
TPH (gas, diesel, crude oil)	each	\$75	4	\$300		
VOCs 8260	each	\$70	4	\$280		
VOCs air	each	\$170	7	\$1,190		
					\$2,494	
Administrative Fee (10%)					\$249	
						<b>TASK TOTAL</b>
						<b>\$3,794</b>
<b>Task 1C. LFG Probe Quarterly Monitoring</b>						
(Solid Waste Facilities Permit 40-AA-0001)						
Landfill gas probes						
<b>Professional Services</b>						
Field Technician	hour	\$120	16	\$1,920		
Staff Engineer	hour	\$130	4	\$520	\$2,440	
<b>Travel</b>						
Field Vehicle (4x4)	day	\$125	4	\$500		
					\$500	
<b>Chargeable Equipment/Consumable Materials</b>						
Field Meter	day	\$100	4	\$400		
					\$400	
						<b>TASK TOTAL</b>
						<b>\$3,340</b>

ITEM DESCRIPTION	UNIT	UNIT COST	QUAN-TITY	COST	SUB-TOTAL	TASK TOTAL
<b>Task 1D. Title V &amp; AB32 Surface Sweep Quarterly Monitoring</b>						
(required by California Air Resources Board)						
Landfill OVA surface sweep and AB32 compliance						
<b>Professional Services</b>						
Field Technician	hour	\$120	48	\$5,760		
Staff Engineer	hour	\$130	16	\$2,080		
Sr. Project Eng.	hour	\$200	8	\$1,600		
Practice Leader	hour	\$275	4	\$1,100	\$10,540	
<b>Travel</b>						
Field Vehicle (4x4)	day	\$125	8	\$1,000		
Lodging	day	\$100	4	\$400		
Per Diem	day	\$50	4	\$200	\$1,600	
<b>Chargeable Equipment/Consumable Materials</b>						
TVA, GPS, Weather	each	\$275	4	\$1,100	\$1,100	
<b>TASK TOTAL</b>						<b>\$13,240</b>
<b>Task 2 -Reporting</b>						
<b>Task 2A - Semi-annual MRP Reporting</b>						
(Monitoring and Reporting Program Order No. R3-2008-0050)						
<b>Professional Services</b>						
Project Admin	hour	\$89	4	\$356		
Drafter	hour	\$145	4	\$580		
Staff Geologist	hour	\$120	56	\$6,720		
Project Geologist	hour	\$150	32	\$4,800		
Practice Leader	hour	\$250	14	\$3,500	\$15,956	
<b>TASK TOTAL</b>						<b>\$15,956</b>
<b>Task 2B - Title V Semi-annual Reporting</b>						
NSPS/SLOAPCD Title V report, LFG system report						
<b>Professional Services</b>						
Project Admin	hour	\$89	2	\$178		
Drafter	hour	\$145	2	\$290		
Staff Engineer	hour	\$130	22	\$2,860		
Proj Eng.	hour	\$150	4	\$600		
Practice Leader	hour	\$275	1	\$275	\$4,203	
<b>TASK TOTAL</b>						<b>\$4,203</b>
<b>Task 2C - Title V Annual Certification Report</b>						
Title V annual certification report						
<b>Professional Services</b>						
Staff Engineer	hour	\$120	10	\$1,200		
Proj Eng.	hour	\$150	2	\$300		
Practice Leader	hour	\$250	1	\$250	\$1,750	
<b>TASK TOTAL</b>						<b>\$1,750</b>
<b>Task 2D - Semi-annual PFAS Monitoring and Reporting</b>						
Field Tech	hour	\$120	4	\$480		
Project Scientist	hour	\$150	4	\$600		
Practice Leader	hour	\$275	1	\$275	\$1,355	
<b>Chargeable Equipment/Consumable Materials</b>						
Per Location Charge	each	\$35	8	\$280	\$280	
<b>Laboratory Analysis</b>						
PFAS	each	\$302	10	\$3,020	\$3,020	
Administrative Fee (10%)					\$302	
<b>TASK TOTAL</b>						<b>\$4,957</b>

ITEM DESCRIPTION	UNIT	UNIT COST	QUAN- TITY	COST	SUB- TOTAL	TASK TOTAL
<b>Task 3 - Optional - As-Needed Work</b>						
<b>Task 3A - Additional Surface Emissions Re-Monitoring (Optional - As-Needed)</b>						
Assumes one 10-day return monitoring event per quarter.						
<b>Professional Services</b>						
Field Technician	hour	\$120	32	\$3,840		
Staff Engineer	hour	\$130	4	\$520		
Proj Eng.	hour	\$150	4	\$600		
Practice Leader	hour	\$275	1	\$275	\$5,235	
<b>Travel</b>						
Field Vehicle (4x4)	day	\$125	4	\$500		
Lodging	day	\$100	0	\$0		
Per Diem	day	\$50	0	\$0	\$500	
<b>Chargeable Equipment/Consumable Materials</b>						
TVA, GPS, Weather	each	\$275	4	\$1,100	\$1,100	
					<b>TASK TOTAL</b>	<b>\$6,835</b>



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**COST ESTIMATE 2024-2026 per year**

CLIENT: City of Paso Robles

DATE: May 2023

PROJECT: Paso Robles Landfill Monitoring & Reporting

PROPOSAL NO. P19124073

ITEM DESCRIPTION	UNIT	UNIT COST	QUAN-TITY	COST	SUB-TOTAL	TASK TOTAL
<b>2023-2026 SUMMARY</b>						
<b>TASK 1 - Site Monitoring</b>						
Task 1A. Semi-Annual Monitoring						\$11,298
Task 1B. Annual Monitoring						\$3,794
Task 1C. LFG Probe Quarterly Monitoring						\$3,340
Task 1D. Title V & AB32 Surface Sweep Quarterly Monitoring						\$13,240
<b>Task 2 -Reporting</b>						
Task 2A - Semi-annual MRP Reporting						\$15,956
Task 2B - Title V Semi-annual Reporting						\$4,203
Task 2C - Title V Annual Certification Report						\$1,750
Task 2D - Additional PFAS Monitoring and Reporting						\$4,957
<b>Task 3 - Optional - As-Needed Work</b>						
Task 3A - Additional Surface Emissions Re-Monitoring (Optional - As-Needed)						\$6,835
<b>2024-2025 TOTAL</b>						<b>\$65,373</b>
<b>2025-2026 TOTAL (no PFAS monitoring)</b>						<b>\$60,416</b>

**TASK 1 - Site Monitoring**

**Task 1A. Semi-Annual Monitoring**

(New General Order Monitoring and Reporting Program R3-2020-0001)

Groundwater levels, groundwater sample collection and analysis, vadose zone sampling, landfill gas monitoring probes

**Professional Services**

Field Technician	hour	\$120	34	\$4,080	
Practice Leader	hour	\$275	2	\$550	\$4,630

Field Vehicle (4x4)	day	\$125	4	\$500	
Lodging	day	\$130	2	\$260	
Per Diem	day	\$50	2	\$100	\$860

**Chargeable Equipment/Consumable Materials**

Filters	each	\$18	16	\$288	
Per Location Charge	each	\$35	16	\$560	\$848

**Laboratory Analysis**

SCOPE: Sample kit delivery, sample transport, analysis, lab and field QA/QC, electronic deliverable.

TDS	each	\$10	16	\$160	
TOC	each	\$25	16	\$400	
Alkalinity (total, carbonate, bicarbonate)	each	\$24	16	\$384	
Chloride	each	\$9	16	\$144	
Nitrate	each	\$9	16	\$144	
Ammonia	each	\$27	16	\$432	
Sulfate	each	\$9	16	\$144	
Sulfide	each	\$28	16	\$448	
Metals (Fe, Ca, Mg, Na, K, B)	each	\$24	16	\$384	
TPH (gas, diesel, crude oil)	each	\$75	16	\$1,200	
VOCs 8260	each	\$70	16	\$1,120	

**5-year COCs (third quarter 2023)**

Metals	each	\$121	0	\$0	
Sb, As, Ba, Be, Cd, Cr, Co, Cu, Hg, Pb, Ni, Se, Ag, Th, Sn, V, Zn					
Cyanide	each	\$30	0	\$0	
Perchlorate	each	\$35	0	\$0	
Organochlorine Pesticides and PCBs	each	\$60	0	\$0	
Organophosphorous Pesticides	each	\$85	0	\$0	
Chlorinated Herbicides	each	\$85	0	\$0	
SVOCs including Phthalates and Phenols	each	\$130	0	\$0	\$4,960
Administrative Fee (10%)					\$496

**TASK TOTAL**

**\$11,298**

ITEM DESCRIPTION	UNIT	UNIT COST	QUAN-TITY	COST	SUB-TOTAL	TASK TOTAL
<b>Task 1B. Annual Monitoring</b>						
(Monitoring and Reporting Program Order No. R3-2008-0050)						
Landfill gas probes TO-14, landfill leachate tank composite, and Flare CST						
<b>Professional Services</b>						
Field Technician	hour	\$120	5	\$600		
Practice Leader	hour	\$275	1	\$275	\$875	
<b>Travel</b>						
Field Vehicle (4x4)	day	\$125	0	\$0		
					\$0	
<b>Chargeable Equipment/Consumable Materials</b>						
Filters	each	\$18	2	\$36		
Per Location Charge	each	\$35	4	\$140	\$176	
<b>Laboratory Analysis</b>						
SCOPE: Sample kit delivery, sample transport, analysis, lab and field QA/QC, electronic deliverable.						
TDS	each	\$10	4	\$40		
TOC	each	\$25	4	\$100		
Alkalinity (total, carbonate, bicarbonate)	each	\$24	4	\$96		
Chloride	each	\$9	4	\$36		
Nitrate	each	\$9	4	\$36		
Ammonia	each	\$27	4	\$108		
Sulfate	each	\$9	4	\$36		
Sulfide	each	\$28	4	\$112		
Metals (Fe, Ca, Mg, Na, K, B)	each	\$40	4	\$160		
TPH (gas, diesel, crude oil)	each	\$75	4	\$300		
VOCs 8260	each	\$70	4	\$280		
VOCs air	each	\$170	7	\$1,190		
					\$2,494	
Administrative Fee (10%)					\$249	
						<b>TASK TOTAL</b>
						<b>\$3,794</b>
<b>Task 1C. LFG Probe Quarterly Monitoring</b>						
(Solid Waste Facilities Permit 40-AA-0001)						
Landfill gas probes						
<b>Professional Services</b>						
Field Technician	hour	\$120	16	\$1,920		
Staff Engineer	hour	\$130	4	\$520	\$2,440	
<b>Travel</b>						
Field Vehicle (4x4)	day	\$125	4	\$500		
					\$500	
<b>Chargeable Equipment/Consumable Materials</b>						
Field Meter	day	\$100	4	\$400		
					\$400	
						<b>TASK TOTAL</b>
						<b>\$3,340</b>

ITEM DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST	SUB-TOTAL	TASK TOTAL
<b>Task 1D. Title V &amp; AB32 Surface Sweep Quarterly Monitoring</b>						
(required by California Air Resources Board)						
Landfill OVA surface sweep and AB32 compliance						
<b>Professional Services</b>						
Field Technician	hour	\$120	48	\$5,760		
Staff Engineer	hour	\$130	16	\$2,080		
Sr. Project Eng.	hour	\$200	8	\$1,600		
Practice Leader	hour	\$275	4	\$1,100	\$10,540	
<b>Travel</b>						
Field Vehicle (4x4)	day	\$125	8	\$1,000		
Lodging	day	\$100	4	\$400		
Per Diem	day	\$50	4	\$200	\$1,600	
<b>Chargeable Equipment/Consumable Materials</b>						
TVA, GPS, Weather	each	\$275	4	\$1,100	\$1,100	
<b>TASK TOTAL</b>						<b>\$13,240</b>
<b>Task 2 -Reporting</b>						
<b>Task 2A - Semi-annual MRP Reporting</b>						
(Monitoring and Reporting Program Order No. R3-2008-0050)						
<b>Professional Services</b>						
Project Admin	hour	\$89	4	\$356		
Drafter	hour	\$145	4	\$580		
Staff Geologist	hour	\$120	56	\$6,720		
Project Geologist	hour	\$150	32	\$4,800		
Practice Leader	hour	\$250	14	\$3,500	\$15,956	
<b>TASK TOTAL</b>						<b>\$15,956</b>
<b>Task 2B - Title V Semi-annual Reporting</b>						
NSPS/SLOAPCD Title V report, LFG system report						
<b>Professional Services</b>						
Project Admin	hour	\$89	2	\$178		
Drafter	hour	\$145	2	\$290		
Staff Engineer	hour	\$130	22	\$2,860		
Proj Eng.	hour	\$150	4	\$600		
Practice Leader	hour	\$275	1	\$275	\$4,203	
<b>TASK TOTAL</b>						<b>\$4,203</b>
<b>Task 2C - Title V Annual Certification Report</b>						
Title V annual certification report						
<b>Professional Services</b>						
Staff Engineer	hour	\$120	10	\$1,200		
Proj Eng.	hour	\$150	2	\$300		
Practice Leader	hour	\$250	1	\$250	\$1,750	
<b>TASK TOTAL</b>						<b>\$1,750</b>
<b>Task 2D - Additional PFAS Monitoring and Reporting</b>						
Field Tech	hour	\$120	4	\$480		
Project Scientist	hour	\$150	4	\$600		
Practice Leader	hour	\$275	1	\$275	\$1,355	
<b>Chargeable Equipment/Consumable Materials</b>						
Per Location Charge	each	\$35	8	\$280	\$280	
<b>Laboratory Analysis</b>						
PFAS	each	\$302	10	\$3,020	\$3,020	
Administrative Fee (10%)					\$302	
<b>TASK TOTAL</b>						<b>\$4,957</b>

# Attachment 2

ITEM DESCRIPTION	UNIT	UNIT COST	QUAN-TITY	COST	SUB-TOTAL	TASK TOTAL	
<b>Task 3 - Optional - As-Needed Work</b>							
<b>Task 3A - Additional Surface Emissions Re-Monitoring (Optional - As-Needed)</b>							
Assumes one 10-day return monitoring event per quarter.							
<b>Professional Services</b>							
Field Technician	hour	\$120	32	\$3,840			
Staff Engineer	hour	\$130	4	\$520			
Proj Eng.	hour	\$150	4	\$600			
Practice Leader	hour	\$275	1	\$275	\$5,235		
<b>Travel</b>							
Field Vehicle (4x4)	day	\$125	4	\$500			
Lodging	day	\$100	0	\$0			
Per Diem	day	\$50	0	\$0	\$500		
<b>Chargeable Equipment/Consumable Materials</b>							
TVA, GPS, Weather	each	\$275	4	\$1,100	\$1,100		
					<b>TASK TOTAL</b>		<b>\$6,835</b>