

ATTACHMENT V

FEE PROPOSAL

Ann Arbor Landfill Monitoring and Maintenance Program FY2026 – 2027 RFP 25-16

This cost proposal has been prepared in accordance with the RFP #25-16, Section III. D, Fee Proposal. As required, this fee quotation includes the names, titles, hourly rates, overhead factors and the details, including hours of effort for each team member by task, by which the overall and project element costs have been derived. The fee quotation relates in detail to each task of the proposed work plan, including Tetra Tech suggested project elements, personnel and hours by task. If Tetra Tech is selected to be interviewed, a review of the details of the fee proposal relative to personnel costs, overhead, how the overhead rate is derived, materials and time will be discussed. Tetra Tech has developed these costs based on our experience in completing numerous monitoring and maintenance programs.

Tetra Tech understands that the City of Ann Arbor's fiscal year begins on July 1st and ends on June 30th. The fees as proposed include the total estimated cost for the project broken out by fiscal year. The budget for completing the tasks outlined in this proposal is provided in the attached **Table 1 – Labor, Analytical and Other Direct Costs**. The labor categories and associated billing rates are valid for the City of Ann Arbor's fiscal year 2026 and 2027. An explanation of how the costs were obtained is provided below.

1) Direct Labor – Overhead Rates

Tetra Tech hourly rates were derived based on actual FY25 salaries and 171.29% labor overhead as the audited multiplier. Since 2007, Tetra Tech has been able to maintain similar competitive billing rates for the primary field personnel. Please see attached document "Tetra Tech, Inc. ECS Division FS Audit 09.29.2024" as demonstration of overhead derivation.

2) Other Direct Costs (ODCs)

In addition to the labor costs incurred, Tetra Tech will invoice for all other direct costs (ODCs) for this project which are reasonable in nature and routinely direct charged to our clients. This may include, but are not limited to, the following types of costs: equipment, supplies and overnight delivery. ODCs will be billed to the City with a 10% markup.

a) Travel

Travel Costs will be minimal because Tetra Tech is in Ann Arbor, less than 3 miles from the landfill. Tetra Tech staff traveling to the site and working on the project are in the Ann Arbor Office. Therefore, not only are our travel costs minimal, but we can be flexible with any changes in schedule and/or scope and can be responsive to any last-minute issues that may arise during the project. This proposal assumes that the Tetra Tech personnel will mobilize from the Ann Arbor Office and will travel an average of 10 miles (20-miles per round trip) for each day of field work or to attend meetings. Therefore, only a daily vehicle charge will be invoiced during project related activities. Costs for personnel required for special projects that incur travel costs can be negotiated.

b) Equipment and Supplies

Equipment and supplies that will be used include, but are not limited to, sampling pumps, water quality meters, landfill gas meters, photoionization detectors (PIDs), and gloves. This proposal assumes all field work will be performed in modified Level D personal protection

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equipment (steel-toed boots, long pants, nitrile gloves, high-visibility vest, hard hat in the Materials Recycling Facility and Waste Transfer Facility).

Costs associated with travel, equipment and supplies that are anticipated to be used for the duration of the contract have been estimated and are included on the costing sheets provided in **Exhibit A**.

3) Subcontractors

Services of an analytical laboratory and/or drilling contractors will be subcontracted by Tetra Tech during the completion of the work. Subcontractor costs will be billed to the City with a 10% markup to cover costs associated with administering the procurement contracts. One drilling subcontractor, Stearns Drilling Company will be billed to the City with an 8% markup. Details of the differences are identified in the subsections below.

a) Laboratory

Laboratory services will be provided by Eurofins laboratory. Quotes were obtained from three laboratories (Eurofins, PACE and ALS Environmental) for comparison. ALS Environmental does not complete method 522 for 1,4-dioxane analysis (used on groundwater samples for a lower reporting level) and did not provide a quote for this parameter. PACE laboratory requires distribution to several laboratories to complete all required analyses. In previous contracts, PACE laboratories were used for 1,4-dioxane analysis using method 522. The laboratory is in Florida and there were many instances of delay due to severe weather and hurricane-induced evacuations that caused analytical delays and compliance issues.

Eurofins currently completes the laboratory analysis for the Ann Arbor landfill project and is familiar with the analysis needed for the groundwater and wastewater sampling. Additionally, Eurofins was selected in our quote because Eurofins can complete all groundwater and wastewater parameters required, provided the lowest costs when combining all groundwater and wastewater analysis, has a local courier to pick up samples in Ann Arbor and samples would be submitted to less laboratories overall when compared to PACE.

A copy of Eurofins's Quality Assurance Manual will be provided to the City upon request. The budget for completing the laboratory analysis outlined in this proposal is provided in the attached **Exhibit B**. Anticipated laboratory fees provided by Eurofins will be based on the fee schedules for groundwater and wastewater included as **Exhibit B**. This proposal also assumes Quality Assurance/Quality Control (QA/QC) samples will be collected and submitted for laboratory analysis in accordance with the current QA/QC program for the City of Ann Arbor landfill monitoring programs and as described in the costing sheet in **Exhibit A**.

Currently the City of Ann Arbor Water Treatment Plant completes analysis of select wastewater quarterly and annual parameters it is capable of analyzing. Tetra Tech has been coordinating and submitting select wastewater parameters to the City of Ann Arbor Water Treatment Plant currently and assumes this practice would continue for this costing. Tetra Tech has assumed that the City of Ann Arbor Water Treatment Plant lab will analyze total

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suspended solids (TSS), ammonia, total phosphorous, biochemical oxygen demand (BOD) and total dissolved solids (TDS) for the wastewater samples. If the Water Treatment Plant is capable of additional analyses, Tetra Tech can send those samples to the local laboratory for additional cost savings.

The suggested methods, laboratory detection limits and/or reporting limits that are applicable to groundwater and/or leachate monitoring will be performed in general accordance with the Part 115 Solid Waste Management and Part 201 Environmental Remediation Program, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended; the Ann Arbor Landfill Revised Hydrogeological Monitoring Plan, dated December 18, 2015 and Hydrogeologic Monitoring Plan Amendment, dated June 1, 2018; and the Industrial User Permit No. 20240615 dated June 10, 2024.

1,4-dioxane analysis by method 522 was used for the groundwater analytical costing since this method provides a lower reporting level. 1,4-dioxane analysis by method 8260 was used for the wastewater costing. This 1,4-dioxane method is in compliance with the City of Ann Arbor wastewater Industrial User Permit (IUP).

b) Drilling Contractor

Drilling services, if required, will be completed by a Tetra Tech pre-approved drilling contractor. To ensure each contractor meets Tetra Tech's high standard for health and safety, each potential contractor's accident and injury history is reviewed by our corporate Health & Safety Coordinator prior to approval. Currently, Stearns Drilling Company of Dutton, Michigan and Terra Probe of Ottawa Lake, Michigan meet Tetra Tech's high standard for health and safety and technical expertise. Estimated costs for maintenance by Stearns and daily rates from Terra Probe are included in **Exhibit B**.

Terra Probe Drilling has been included for any well installations or repairs to monitoring or observation wells that may be needed over the course of the contract due to their high-quality service and competitive pricing. Stearns Drilling has provided extraction well rehabilitation, maintenance and installation at the Ann Arbor Landfill for decades. Their historical knowledge and expertise will continue if Tetra Tech is selected. Because the maintenance costs for the extraction wells are a significant portion of the contract, Tetra Tech has included a subcontractor cost markup of 8% for Stearns Drilling.

4) Terms: Not-to-Exceed Contract

Tetra Tech understands this contract will be invoiced on a time and materials basis with ODCs and subcontractor fees not to exceed the purposed budget without written authorization from the City. Invoices will be submitted monthly.

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TABLE 1
LABOR, ANALYTICAL AND OTHER DIRECT COSTS
ANN ARBOR LANDFILL
MONITORING AND MAINTENANCE PROGRAM: FISCAL YEAR 2026-2027

Work Breakdown Structure (WBS)		Task Number	Cost - Fiscal Year: July 1, 2025 to June 30, 2026		Cost - Fiscal Year: July 1, 2026 to June 30, 2027		Total Project Cost FY 2026- 2027
CITY OF ANN ARBOR LANDFILL							
GROUNDWATER MONITORING PROGRAM		1					
Collection of Static Groundwater Levels - Semi-Annual (April & October)		1.1	\$	3,528	\$	3,528	7,056
Sample Groundwater Monitoring Wells - Semi-Annual (April & October)		1.2		14,941	\$	14,941	29,882
Perform Laboratory Analysis (April & October)		1.3	\$	7,612	\$	7,612	15,224
Review and Analysis of Results		1.4	\$	2,975	\$	2,975	5,950
Prepare and Submit Monitoring Report		1.5	\$	4,853	\$	4,853	9,706
Regulatory and/or Public Meetings		1.6	\$	5,790	\$	5,790	11,580
Update of Capture Zone Analysis		1.7	\$	-	\$	28,648	28,648
						\$	108,046
LANDFILL GAS MONITORING PROGRAM		2					
Complete Field Monitoring - Quarterly (January, April, July and October)		2.1	\$	9,394	\$	9,394	18,788
Prepare and Submit Monitoring Report		2.2	\$	6,176	\$	6,176	12,352
Regulatory and/or Public Meetings		2.3	\$	9,380	\$	9,380	18,760
Methane Gas Collection System Monitoring		2.4	\$	12,378	\$	12,378	24,756
Michigan Air Emissions Reporting System		2.5	\$	7,258	\$	7,258	14,516
Federal Greenhouse Gas Reporting		2.6	\$	4,360	\$	4,360	8,720
						\$	97,892
WASTEWATER MONITORING PROGRAM		3					
Collection of Monthly Discharge Readings		3.1	\$	22,185	\$	22,185	44,370
Collection of Quarterly Wastewater Samples		3.2	\$	7,191	\$	7,191	14,382
Perform Laboratory Analysis - 3 Quarterly & 1 Annual (April)		3.3	\$	3,981	\$	3,981	7,962
Submittal of Quarterly Reports		3.4	\$	7,199	\$	7,199	14,398
Renewal of Industrial User Permit		3.5	\$	1,804	\$	1,804	3,608
Groundwater Remediation		3.6	\$	-	\$	-	
						\$	84,720
ENVIRONMENTAL SYSTEM MAINTENANCE ACTIVITIES		4					
Evaluation of Systems - Methane Collection System*		4.1	\$	7,194	\$	7,194	14,389
Evaluation of Systems - Purge, Observation & Monitoring Wells Maintenance*		4.2	\$	54,743	\$	54,743	109,486
Evaluation of Systems - Annual Maintenance Report		4.3	\$	1,699	\$	1,699	3,398
						\$	127,272
PROJECT OVERSIGHT		5					
Landfill Field Inspection		5.1	\$	8,252	\$	8,252	16,504
Health and Safety Plan		5.2	\$	2,000	\$	2,000	4,000
Project Manager (emergency response, meetings, budgeting, invoicing, procurement, etc.)		5.3	\$	17,898	\$	17,898	35,796
Deliverables		5.4	\$	1,817	\$	1,817	3,634
						\$	59,934
ENVIRONMENTAL CONSULTING SERVICES		6	\$	-	\$	-	-
			\$	224,608	\$	253,256	
						TASK 1 - 6	\$ 477,864

* Reflects subcontractor costs for waste removal and well rehabilitation.

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TABLE 2
PERSONNEL BY TASK
Ann Arbor Landfill Monitoring and Maintenance Program FY2026 - 2027

ANN ARBOR LANDFILL PROJECT TASKS		LABOR HOURS BY TASK																																				
TASK	TASK NUMBER	Senior Principal VII	Senior Principal VI	Senior Principal V	Senior Principal IV	Senior Principal III - James Ross	Senior Principal II	Senior Principal I	Program Manager - Patti McCall	Senior Consultant IV	Senior Consultant III	Senior Consultant II - Michelle Gille	Senior Consultant I	Senior Engineer / Scientist III	Senior Engineer / Scientist II	Senior Engineer / Scientist I - Alison Rauss	Senior Engineer / Scientist I - Anna Rasmuson	Engineer / Scientist VI	Engineer / Scientist V	Engineer / Scientist IV	Engineer / Scientist III	Engineer / Scientist II	Engineer / Scientist I - Zach Pinkowski	Engineer / Scientist I	Field Staff IV	Field Staff III - Camryn Cork	Field Staff II	Field Staff I - Rachel Fischer, Tommy Maloney, Tyler Dolin	Technician IV - Jenna Herrington	Technician III	Technician II	Technician I	Financial Analyst III	Financial Analyst II	Financial Analyst I - Bridget Kiser, Mike Haynes	Field Staff I	Admin Staff II	Admin Staff I
GROUNDWATER MONITORING	1	0	0	0	0	34	0	0	48	0	0	0	0	0	0	116	112	0	0	0	0	0	0	0	0	0	0	208	188	0	0	0	0	0	26	0	0	0
PROGRAM SUBTOTAL		0	0	0	0	34	0	0	48	0	0	0	0	0	0	116	112	0	0	0	0	0	0	0	0	0	0	208	188	0	0	0	0	0	26	0	0	0
Collection of Static Groundwater Levels	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	36	32	0	0	0	0	0	0	0	0	0	
Sample Groundwater Monitoring Wells - Semi-Annual (April and October)	1.2	0	0	0	0	0	0	0	4	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	120	120	0	0	0	0	0	4	0	0	0	
Perform Laboratory Analysis (Semi-Annual))	1.3	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	
Review and Analysis of Results	1.4	0	0	0	0	0	0	0	6	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	16	12	0	0	0	0	0	0	0	0	0	
Prepare and Submit Monitoring Report	1.5	0	0	0	0	0	0	0	6	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	24	24	0	0	0	0	0	4	0	0	0	
Regulatory and/or Public Meetings	1.6	0	0	0	0	0	0	0	20	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	16	0	0	0	
Update of Capture Zone Analysis*	1.7	0	0	0	0	34	0	0	12	0	0	0	0	0	0	12	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	
LANDFILL GAS MONITORING	2	0	0	0	0	0	0	0	98	0	0	0	0	0	0	184	0	0	0	0	0	0	0	0	0	0	212	172	0	0	0	0	0	48	0	0	0	
PROGRAM SUBTOTAL		0	0	0	0	0	0	0	98	0	0	0	0	0	0	184	0	0	0	0	0	0	0	0	0	0	212	172	0	0	0	0	0	48	0	0	0	
Complete Field Monitoring - Quarterly	2.1	0	0	0	0	0	0	0	8	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	64	64	0	0	0	0	0	4	0	0	0	
Prepare and Submit Monitoring Report	2.2	0	0	0	0	0	0	0	8	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	32	32	0	0	0	0	0	8	0	0	0	
Regulatory and/or Public Meetings	2.3	0	0	0	0	0	0	0	24	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0	0	0	24	16	0	0	0	0	0	32	0	0	0	
Methane Gas Collection System Monitoring	2.4	0	0	0	0	0	0	0	6	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	72	48	0	0	0	0	0	0	0	0	0	
Michigan Air Emissions Reporting System	2.5	0	0	0	0	0	0	0	40	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	
Federal Greenhouse Gas Reporting	2.6	0	0	0	0	0	0	0	12	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	20	12	0	0	0	0	0	0	0	0	0	
WASTEWATER MONITORING	3	0	0	0	0	0	0	0	44	0	0	0	0	0	0	176	0	0	0	0	0	0	0	0	0	0	220	208	0	0	0	0	0	18	0	0	0	
PROGRAM SUBTOTAL		0	0	0	0	0	0	0	44	0	0	0	0	0	0	176	0	0	0	0	0	0	0	0	0	0	220	208	0	0	0	0	0	18	0	0	0	
Collection of Monthly Discharge Readings	3.1	0	0	0	0	0	0	0	24	0	0	0	0	0	0	120	0	0	0	0	0	0	0	0	0	0	120	120	0	0	0	0	0	0	0	0	0	
Collection of Quarterly Wastewater Samples	3.2	0	0	0	0	0	0	0	4	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	48	48	0	0	0	0	0	4	0	0	0	
Perform Laboratory Analysis (Quarterly)	3.3	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		
Submittal of Quarterly Reports	3.4	0	0	0	0	0	0	0	10	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	40	40	0	0	0	0	0	12	0	0	0	
Renewal of Industrial User Permit	3.5	0	0	0	0	0	0	0	6	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	2	0	0	0		
Groundwater Remediation	3.6	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		
ENVIRONMENTAL SYSTEM MAINTENANCE ACTIVITIES	4	0	0	0	0	0	0	0	18	0	0	0	0	0	0	20	0	0	0	0	0	0	44	0	0	4	0	64	56	0	0	0	0	0	8	0	0	0
SUBTOTAL		0	0	0	0	0	0	0	18	0	0	0	0	0	0	20	0	0	0	0	0	0	44	0	0	4	0	64	56	0	0	0	0	0	8	0	0	0
Evaluation of Systems - Methane Collection System	4.1	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	4	0	16	24	0	0	0	0	0	2	0	0	0	
Evaluation of Systems - Purge, Observation & Monitoring Wells Maintenance	4.2	0	0	0	0	0	0	0	8	0	0	0	0	0	0	16	0	0	0	0	0	32	0	0	0	32	32	0	0	0	0	0	0	4	0	0	0	
Evaluation of Systems - Annual Maintenance Report	4.3	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	0	0	0	0	0	4	0	0	0	16	0	0	0	0	0	0	0	2	0	0	0	
PROJECT ADMINISTRATION AND OVERSIGHT	5	0	0	0	0	0	0	0	72	0	0	4	0	0	0	180	0	0	0	0	0	0	0	0	0	0	144	16	0	0	0	0	0	30	0	0	0	
SUBTOTAL		0	0	0	0	0	0	0	72	0	0	4	0	0	0	180	0	0	0	0	0	0	0	0	0	0	144	16	0	0	0	0	0	30	0	0	0	
Landfill Inspection	5.1	0	0	0	0	0	0	0	8	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	128	0	0	0	0	0	0	0	0	0	0	
Health and Safety Plan	5.2	0	0	0	0	0	0	0	4	0	0	4	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	
Project Manager	5.3	0	0	0	0	0	0	0	60	0	0	0	0	0	0	144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	
Deliverables	5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	6	0	0	0		
ENVIRONMENTAL CONSULTING SERVICES	6	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	
SUBTOTAL		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	

*Task 1.7 services will be performed in only the second year of the contract period.
The hours above are totals for 2 year period (FY2026 - 2027).

Exhibit A - Costing Sheets by Task



Project Personnel Rates and Labor Categories

Task Description	Quantity	Rate	Consultant Labor	Subcontractor/Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	\$0.00
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	\$0.00
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	\$0.00
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	\$0.00
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	\$0.00
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	\$0.00
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	\$0.00
-Program Manager (PJM)	0	hours @ \$205.00	\$0.00	-	\$0.00
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	\$0.00
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	\$0.00
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	\$0.00
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	\$0.00
-Senior Engineer / Scientist III	0	hours @ \$160.00	\$0.00	-	\$0.00
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	\$0.00
-Senior Engineer / Scientist II (ADR)	0	hours @ \$150.00	\$0.00	-	\$0.00
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	\$0.00
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	\$0.00
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	\$0.00
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	\$0.00
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	\$0.00
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	\$0.00
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	\$0.00
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	\$0.00
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	\$0.00
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	\$0.00
-Field Staff II	0	hours @ \$90.00	\$0.00	-	\$0.00
-Field Staff I (RMF, TVM, TSD)	0	hours @ \$85.00	\$0.00	-	\$0.00
-Technician IV (JMH)	0	hours @ \$80.00	\$0.00	-	\$0.00
-Technician III	0	hours @ \$75.00	\$0.00	-	\$0.00
-Technician II	0	hours @ \$70.00	\$0.00	-	\$0.00
-Technician I	0	hours @ \$65.00	\$0.00	-	\$0.00
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	\$0.00
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	\$0.00
-Financial Analyst I (BLK, MH)	0	hours @ \$79.00	\$0.00	-	\$0.00

Project Personnel Include the following staff:

JR	James Ross
PJM	Patti McCall
MG	Michelle Gillie
ADR	Alison Rauss
AR	Anna Rasmuson
ZMP	Zach Pinkowski
CJC	Camryn Cork
RMF, TVM, TSD	Rachel Fischer, Tommy Maloney, Tyler Dolin
JMH	Jenna Herrington
BLK, MH	Bridget Kiser, Mike Haynes

**TASK 1.1: GROUNDWATER MONITORING PROGRAM - Collection of Static Groundwater Levels
Semi-Annual (April & October)**

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	0	hours @ \$205.00	\$0.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	1	hours @ \$150.00	\$150.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	9	hours @ \$85.00	\$765.00	-	
-Technician IV (JMH)	8	hours @ \$80.00	\$640.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	0	hours @ \$79.00	\$0.00	-	

- Driller/Contractor 1-	\$0.00
- Driller/Contractor 2	\$0.00
- Driller/Contractor 3	\$0.00
- Disbursements (List out; attach separate sheet for backup)	\$190.00
- Analytical (see Unit Pricing Sheet)	\$0.00

SUBTOTAL **\$1,555.00 \$190.00 \$1,764.00**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 2 SWL per fiscal year	\$3,528.00
July 1, 2026 to June 30, 2027 - 2 SWL per fiscal year	\$3,528.00

Disbursements				
Item	Rate/Unit	Days	Cost	
Truck	90	1	90	-All wells are accessible and gauged
WL Ind. (day)	15	1	15	-Measurements will be completed in
PID (day)	150	0	0	April and October of each year per the HMP.
WQ Meter w/ Flow Through Cell (day)	210	0	0	
Disp. Gloves (100)	35	1	35	
Tubing	15	0	0	
Low flow pump	35	0	0	
Misc: ice, DI water	50	1	50	
Landfill gas Meter	265	0	0	
Total			\$ 190.00	

Task 1.2: GROUNDWATER MONITORING PROGRAM - Sample Groundwater Monitoring Wells Semi-Annual (April & October)

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
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-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	1	hours @ \$205.00	\$205.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	6	hours @ \$150.00	\$900.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	30	hours @ \$85.00	\$2,550.00	-	
-Technician IV (JMH)	30	hours @ \$80.00	\$2,400.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	1	hours @ \$79.00	\$79.00	-	

- Driller/Contractor 1-
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$1,215.00
\$0.00

SUBTOTAL

\$6,134.00	\$1,215.00	\$7,470.50
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ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 2 SWL per fiscal year	\$14,941.00
July 1, 2026 to June 30, 2027 - 2 SWL per fiscal year	\$14,941.00

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	3	270
WL Ind. (day)	15	3	45
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	3	630
Disp. Gloves (100)	35	2	70
Tubing (per 50-feet vinyl 3/8" OD)	15	3	45
Low-Flow Pump	35	3	105
Misc: ice, DI water	50	1	50
Landfill gas Meter	265	0	0
Total			\$ 1,215.00

- Peristaltic pump will be used on wells
- 21 wells sampled per event
- Semi-annual events occur in April and October
- Includes preparation, bottle order, securing and dropping bottles from City of AA laboratory, etc.

TASK 1.3: GROUNDWATER MONITORING PROGRAM - Perform Laboratory Analysis (Cost Comparison)

Eurofins				
Semi Annual - April				
Groundwater	VOCs	15	\$ 68.00	\$ 1,020.00
QA/QC	VOCs	2	\$ 68.00	\$ 136.00
Sample Disposal		17	\$ 3.00	\$ 51.00
			\$ -	\$ -
SUBTOTAL:			\$ 1,207.00	
Tt 10%			\$ 120.70	
Proposed Total - 1 semi-annual (April) event			\$ 1,327.70	

Eurofins				
Semi Annual - October				
Groundwater	VOCs	15	\$ 68.00	\$ 1,020.00
QA/QC	VOCs	2	\$ 68.00	\$ 136.00
Sample Disposal		17	\$ 3.00	\$ 51.00
			\$ -	\$ -
SUBTOTAL:			\$ 1,207.00	
Tt 10%			\$ 120.70	
Proposed Total - 1 semi-annual (Oct) event			\$ 1,327.70	

Eurofins	
Lab total 1st year no 1,4-D	\$ 2,655.40
Lab total 2nd year no 1,4-D	\$ 2,655.40

1,4-Dioxane (Method 522 Analysis)

Eurofins				
Semi Annual - April				
Groundwater	1,4-dioxane	11	\$ 186.00	\$ 2,046.00
QA/QC	1,4-dioxane	1	\$ 186.00	\$ 186.00
Sample Disposal		7	\$ 3.00	\$ 21.00
SUBTOTAL:			\$ 2,253.00	
Tt 10%			\$ 225.30	
Proposed Total - 1 semi-annual (April) event			\$ 2,478.30	

Eurofins				
Semi Annual - October				
Groundwater	1,4-dioxane	11	\$ 186.00	\$ 2,046.00
QA/QC	1,4-dioxane	1	\$ 186.00	\$ 186.00
Sample Disposal		7	\$ 3.00	\$ 21.00
SUBTOTAL:			\$ 2,253.00	
Tt 10%			\$ 225.30	
Proposed Total - 1 semi-annual (October) event			\$ 2,478.30	

Lab total 1st year only 1,4-D	\$ 4,956.60
Lab total 2nd year only 1,4-D	\$ 4,956.60

Lab Total 1st year	\$ 7,612.00
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Lab Total 2nd year	\$ 7,612.00
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PACE				
Semi Annual - April				
Groundwater	VOCs	15	\$ 75.00	\$ 1,125.00
QA/QC	VOCs	2	\$ 75.00	\$ 150.00
Sample Disposal		17	\$ 9.00	\$ 153.00
Environmental Impact Fee (per invoice)		1	\$ 33.00	\$ 33.00
SUBTOTAL:			\$ 1,461.00	
Tt 10%			\$ 146.10	
Proposed Total - 1 semi-annual (April) event			\$ 1,607.10	

PACE				
Semi Annual - October				
Groundwater	VOCs	15	\$ 75.00	\$ 1,125.00
QA/QC	VOCs	2	\$ 75.00	\$ 150.00
Sample Disposal		17	\$ 9.00	\$ 153.00
Environmental Impact Fee (per invoice)		1	\$ 33.00	\$ 33.00
SUBTOTAL:			\$ 1,461.00	
Tt 10%			\$ 146.10	
Proposed Total - 1 semi-annual (Oct) event			\$ 1,607.10	

PACE	
Lab total 1st year no 1,4-D	\$ 3,214.20
Lab total 2nd year no 1,4-D	\$ 3,214.20

1,4-Dioxane (Method 522 Analysis)

PACE				
Semi Annual - April				
Groundwater	1,4-dioxane	11	\$ 150.00	\$ 1,650.00
QA/QC	1,4-dioxane	1	\$ 150.00	\$ 150.00
Sample Disposal		7	\$ 9.00	\$ 63.00
SUBTOTAL:			\$ 1,863.00	
Tt 10%			\$ 186.30	
Proposed Total - 1 semi-annual (April) event			\$ 2,049.30	

PACE				
Semi Annual - October				
Groundwater	1,4-dioxane	11	\$ 150.00	\$ 1,650.00
QA/QC	1,4-dioxane	1	\$ 150.00	\$ 150.00
Sample Disposal		7	\$ 9.00	\$ 63.00
SUBTOTAL:			\$ 1,863.00	
Tt 10%			\$ 186.30	
Proposed Total - 1 semi-annual (October) event			\$ 2,049.30	

Lab total 1st year only 1,4-D	\$ 4,098.60
Lab total 2nd year only 1,4-D	\$ 4,098.60

Lab Total 1st year	\$ 7,312.80
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Lab Total 2nd year	\$ 7,312.80
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ALS w/o 1,4-D				
Semi Annual - April				
TAT: 10 -d				
Groundwater	VOCs	15	\$ 75.00	\$ 1,125.00
QA/QC	VOCs	2	\$ 75.00	\$ 150.00
Sustainability Fee		1	\$ 50.00	\$ 50.00
			\$ -	\$ -
SUBTOTAL:			\$ 1,325.00	
Tt 10%			\$ 132.50	
Proposed Total - 1 semi-annual (April) event			\$ 1,457.50	

ALS w/o 1,4-D				
Semi Annual - October				
Groundwater	VOCs	15	\$ 75.00	\$ 1,125.00
QA/QC	VOCs	2	\$ 75.00	\$ 150.00
Sustainability Fee		1	\$ 50.00	\$ 50.00
			\$ -	\$ -
SUBTOTAL:			\$ 1,325.00	
Tt 10%			\$ 132.50	
Proposed Total - 1 semi-annual (Oct) event			\$ 1,457.50	

ALS w/o 1,4-D	
Lab total 1st year no 1,4-D	\$ 2,915.00
Lab total 2nd year no 1,4-D	\$ 2,915.00

ALS no 1,4-D bid

1,4-Dioxane (Method 522 Analysis)

Eurofins				
Semi Annual - April				
Groundwater	1,4-dioxane	11	\$ 186.00	\$ 2,046.00
QA/QC	1,4-dioxane	1	\$ 186.00	\$ 186.00
Sample Disposal		7	\$ 3.00	\$ 21.00
SUBTOTAL:			\$ 2,253.00	
Tt 10%			\$ 225.30	
Proposed Total - 1 semi-annual (April) event			\$ 2,365.65	

Eurofins				
Semi Annual - October				
Groundwater	1,4-dioxane	11	\$ 186.00	\$ 2,046.00
QA/QC	1,4-dioxane	1	\$ 186.00	\$ 186.00
Sample Disposal		7	\$ 3.00	\$ 21.00
SUBTOTAL:			\$ 2,253.00	
Tt 10%			\$ 225.30	
Proposed Total - 1 semi-annual (October) event			\$ 2,478.30	

Lab total 1st year only 1,4-D	\$ 4,843.95
Lab total 2nd year only 1,4-D	\$ 4,843.95

Lab Total 1st year	\$ 7,758.95
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Lab Total 2nd year	\$ 7,758.95
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Notes:

QA/QC samples include:

(1) VOC trip blank per sampling event

(1) 1,4-dioxane trip blank per sampling event

(1) VOC field blank per annual sampling event

All laboratories have a 10-day standard turn around time.

Additional notes on laboratory quotes and costs are included in the fee proposal summary document.

Pace

Pace charges an environmental impact fee of \$33 per invoice. This is included in VOC section.

Pace charges a sample disposal fee of \$9 per sample. If well is analyzed for VOCs and 1,4-dioxane, the cost is included in the VOC section. For wells that are only analyzed for 1,4-dioxane, the cost is included in the 1,4-dioxane section.

Pace provides shipping labels and return shipping is covered.

ALS

ALS cannot preform/did not provide costs for 1,4-dioxane Method 522 analysis.

Eurofins 1,4-dioxane costs were included in Pace column for cost comparison above.

ALS charges a sustainability fee of \$50 to each work order. This is included in VOC section.

ALS requires a minimum invoice fee of \$100 for each work order. It is assumed groundwater invoices will all exceed \$100 for costs above.

Eurofins

Eurofins charges a sample disposal fee of \$3 per sample. If well is analyzed for VOCs and 1,4-dioxane, the cost is included in the VOC section. For wells that are only analyzed for 1,4-dioxane, the cost is included in the 1,4-dioxane section.

Task 1.4: GROUNDWATER MONITORING PROGRAM - Review and Analysis of Results

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	1.5	hours @ \$205.00	\$307.50	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	4	hours @ \$150.00	\$600.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	4	hours @ \$85.00	\$340.00	-	
-Technician IV (JMH)	3	hours @ \$80.00	\$240.00	-	
-Technician III	0	hours @ \$75.00	\$0.00		
-Technician II	0	hours @ \$70.00	\$0.00		
-Technician I	0	hours @ \$65.00	\$0.00		
-Financial Analyst III	0	hours @ \$89.00	\$0.00		
-Financial Analyst II	0	hours @ \$84.00	\$0.00		
-Financial Analyst I (BLK, MH)	0	hours @ \$79.00	\$0.00		

- Driller/Contractor 1-
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

SUBTOTAL \$1,487.50 \$0.00 **\$1,487.50**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 2 per fiscal year \$2,975.00
July 1, 2026 to June 30, 2027 - 2 per fiscal year \$2,975.00

Disbursements Item	Rate/Unit	Days	Cost	
Truck	90	0	0	-QC analytical results from lab
WL Ind. (day)	15	0	0	-data entry into spreadsheets
PID (day)	150	0	0	-QC data entry into spreadsheets
WQ w/ Flow Through Cell (day)	210	0	0	-Prepare iso-concentration maps
Disp. Gloves (100)	35	0	0	-Prepare groundwater flow maps - Upper aquifer
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0	-evaluate all of the above
Low-Flow Pump	35	0	0	-Groundwater reports are due 30 days after the quarter end (July 30 and January 30) and will begin being drafted following receipt of the laboratory data.
Misc: ice, DI water	50	0	0	
Landfill gas Meter	265	0	0	
Total			0	

Task 1.5: GROUNDWATER MONITORING PROGRAM - Prepare and Submit Monitoring Report

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
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-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	1.5	hours @ \$205.00	\$307.50	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	7	hours @ \$150.00	\$1,050.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	6	hours @ \$85.00	\$510.00	-	
-Technician IV (JMH)	6	hours @ \$80.00	\$480.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	1	hours @ \$79.00	\$79.00	-	

- Driller/Contractor 1-

- Driller/Contractor 2

- Driller/Contractor 3

- Disbursements (List out; attach separate sheet for backup)

- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

SUBTOTAL

\$2,426.50	\$0.00	\$2,426.50
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ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 2 per fiscal year	\$4,853.00
July 1, 2026 to June 30, 2027 - 2 per fiscal year	\$4,853.00

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	0	0
WL Ind. (day)	15	0	0
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	0	0
Disp. Gloves (100)	35	0	0
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0
Low-Flow Pump	35	0	0
Misc: DI Water, Ice, etc.(event)	50	0	0
Landfill gas Meter	265	0	0
Total			0

-Data entry is complete; minimal revisions required

-Figures are complete and minimal revisions required

-Data entry has been completed and is accurate

-Prepare electronic report copies only for City

-Prepare report for EGLE submittal in accordance with electronic storage guidelines

-Meetings to review report are included under Task 5.3

-Groundwater reports are due 30 days after the quarter

Task 1.6: GROUNDWATER MONITORING PROGRAM - Regulatory and/or Public Meetings

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	5	hours @ \$205.00	\$1,025.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	8	hours @ \$150.00	\$1,200.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	3	hours @ \$85.00	\$255.00	-	
-Technician IV (JMH)	0	hours @ \$80.00	\$0.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	4	hours @ \$79.00	\$316.00	-	

- Driller/Contractor 1-	\$0.00
- Driller/Contractor 2	\$0.00
- Driller/Contractor 3	\$0.00
- Disbursements (List out; attach separate sheet for backup)	\$90.00
- Analytical (see Unit Pricing Sheet)	\$0.00

SUBTOTAL \$2,796.00 \$90.00 **\$2,895.00**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 2 per fiscal year **\$5,790.00**
July 1, 2026 to June 30, 2027 - 2 per fiscal year **\$5,790.00**

Disbursements Item	Rate/Unit	Days	Cost	
Truck	90	1	90	-Attendance at two meetings per fiscal year
WL Ind. (day)	15	0	0	-Preparation of meeting agenda
PID (day)	150	0	0	-Graphical representation of data
WQ w/ Flow Through Cell (day)	210	0	0	-Meeting minutes
Disp. Gloves (100)	35	0	0	-These will be scheduled at the request of the City.
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0	
Low-Flow Pump	35	0	0	
Misc: DI Water, Ice, etc.(event)	50	0	0	
Landfill gas Meter	265	0	0	
Total			\$ 90.00	

TASK 1.7: GROUNDWATER MONITORING PROGRAM - Update of Capture Zone Analysis

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	34	hours @ \$235.00	\$7,990.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	12	hours @ \$205.00	\$2,460.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	12	hours @ \$150.00	\$1,800.00	-	
-Senior Engineer / Scientist I (AR)	112	hours @ \$145.00	\$16,240.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	0	hours @ \$85.00	\$0.00	-	
-Technician IV (JMH)	0	hours @ \$80.00	\$0.00	-	
-Technician III	0	hours @ \$75.00	\$0.00		
-Technician II	0	hours @ \$70.00	\$0.00		
-Technician I	0	hours @ \$65.00	\$0.00		
-Financial Analyst III	0	hours @ \$89.00	\$0.00		
-Financial Analyst II	0	hours @ \$84.00	\$0.00		
-Financial Analyst I (BLK, MH)	2	hours @ \$79.00	\$158.00		

- Driller/Contractor 1-	\$0.00
- Driller/Contractor 2 -	\$0.00
- Driller/Contractor 3 -	\$0.00
- Disbursements (List out; attach separate sheet for backup)	\$0.00
- Analytical (see Unit Pricing Sheet)	\$0.00

SUBTOTAL \$28,648.00 \$0.00 **\$28,648.00**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 0 per fiscal year **\$0.00**
July 1, 2026 to June 30, 2027 - 1 per fiscal year **\$28,648.00**

Disbursements

Item	Rate/Unit	Days	Cost	-Includes costs for updating CZA
Truck	90	0	0	
WL Ind. (day)	15	0	0	
PID (day)	150	0	0	
WQ w/ Flow Through Cell (day)	210	0	0	
Disp. Gloves (100)	35	0	0	
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0	
Low-Flow Pump	35	0	0	
Misc: DI Water, Ice, etc. (event)	50	0	0	
Landfill gas Meter	265	0	0	
Total			0	

TASK 2.1: LANDFILL GAS MONITORING PROGRAM - Complete Field Monitoring Quarterly (January, April, July & October)

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	1	hours @ \$205.00	\$205.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	2	hours @ \$150.00	\$300.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	8	hours @ \$85.00	\$680.00	-	
-Technician IV (JMH)	8	hours @ \$80.00	\$640.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	0.5	hours @ \$79.00	\$39.50	-	

- Driller/Contractor 1-
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$440.00
\$0.00

SUBTOTAL

\$1,864.50 \$440.00 **\$2,348.50**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 4 per fiscal year \$9,394.00
 July 1, 2026 to June 30, 2027 - 4 per fiscal year \$9,394.00

Disbursements

Item	Rate/Unit	Days	Cost	
Truck	90	1	90	-Quarterly events occur in January and July
WL Ind. (day)	15	0	0	-Semi-annual events occur in April and October
PID (day)	150	0	0	-If a detection occurs during a quarterly event, an expanded monitoring survey will occur
WQ w/ Flow Through Cell (day)	210	0	0	
Disp. Gloves (100)	35	1	35	-If a detection occurs in excess of regulation, the EGLE will be notified
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0	
Low-Flow Pump	35	0	0	
Misc: DI Water, Ice, etc.(event)	50	1	50	
Landfill gas Meter	265	1	265	
Total			\$ 440.00	

TASK 2.2: LANDFILL GAS MONITORING PROGRAM - Prepare and Submit Monitoring Report

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	1	hours @ \$205.00	\$205.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	4	hours @ \$150.00	\$600.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	4	hours @ \$85.00	\$340.00	-	
-Technician IV (JMH)	4	hours @ \$80.00	\$320.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	1	hours @ \$79.00	\$79.00	-	

- Driller/Contractor 1-
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

SUBTOTAL

\$1,544.00 \$0.00 \$1,544.00

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 4 per fiscal year \$6,176.00
 July 1, 2026 to June 30, 2027 - 4 per fiscal year \$6,176.00

Disbursements

Item	Rate/Unit	Days	Cost	
Truck	90	0	0	-Prepare electronic report copies only for City
WL Ind. (day)	15	0	0	-Prepare report for EGLE submittal in accordance with
PID (day)	150	0	0	electronic submittal guidelines
WQ w/ Flow Through Cell (day)	210	0	0	-table and figure preparation
Disp. Gloves (100)	35	0	0	-meetings to review report are included under Task 5.3
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0	-weekly city inspections (MCC) impacting gas
Low-Flow Pump	35	0	0	monitoring program will be included as necessary
Misc: DI Water, Ice, etc.(event)	50	0	0	-Reports are due to EGLE 30 days after quarter end
Landfill gas Meter	265	0	0	
Total			0	

TASK 2.3: LANDFILL GAS MONITORING PROGRAM - Regulatory and/or Public Meetings

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	3	hours @ \$205.00	\$615.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	6	hours @ \$150.00	\$900.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	3	hours @ \$85.00	\$255.00	-	
-Technician IV (JMH)	2	hours @ \$80.00	\$160.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	4	hours @ \$79.00	\$316.00	-	

- Driller/Contractor 1-	\$0.00
- Driller/Contractor 2	\$0.00
- Driller/Contractor 3	\$0.00
- Disbursements (List out; attach separate sheet for backup)	\$90.00
- Analytical (see Unit Pricing Sheet)	\$0.00

SUBTOTAL \$2,246.00 \$90.00 **\$2,345.00**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 4 per fiscal year	\$9,380.00
July 1, 2026 to June 30, 2027 - 4 per fiscal year	\$9,380.00

Disbursements

Item	Rate/Unit	Days	Cost	
Truck	90	1	90	-4 meetings/per year (per RFP)
WL Ind. (day)	15	0	0	-Preparation of meeting agenda
PID (day)	150	0	0	-Graphical representation of data
WQ w/ Flow Through Cell (day)	210	0	0	-Meeting minutes
Disp. Gloves (100)	35	0	0	-To be held at the City's request
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0	
Low-Flow Pump	35	0	0	
Misc: DI Water, Ice, etc.(event)	50	0	0	
Landfill gas Meter	265	0	0	
Total			\$ 90.00	

TASK 2.4: LANDFILL GAS MONITORING PROGRAM - Methane Gas Collection System Monitoring (Monthly)

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	0.25	hours @ \$205.00	\$51.25	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	1	hours @ \$150.00	\$150.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	3	hours @ \$85.00	\$255.00	-	
-Technician IV (JMH)	2	hours @ \$80.00	\$160.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	0	hours @ \$79.00	\$0.00	-	

- Driller/Contractor 1-
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$377.50
\$0.00

SUBTOTAL

\$616.25 \$377.50 **\$1,031.50**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 12 per fiscal year \$12,378.00
July 1, 2026 to June 30, 2027 - 12 per fiscal year \$12,378.00

Disbursements

Item	Rate/Unit	Days	Cost	
Truck	90	0.5	45	-System is currently off, costs are included per RFP
WL Ind. (day)	15	0	0	-When operational, monthly operation and maintenance of methane gas collection system is completed
PID (day)	150	0	0	
WQ w/ Flow Through Cell (day)	210	0	0	
Disp. Gloves (100)	35	0.5	17.5	-Costs are included for 12 months/year
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0	
Low-Flow Pump	35	0	0	
Misc: fuses, parts for small repairs	50	1	50	
Landfill gas Meter	265	1	265	
Total			\$377.50	

Task 2.5: LANDFILL GAS MONITORING PROGRAM - Michigan Air Emissions Reporting System

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	20	hours @ \$205.00	\$4,100.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	20	hours @ \$150.00	\$3,000.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	0	hours @ \$85.00	\$0.00	-	
-Technician IV (JMH)	0	hours @ \$80.00	\$0.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	2	hours @ \$79.00	\$158.00	-	

- Driller/Contractor 1-
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

SUBTOTAL \$7,258.00 \$0.00 **\$7,258.00**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 1 per fiscal year **\$7,258.00**
 July 1, 2026 to June 30, 2027 - 1 per fiscal year **\$7,258.00**

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	0	0
WL Ind. (day)	15	0	0
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	0	0
Disp. Gloves (100)	35	0	0
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0
Low-Flow Pump	35	0	0
Misc: DI Water, Ice, etc.(event)	50	0	0
Landfill Gas Meter	265	0	0
Total			0

- database previously generated by Tetra Tech and the City is accessible
- one meeting with City personnel prior to submittal
- Assumes there are no changes to the Federal reporting system for Municipal Solid Waste Landfills; and that MAERS reporting is not required. Costs included per RFP.
- Data is generally due by 3/31 each year.

Task 2.6: Federal Greenhouse Gas Reporting

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
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-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	6	hours @ \$205.00	\$1,230.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	12	hours @ \$150.00	\$1,800.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	10	hours @ \$85.00	\$850.00	-	
-Technician IV (JMH)	6	hours @ \$80.00	\$480.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	0	hours @ \$79.00	\$0.00	-	

- Driller/Contractor 1-	\$0.00
- Driller/Contractor 2	\$0.00
- Driller/Contractor 3	\$0.00
- Disbursements (List out; attach separate sheet for backup)	\$0.00
- Analytical (see Unit Pricing Sheet)	\$0.00

SUBTOTAL	\$4,360.00	\$0.00	\$4,360.00
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ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 1 per fiscal year	\$4,360.00
July 1, 2026 to June 30, 2027 - 1 per fiscal year	\$4,360.00

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	0	0
WL Ind. (day)	15	0	0
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	0	0
Disp. Gloves (100)	35	0	0
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0
Low-Flow Pump	35	0	0
Misc: DI Water, Ice, etc.(event)	50	0	0
Landfill Gas Meter	265	0	0
Total			0

-database previously generated by Tetra Tech and the City is accessible

-reporting requirements FY 2026 and 2027 are similar to FY 2024

-one meeting with City personnel prior to submittal

-Includes monthly site visits to record measurements from the Aria system

-Assumes there are no changes to the Federal reporting system for Municipal Solid Waste Landfills

-Data is generally due by 3/31 each year, however it was due in May for reporting year 2024.

TASK 3.1: WASTEWATER MONITORING PROGRAM - Collection of Monthly Discharge Readings

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
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-Senior Principal VII	0	hours @	\$275.00	\$0.00	-
-Senior Principal VI	0	hours @	\$265.00	\$0.00	-
-Senior Principal V	0	hours @	\$255.00	\$0.00	-
-Senior Principal IV	0	hours @	\$245.00	\$0.00	-
-Senior Principal III (JR)	0	hours @	\$235.00	\$0.00	-
-Senior Principal II	0	hours @	\$225.00	\$0.00	-
-Senior Principal I	0	hours @	\$215.00	\$0.00	-
-Program Manager (PJM)	1	hours @	\$205.00	\$205.00	-
-Senior Consultant IV	0	hours @	\$195.00	\$0.00	-
-Senior Consultant III	0	hours @	\$185.00	\$0.00	-
-Senior Consultant II (MG)	0	hours @	\$175.00	\$0.00	-
-Senior Consultant I	0	hours @	\$165.00	\$0.00	-
-Senior Engineer / Scientist IIII	0	hours @	\$160.00	\$0.00	-
-Senior Engineer / Scientist III	0	hours @	\$155.00	\$0.00	-
-Senior Engineer / Scientist II (ADR)	5	hours @	\$150.00	\$750.00	-
-Senior Engineer / Scientist I (AR)	0	hours @	\$145.00	\$0.00	-
-Engineer / Scientist VI	0	hours @	\$140.00	\$0.00	-
-Engineer / Scientist V	0	hours @	\$135.00	\$0.00	-
-Engineer / Scientist IV	0	hours @	\$130.00	\$0.00	-
-Engineer / Scientist III	0	hours @	\$125.00	\$0.00	-
-Engineer / Scientist II	0	hours @	\$120.00	\$0.00	-
-Engineer / Scientist II (ZMP)	0	hours @	\$115.00	\$0.00	-
-Engineer / Scientist I	0	hours @	\$110.00	\$0.00	-
-Field Staff IV	0	hours @	\$100.00	\$0.00	-
-Field Staff III (CJC)	0	hours @	\$95.00	\$0.00	-
-Field Staff II	0	hours @	\$90.00	\$0.00	-
-Field Staff I (RMF, TVM, TSD)	5	hours @	\$85.00	\$425.00	-
-Technician IV (JMH)	5	hours @	\$80.00	\$400.00	-
-Technician III	0	hours @	\$75.00	\$0.00	-
-Technician II	0	hours @	\$70.00	\$0.00	-
-Technician I	0	hours @	\$65.00	\$0.00	-
-Financial Analyst III	0	hours @	\$89.00	\$0.00	-
-Financial Analyst II	0	hours @	\$84.00	\$0.00	-
-Financial Analyst I (BLK, MH)	0	hours @	\$79.00	\$0.00	-

- Driller/Contractor 1
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$62.50
\$0.00

SUBTOTAL

\$1,780.00	\$62.50	\$1,842.50
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ASSUMPTIONS

July 1, 202 5to June 30, 2026 - 12 per fiscal year	\$22,185.00
July 1, 2026 to June 30, 2027 - 12 per fiscal year	\$22,185.00

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	0.5	45
WL Ind. (day)	15	0	0
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	0	0
Disp. Gloves (100)	35	0.5	17.5
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0
Low-Flow Pump	35	0	0
Misc: DI Water, Ice, etc.(event)	50	0	0
Landfill gas Meter	265	0	0
Total			\$ 62.50

-Monthly events are included for each year.
-Reports are due to City of AA WTP for IUP and EGLE
30 days after quarter end (January 30, April 30, July 30,
and October 30)

TASK 3.2: WASTEWATER MONITORING PROGRAM - Collection of Quarterly Wastewater Samples (January, April, July, October)

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	0.5	hours @ \$205.00	\$102.50	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	2	hours @ \$150.00	\$300.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	6	hours @ \$85.00	\$510.00	-	
-Technician IV (JMH)	6	hours @ \$80.00	\$480.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	0.5	hours @ \$79.00	\$39.50	-	

- Driller/Contractor 1-
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$332.50
\$0.00

SUBTOTAL

\$1,432.00 \$332.50 **\$1,797.75**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 4 per fiscal year \$7,191.00
 July 1, 2026 to June 30, 2027 - 4 per fiscal year \$7,191.00

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	1	90
WL Ind. (day)	15	0	0
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	1	210
Disp. Gloves (100)	35	0.5	17.5
Tubing (per 50-feet vinyl 3/8" OD)	15	1	15
Low-Flow Pump	35	0	0
Misc. DI Water, Ice, etc. (event)	50	0	0
Landfill gas Meter	265	0	0
Total	Equipment		332.5

-Based on current permit, 2 locations (PW-1R-12 and PW-3R-12) are sampled quarterly for wastewater parameters
 - Annual wastewater parameters sampled in April
 -Quarterly events are January, July and October

TASK 3.3: WASTEWATER MONITORING PROGRAM - Perform Laboratory Analysis (Cost Comparison)

Eurofins					
Quarterly - January, July & October					
Wastewater	Ammonia	2	\$	27.00	\$ 54.00
	Vinyl Chloride	2	\$	62.00	\$ 124.00
	1,4-dioxane (8260)	2	\$	61.00	\$ 122.00
	Total Phosphorous	1	\$	27.00	\$ 27.00
	Vinyl Chloride	1	\$	62.00	\$ 62.00
QA/QC	Vinyl Chloride	1	\$	61.00	\$ 61.00
QA/QC	1,4-dioxane (8260)	2	\$	3.00	\$ 6.00
Sample Disposal		1			\$ -
SUBTOTAL:				\$	456.00
Tt 10%				\$	45.60
Total - Proposed Lab Costs				\$	501.60
Total - Proposed Lab Costs w/o City parameters				\$	412.60

Eurofins					
Annual - April					
Wastewater	COD	2	\$	21.00	\$ 42.00
	TSS	2	\$	14.00	\$ 28.00
	FOG	2	\$	48.00	\$ 96.00
	Non-polar FOG (included above)	2	\$	-	\$ -
	Ammonia	2	\$	27.00	\$ 54.00
	TKN	2	\$	30.00	\$ 60.00
	Cyanide, total	2	\$	28.00	\$ 56.00
	Cyanide, available	2	\$	65.00	\$ 130.00
	Total Phenols	2	\$	37.00	\$ 74.00
	Total Phosphorous	2	\$	27.00	\$ 54.00
	BOD	2	\$	32.00	\$ 64.00
	Total Metals*	2	\$	106.00	\$ 212.00
	VOCs + TICs	2	\$	62.00	\$ 124.00
	SVOCs + TICs	2	\$	151.00	\$ 302.00
	PCBs	2	\$	59.00	\$ 118.00
	TDS	2	\$	14.00	\$ 28.00
	Pesticides	2	\$	90.00	\$ 180.00
	2,3,7,8-TCDD (dioxin screen)	2	\$	64.00	\$ 128.00
	PFAS**	2	\$	325.00	\$ 650.00
	1,4-dioxane (8260)	2	\$	61.00	\$ 122.00
	VOCs	2	\$	62.00	\$ 124.00
	1,4-dioxane (8260)	1	\$	61.00	\$ 61.00
		5	\$	3.00	\$ 15.00
QA/QC					\$ -
QA/QC					
Sample Disposal					
SUBTOTAL:				\$	2,722.00
Tt 10%				\$	272.20
Total - Proposed Lab Costs				\$	2,994.20
Total - Proposed Lab Costs w/o City parameters				\$	2,743.40

	Eurofins ALL		Eurofins and City of AA WTP	
3 Quarterly	\$	1,504.80	\$	1,237.50
1 Annual	\$	2,994.20	\$	2,743.40
Lab Subtotal (1 year)	\$	4,499.00	\$	3,980.90

Lab Subtotal (Eurofins only)	\$	4,499.00
Lab Subtotal (Eurofins and City of AA WTP)	\$	3,980.90
Lab Total 1st year	\$	3,980.90
Lab Total 2nd year	\$	3,980.90

*Totals for 1st and 2nd year above assumes City analyzes TSS, ammonia, total phosphorous, BOD and TDS.

Notes:

QA/QC samples include:
(1) VOC trip blank per sampling event
(1) 1,4-dioxane trip blank per sampling event
(1) VOC field blank per annual sampling event
All laboratories have a 10-day standard turn around time.

Parameters highlighted in gray are typically analyzed by the City of Ann Arbor Wastewater Treatment Plant lab. Costs for these parameters were obtained from outside labs and provided for comparison. Costs used in Tetra Tech proposed costing assume City of Ann Arbor lab will continue to analyze these select parameters.

*Total Metals includes the following: antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, zinc

**PFAS includes: PFOS, PFOA, PFBS, PFHxS, PFNA in accordance with the current IUP

Additional notes on laboratory quotes and costs are included in the fee proposal summary document.

ALS

ALS charges a sustainability fee of \$50 to each work order.

ALS requires a minimum invoice fee of \$100 for each work order. It is assumed wastewater invoices will all exceed \$100 for costs above.

Pace

Pace charges an environmental impact fee of \$33 per invoice.

Pace charges a sample disposal fee of \$9 per sample.

Pace provides shipping labels and return shipping is covered.

Eurofins

Eurofins charges a sample disposal fee of \$3 per sample.

PACE					
Quarterly - January, July & October					
Wastewater	Ammonia	2	\$	28.00	\$ 56.00
	Vinyl Chloride	2	\$	65.00	\$ 130.00
	1,4-dioxane (8260)	2	\$	105.00	\$ 210.00
	Total Phosphorous	1	\$	29.00	\$ 29.00
	Vinyl Chloride	1	\$	65.00	\$ 65.00
QA/QC	Vinyl Chloride	1	\$	105.00	\$ 105.00
QA/QC	1,4-dioxane (8260)	2	\$	9.00	\$ 18.00
Sample Disposal		1	\$	33.00	\$ 33.00
Environmental Impact					
SUBTOTAL:				\$	646.00
Tt 10%				\$	64.60
Total - Proposed Lab Costs				\$	710.60
Total - Proposed Lab Costs w/o City parameters				\$	617.10

PACE					
Annual - April					
Wastewater	COD	2	\$	30.00	\$ 60.00
	TSS	2	\$	20.00	\$ 40.00
	FOG	2	\$	60.00	\$ 120.00
	Non-polar FOG	2	\$	70.00	\$ 140.00
	Ammonia	2	\$	28.00	\$ 56.00
	TKN	2	\$	32.00	\$ 64.00
	Cyanide, total	2	\$	45.00	\$ 90.00
	Cyanide, available	2	\$	65.00	\$ 130.00
	Total Phenols	2	\$	40.00	\$ 80.00
	Total Phosphorous	2	\$	29.00	\$ 58.00
	BOD	2	\$	40.00	\$ 80.00
	Total Metals*	2	\$	105.00	\$ 210.00
	VOCs + TICs	2	\$	120.00	\$ 240.00
	SVOCs + TICs	2	\$	250.00	\$ 500.00
	PCBs	2	\$	80.00	\$ 160.00
	TDS	2	\$	20.00	\$ 40.00
	Pesticides	2	\$	80.00	\$ 160.00
	2,3,7,8-TCDD (dioxin screen)	2	\$	50.00	\$ 100.00
	PFAS**	2	\$	325.00	\$ 650.00
	1,4-dioxane (8260)	2	\$	105.00	\$ 210.00
	VOCs	2	\$	100.00	\$ 200.00
	1,4-dioxane (8260)	1	\$	105.00	\$ 105.00
		5	\$	9.00	\$ 45.00
QA/QC					
QA/QC					
Sample Disposal					
Environmental Impact					
Fee (per invoice)		1	\$	33.00	\$ 33.00
SUBTOTAL:				\$	3,571.00
Tt 10%				\$	357.10
Total - Proposed Lab Costs				\$	3,928.10
Total - Proposed Lab Costs w/o City parameters				\$	3,626.70

	PACE ALL		PACE and City of AA WTP	
3 Quarterly	\$	2,131.80	\$	1,851.30
1 Annual	\$	3,928.10	\$	3,626.70
Lab Subtotal (1 year)	\$	6,059.90	\$	5,478.00

Lab Subtotal (PACE only)	\$	6,059.90
Lab Subtotal (PACE and City of AA WTP)	\$	5,478.00
Lab Total 1st year	\$	5,478.00
Lab Total 2nd year	\$	5,478.00

*Totals for 1st and 2nd year above assumes City analyzes TSS, ammonia, total phosphorous, BOD and TDS.

ALS					
Quarterly - January, July & October					
Wastewater	Ammonia	2	\$	18.00	\$ 36.00
	Vinyl Chloride	2	\$	55.00	\$ 110.00
	1,4-dioxane (8260)	2	\$	125.00	\$ 250.00
	Total Phosphorous	1	\$	25.00	\$ 25.00
	Vinyl Chloride	1	\$	55.00	\$ 55.00
QA/QC	Vinyl Chloride	1	\$	125.00	\$ 125.00
QA/QC	1,4-dioxane (8260)	1	\$	50.00	\$ 50.00
Sustainability Fee					
SUBTOTAL:				\$	651.00
Tt 10%				\$	65.10
Total - Proposed Lab Costs				\$	716.10
Total - Proposed Lab Costs w/o City parameters				\$	649.00

ALS					
Annual - April					
Wastewater	COD	2	\$	35.00	\$ 70.00
	TSS	2	\$	18.00	\$ 36.00
	FOG	2	\$	55.00	\$ 110.00
	Non-polar FOG	2	\$	85.00	\$ 170.00
	Ammonia	2	\$	18.00	\$ 36.00
	TKN	2	\$	40.00	\$ 80.00
	Cyanide, total	2	\$	35.00	\$ 70.00
	Cyanide, available	2	\$	90.00	\$ 180.00
	Total Phenols	2	\$	30.00	\$ 60.00
	Total Phosphorous	2	\$	25.00	\$ 50.00
	BOD	2	\$	35.00	\$ 70.00
	Total Metals*	2	\$	125.00	\$ 250.00
	VOCs + TICs	2	\$	100.00	\$ 200.00
	SVOCs + TICs	2	\$	160.00	\$ 320.00
	PCBs	2	\$	70.00	\$ 140.00
	TDS	2	\$	20.00	\$ 40.00
	Pesticides	2	\$	90.00	\$ 180.00
	2,3,7,8-TCDD (dioxin screen)	2	\$	25.00	\$ 50.00
	PFAS**	2	\$	450.00	\$ 900.00
	1,4-dioxane (8260)	2	\$	125.00	\$ 250.00
	VOCs	2	\$	75.00	\$ 150.00
	1,4-dioxane (8260)	1	\$	125.00	\$ 125.00
		1	\$	50.00	\$ 50.00
QA/QC					
QA/QC					
Sustainability Fee					
SUBTOTAL:				\$	3,587.00
Tt 10%				\$	358.70
Total - Proposed Lab Costs				\$	3,945.70
Total - Proposed Lab Costs w/o City parameters				\$	3,690.50

	ALS ALL		ALS and City of AA WTP	
3 Quarterly	\$	2,148.30	\$	1,947.00
1 Annual	\$	3,945.70	\$	3,690.50
Lab Subtotal (1 year)	\$	6,094.00	\$	5,637.50

Lab Subtotal (ALS only)	\$	6,094.00
Lab Subtotal (ALS and City of AA WTP)	\$	5,637.50
Lab Total 1st year	\$	5,637.50
Lab Total 2nd year	\$	5,637.50

*Totals for 1st and 2nd year above assumes City analyzes TSS, ammonia, total phosphorous, BOD and TDS.

TASK 3.4: WASTEWATER MONITORING PROGRAM - Submittal of Quarterly Reports

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
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-Senior Principal VII	0	hours @	\$275.00	\$0.00	-
-Senior Principal VI	0	hours @	\$265.00	\$0.00	-
-Senior Principal V	0	hours @	\$255.00	\$0.00	-
-Senior Principal IV	0	hours @	\$245.00	\$0.00	-
-Senior Principal III (JR)	0	hours @	\$235.00	\$0.00	-
-Senior Principal II	0	hours @	\$225.00	\$0.00	-
-Senior Principal I	0	hours @	\$215.00	\$0.00	-
-Program Manager (PJM)	1.25	hours @	\$205.00	\$256.25	-
-Senior Consultant IV	0	hours @	\$195.00	\$0.00	-
-Senior Consultant III	0	hours @	\$185.00	\$0.00	-
-Senior Consultant II (MG)	0	hours @	\$175.00	\$0.00	-
-Senior Consultant I	0	hours @	\$165.00	\$0.00	-
-Senior Engineer / Scientist IIII	0	hours @	\$160.00	\$0.00	-
-Senior Engineer / Scientist III	0	hours @	\$155.00	\$0.00	-
-Senior Engineer / Scientist II (ADR)	4	hours @	\$150.00	\$600.00	-
-Senior Engineer / Scientist I (AR)	0	hours @	\$145.00	\$0.00	-
-Engineer / Scientist VI	0	hours @	\$140.00	\$0.00	-
-Engineer / Scientist V	0	hours @	\$135.00	\$0.00	-
-Engineer / Scientist IV	0	hours @	\$130.00	\$0.00	-
-Engineer / Scientist III	0	hours @	\$125.00	\$0.00	-
-Engineer / Scientist II	0	hours @	\$120.00	\$0.00	-
-Engineer / Scientist II (ZMP)	0	hours @	\$115.00	\$0.00	-
-Engineer / Scientist I	0	hours @	\$110.00	\$0.00	-
-Field Staff IV	0	hours @	\$100.00	\$0.00	-
-Field Staff III (CJC)	0	hours @	\$95.00	\$0.00	-
-Field Staff II	0	hours @	\$90.00	\$0.00	-
-Field Staff I (RMF, TVM, TSD)	5	hours @	\$85.00	\$425.00	-
-Technician IV (JMH)	5	hours @	\$80.00	\$400.00	-
-Technician III	0	hours @	\$75.00	\$0.00	-
-Technician II	0	hours @	\$70.00	\$0.00	-
-Technician I	0	hours @	\$65.00	\$0.00	-
-Financial Analyst III	0	hours @	\$89.00	\$0.00	-
-Financial Analyst II	0	hours @	\$84.00	\$0.00	-
-Financial Analyst I (BLK, MH)	1.5	hours @	\$79.00	\$118.50	-

- Driller/Contractor 1-

- Driller/Contractor 2

- Driller/Contractor 3

- Disbursements (List out; attach separate sheet for backup)

- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

SUBTOTAL

\$1,799.75	\$0.00	\$1,799.75
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ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 4 per fiscal year	\$7,199.00
July 1, 2026 to June 30, 2027 - 4 per fiscal year	\$7,199.00

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	0	0
WL Ind. (day)	15	0	0
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	0	0
Disp. Gloves (100)	35	0	0
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0
Low-Flow Pump	35	0	0
Misc: DI Water, Ice, etc.(event)	50	0	0
Landfill gas Meter	265	0	0
Total			0

-Quarterly report preparation

-Meetings to review report are included under Task 5.3

-Reports are due to City of AA WTP for IUP and EGLE 30 days after quarter end (January 30, April 30, July 30, and October 30)

TASK 3.5: Renewal of Industrial User Permit / Annual Inspection

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	3	hours @ \$205.00	\$615.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	4	hours @ \$150.00	\$600.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	6	hours @ \$85.00	\$510.00	-	
-Technician IV (JMH)	0	hours @ \$80.00	\$0.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	1	hours @ \$79.00	\$79.00	-	

- Driller/Contractor 1-
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00

SUBTOTAL

\$1,804.00 \$0.00 **\$1,804.00**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 **\$1,804.00**
July 1, 2026 to June 30, 2027 **\$1,804.00**

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	0	0
WL Ind. (day)	15	0	0
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	0	0
Disp. Gloves (100)	35	0	0
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0
Low-Flow Pump	35	0	0
Misc: DI Water, Ice, etc.(event)	50	0	0
Landfill gas Meter	265	0	0
Total			0

- Annual site inspection and sampling will be coordinated with City officials.
- Completion of City annual inspection is usually November
- An annual report is included in this task per the IUP.
- The IUP is not due for submittal until December 2028 and costs are not included here.

TASK 3.6: WASTEWATER MONITORING PROGRAM - Groundwater Remediation

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	0	hours @ \$205.00	\$0.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	0	hours @ \$150.00	\$0.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	0	hours @ \$85.00	\$0.00	-	
-Technician IV (JMH)	0	hours @ \$80.00	\$0.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	0	hours @ \$79.00	\$0.00	-	

- Driller/Contractor 1-
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

SUBTOTAL

\$0.00 \$0.00 **\$0.00**

ASSUMPTIONS

-Costs will be completed upon request for specific projects

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	0	0
WL Ind. (day)	15	0	0
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	0	0
Disp. Gloves (100)	35	0	0
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0
Low-Flow Pump	35	0	0
Misc: DI Water, Ice, etc.(event)	50	0	0
Landfill gas Meter	265	0	0
Total			0

TASK 4: ENVIRONMENTAL SYSTEM MAINTENANCE ACTIVITIES

Task 4.1: Methane Collection System

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	3	hours @ \$205.00	\$615.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	0	hours @ \$150.00	\$0.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	4	hours @ \$115.00	\$460.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	2	hours @ \$95.00	\$190.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	8	hours @ \$85.00	\$680.00	-	
-Technician IV (JMH)	12	hours @ \$80.00	\$960.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	1	hours @ \$79.00	\$79.00	-	

- Driller/Contractor 1- waste removal US Ecology
- Driller/Contractor 2 -
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$3,000.00
\$0.00
\$0.00
\$827.50
\$0.00

SUBTOTAL

\$2,984.00 \$4,210.25 **\$7,194.25**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - per fiscal year **\$7,194.25**
 July 1, 2026 to June 30, 2027 - per fiscal year **\$7,194.25**

Disbursements

Item	Rate/Unit	Days	Cost
Truck		90	2
WL Ind. (day)		15	0
PID (day)		150	0
WQ w/ Flow Through Cell (day)		210	0
Disp. Gloves (100)		35	0.5
Tubing (per 50-feet vinyl 3/8" OD)		15	0
Low-Flow Pump		35	0
Misc: DI Water, Ice, etc.(event)		50	2
Landfill gas Meter		265	2
Total			\$ 827.50

- Subcontractor will not be required for operation and maintenance activities; therefore no costs are included.
- Carbon removal for regeneration is included across both years.
- Two events requiring a gas meter are included. Rental costs are in the disbursements.

TASK 4: ENVIRONMENTAL SYSTEM MAINTENANCE ACTIVITIES

Task 4.2: Purge, Observation and Monitoring Wells Maintenance

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	4	hours @ \$205.00	\$820.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	8	hours @ \$150.00	\$1,200.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	16	hours @ \$115.00	\$1,840.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	16	hours @ \$85.00	\$1,360.00	-	
-Technician IV (JMH)	16	hours @ \$80.00	\$1,280.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	2	hours @ \$79.00	\$158.00	-	

- Driller/Contractor 1 - Stearns Drilling Year 1
- Driller/Contractor 2 - Stearns Drilling Year 2
- Driller/Contractor 3 - muriatic acid (annual cost)
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$41,666.00
\$41,666.00
\$2,046.00
\$1,039.50
\$0.00

SUBTOTAL

\$6,658.00 **\$86,417.50**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - per fiscal year **\$54,742.78**
July 1, 2025 to June 30, 2026 - per fiscal year **\$54,742.78**

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	8	720
WL Ind. (day)	15	6	90
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	0	0
Disp. Gloves (100)	35	1	35
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0
Low-Flow Pump	35	0	0
Misc: DI Water, Ice, etc.(event)	50	2	100
Landfill gas Meter	265	0	0
Total			\$ 945.00

- Subcontractor costs are included for rehabilitation as described below:
PW-1R-12/PW-2R-01 1 visit / annually
PW-3R-12 1 visit / every 8 months
- Stearns estimate is based on previous year repairs.
- Muriatic acid is included for monthly addition to the wells surrounding the extraction wells to optimize groundwater flow and reduce biofouling.
- 2 maintenance visits by Tetra Tech per fiscal year
- Costs are included for Tetra Tech staff to complete minor repairs, labeling, etc. for monitoring wells
- Costs of locks for monitoring wells are invoiced directly to the city.

TASK 4: ENVIRONMENTAL SYSTEM MAINTENANCE ACTIVITIES

Task 4.3: Annual Maintenance Report

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	2	hours @ \$205.00	\$410.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	2	hours @ \$150.00	\$300.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	2	hours @ \$115.00	\$230.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	8	hours @ \$85.00	\$680.00	-	
-Technician IV (JMH)	0	hours @ \$80.00	\$0.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	1	hours @ \$79.00	\$79.00	-	

- Driller/Contractor 1-
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

SUBTOTAL

\$1,699.00 \$0.00 **\$1,699.00**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - per fiscal year **\$1,699.00**
 July 1, 2025 to June 30, 2026 - per fiscal year **\$1,699.00**

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	0	0
WL Ind. (day)	15	0	0
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	0	0
Disp. Gloves (100)	35	0	0
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0
Low-Flow Pump	35	0	0
Misc: DI Water, Ice, etc.(event)	50	0	0
Landfill gas Meter	265	0	0
Total			0

-Annual report is submitted in July for the previous fiscal year.

TASK 5.1: Field Inspections

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	0.5	hours @ \$205.00	\$102.50	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	1	hours @ \$150.00	\$150.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	8	hours @ \$85.00	\$680.00	-	
-Technician IV (JMH)	0	hours @ \$80.00	\$0.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	0	hours @ \$79.00	\$0.00	-	

- Driller/Contractor 1-
- Driller/Contractor 2 -
- Driller/Contractor 3 -
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$90.00
\$0.00

SUBTOTAL

\$932.50 \$90.00 **\$1,031.50**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 8 per fiscal year **\$8,252.00**
 July 1, 2026 to June 30, 2027 - 8 per fiscal year **\$8,252.00**

Disbursements

Item	Rate/Unit	Days	Cost	-Includes costs for inspections in March - October
Truck	90	1	90	
WL Ind. (day)	15	0	0	
PID (day)	150	0	0	
WQ w/ Flow Through Cell (day)	210	0	0	
Disp. Gloves (100)	35	0	0	
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0	
Low-Flow Pump	35	0	0	
Misc: DI Water, Ice, etc.(event)	50	0	0	
Landfill gas Meter	265	0	0	
Total			\$ 90.00	

TASK 5.2: PROJECT ADMINISTRATION AND OVERSIGHT - Health and Safety Plan

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	2	hours @ \$205.00	\$410.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	2	hours @ \$175.00	\$350.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	4	hours @ \$150.00	\$600.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	0	hours @ \$85.00	\$0.00	-	
-Technician IV (JMH)	8	hours @ \$80.00	\$640.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	0	hours @ \$79.00	\$0.00	-	

- Driller/Contractor 1-	\$0.00
- Driller/Contractor 2	\$0.00
- Driller/Contractor 3	\$0.00
- Disbursements (List out; attach separate sheet for backup)	\$0.00
- Analytical (see Unit Pricing Sheet)	\$0.00

SUBTOTAL \$2,000.00 \$0.00 **\$2,000.00**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - quarterly data update; annual review	\$2,000.00
July 1, 2026 to June 30, 2027 - quarterly data update; annual review	\$2,000.00

Disbursements

Item	Rate/Unit	Days	Cost	
Truck	90	0	0	-Document is updated annually in the summer.
WL Ind. (day)	15	0	0	-The quarterly or semi-annual data figures will be updated when the report is finalized.
PID (day)	150	0	0	
WQ w/ Flow Through Cell (day)	210	0	0	
Disp. Gloves (100)	35	0	0	
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0	
Low-Flow Pump	35	0	0	
Misc: DI Water, Ice, etc.(event)	50	0	0	
Landfill gas Meter	265	0	0	
Total			0	

TASK 5.3: PROJECT ADMINISTRATION AND OVERSIGHT - Project Manager

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	2.5	hours @ \$205.00	\$512.50	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist IIII	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	6	hours @ \$150.00	\$900.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	0	hours @ \$85.00	\$0.00	-	
-Technician IV (JMH)	0	hours @ \$80.00	\$0.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	1	hours @ \$79.00	\$79.00	-	

- Driller/Contractor 1-
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

SUBTOTAL

\$1,491.50 \$0.00 **\$1,491.50**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 12 meetings per fiscal year \$17,898.00
 July 1, 2026 to June 30, 2027 - 12 meetings per fiscal year \$17,898.00

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	0	0
WL Ind. (day)	15	0	0
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	0	0
Disp. Gloves (100)	35	0	0
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0
Low-Flow Pump	35	0	0
Misc: DI Water, Ice, etc.(event)	50	0	0
Landfill gas Meter	265	0	0
Total			0

- Meetings will be held monthly
- Complete agenda, meeting preparation, meeting minutes
- Includes budget tracking, task management, invoicing, and contract procurement.
- Invoice includes a summary of monthly activities as a cover sheet.

TASK 5.4: PROJECT ADMINISTRATION AND OVERSIGHT - Deliverables

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	0	hours @ \$205.00	\$0.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	6	hours @ \$150.00	\$900.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	8	hours @ \$85.00	\$680.00	-	
-Technician IV (JMH)	0	hours @ \$80.00	\$0.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	3	hours @ \$79.00	\$237.00	-	

- Driller/Contractor 1-	\$0.00
- Driller/Contractor 2	\$0.00
- Driller/Contractor 3	\$0.00
- Disbursements (List out; attach separate sheet for backup)	\$0.00
- Analytical (see Unit Pricing Sheet)	\$0.00

SUBTOTAL \$1,817.00 \$0.00 **\$1,817.00**

ASSUMPTIONS

July 1, 2025 to June 30, 2026 - 1 per fiscal year \$1,817.00
July 1, 2026 to June 30, 2027 - 1 per fiscal year \$1,817.00

Disbursements

Item	Rate/Unit	Days	Cost	
Truck	90	0	0	-Share point site management.
WL Ind. (day)	15	0	0	-Tetra Tech currently maintains a website with all historical documents. Reports, meeting agendas and minutes will be uploaded when completed.
PID (day)	150	0	0	-Assisting City of Ann Arbor with GIS updates
WQ w/ Flow Through Cell (day)	210	0	0	
Disp. Gloves (100)	35	0	0	
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0	
Low-Flow Pump	35	0	0	
Misc. DI Water, Ice, etc.(event)	50	0	0	
Landfill gas Meter	265	0	0	
Total			0	

TASK 6: ENVIRONMENTAL CONSULTING SERVICES

Description	Quantity	Rate	Consultant Labor	Subcontractor/ Disbursements	Total Cost
-Senior Principal VII	0	hours @ \$275.00	\$0.00	-	
-Senior Principal VI	0	hours @ \$265.00	\$0.00	-	
-Senior Principal V	0	hours @ \$255.00	\$0.00	-	
-Senior Principal IV	0	hours @ \$245.00	\$0.00	-	
-Senior Principal III (JR)	0	hours @ \$235.00	\$0.00	-	
-Senior Principal II	0	hours @ \$225.00	\$0.00	-	
-Senior Principal I	0	hours @ \$215.00	\$0.00	-	
-Program Manager (PJM)	0	hours @ \$205.00	\$0.00	-	
-Senior Consultant IV	0	hours @ \$195.00	\$0.00	-	
-Senior Consultant III	0	hours @ \$185.00	\$0.00	-	
-Senior Consultant II (MG)	0	hours @ \$175.00	\$0.00	-	
-Senior Consultant I	0	hours @ \$165.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$160.00	\$0.00	-	
-Senior Engineer / Scientist III	0	hours @ \$155.00	\$0.00	-	
-Senior Engineer / Scientist II (ADR)	0	hours @ \$150.00	\$0.00	-	
-Senior Engineer / Scientist I (AR)	0	hours @ \$145.00	\$0.00	-	
-Engineer / Scientist VI	0	hours @ \$140.00	\$0.00	-	
-Engineer / Scientist V	0	hours @ \$135.00	\$0.00	-	
-Engineer / Scientist IV	0	hours @ \$130.00	\$0.00	-	
-Engineer / Scientist III	0	hours @ \$125.00	\$0.00	-	
-Engineer / Scientist II	0	hours @ \$120.00	\$0.00	-	
-Engineer / Scientist II (ZMP)	0	hours @ \$115.00	\$0.00	-	
-Engineer / Scientist I	0	hours @ \$110.00	\$0.00	-	
-Field Staff IV	0	hours @ \$100.00	\$0.00	-	
-Field Staff III (CJC)	0	hours @ \$95.00	\$0.00	-	
-Field Staff II	0	hours @ \$90.00	\$0.00	-	
-Field Staff I (RMF, TVM, TSD)	0	hours @ \$85.00	\$0.00	-	
-Technician IV (JMH)	0	hours @ \$80.00	\$0.00	-	
-Technician III	0	hours @ \$75.00	\$0.00	-	
-Technician II	0	hours @ \$70.00	\$0.00	-	
-Technician I	0	hours @ \$65.00	\$0.00	-	
-Financial Analyst III	0	hours @ \$89.00	\$0.00	-	
-Financial Analyst II	0	hours @ \$84.00	\$0.00	-	
-Financial Analyst I (BLK, MH)	0	hours @ \$79.00	\$0.00	-	

- Driller/Contractor 1-
- Driller/Contractor 2
- Driller/Contractor 3
- Disbursements (List out; attach separate sheet for backup)
- Analytical (see Unit Pricing Sheet)

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

SUBTOTAL

\$0.00 \$0.00 **\$0.00**

ASSUMPTIONS

-Costs will be completed upon request for specific projects

Disbursements

Item	Rate/Unit	Days	Cost
Truck	90	0	0
WL Ind. (day)	15	0	0
PID (day)	150	0	0
WQ w/ Flow Through Cell (day)	210	0	0
Disp. Gloves (100)	35	0	0
Tubing (per 50-feet vinyl 3/8" OD)	15	0	0
Low-Flow Pump	35	0	0
Misc: DI Water, Ice, etc.(event)	50	0	0
Landfill gas Meter	265	0	0
Total			0

Exhibit B - Subcontractor Quotations



Laboratory Quotation Notes

Tetra Tech requested quotes from 3 laboratories (Eurofins, PACE and ALS Environmental) for costing comparison.

In evaluating laboratory quotes, Tetra Tech observed the following deviations from the requested numbers of samples. Tetra Tech personnel contacted each of the laboratories to confirm that the change in quantities would not affect the unit rates provided on the quotes. All 3 laboratories confirmed that the unit rates would not change if the quantities were corrected to the actual landfill project amount. New quotes were not provided. In comparing the costs from the 3 laboratories for this proposal submittal, Tetra Tech corrected the number of samples to those required for the landfill project.

A summary of the quote quantity deviations is provided below.

Eurofins

Annual wastewater

- Quote missing the QA/QC samples (1 VOC trip blank, 1 VOC field blank and 1 1,4-dioxane trip blank for each (2) annual event).
- This equated to 4 additional VOCs and 2 additional 1,4-dioxane samples for annual wastewater that have been captured in the cost comparison work breakdown structure (WBS).

PACE

Groundwater

- Quote has 70 (66+4) VOC samples.
- Corrected on cost WBS to 68 VOC samples (60 samples + 4 field blanks+ 4 trip blanks).

Quarterly Wastewater

- Quote has 16 1,4-dioxane samples + 8 trip blanks.
- Corrected to 12 samples + 6 trip blanks (18) for quarterly wastewater on the cost comparison WBS.
- Quote has 16 ammonia samples.
- Corrected to 12 samples for quarterly wastewater on the cost comparison WBS.
- Quote has 16 VOC (VC) samples + 8 trip blanks.
- Corrected to 12 samples + 6 trip blanks (18) for quarterly wastewater on the cost comparison WBS.
- Quote has 16 phosphorous samples.
- Corrected to 6 for quarterly wastewater on the cost comparison WBS.

ALS Environmental

Wastewater

- Quote has 14 1,4-dioxane samples.
- Corrected to 24 samples including QA/QC on the cost comparison WBS.
- Quote has 12 VOC vinyl chloride samples.
- Corrected to 18 samples including QA/QC on the cost comparison WBS.
- Quote has 14 ammonia samples.
- Corrected to 16 samples on the cost comparison WBS.

April 01, 2025

Alison Rauss
Tetra Tech GEO
1136 Oak Valley Dr.
Suite 100
Ann Arbor, MI 48108
alison.rauss@tetrattech.com | Tel: (734) 213-2204Subject: Analytical Services Proposal - Ann Arbor Landfill
Eurofins Environment Testing North Central Quotation Number 24035150

Dear Alison Rauss:

We appreciate the opportunity to provide your company with a quotation for your Ann Arbor Landfill project. Eurofins Environment Testing North Central has a unique combination of full service capabilities, technical expertise, local service options, and online resources necessary to ensure successful project outcomes.

At Eurofins Environment Testing North Central, quality is the hallmark of our business. To ensure your project's data quality objectives are met, we offer experienced personnel who are trained and committed to completing your analytical project on time, a fully documented QA/QC program, and state-of-the-art laboratory equipment and facilities. In addition to being a full service laboratory, we are part of the nation's largest environmental laboratory network. This provides access to an unparalleled spectrum of capabilities and turnaround time options, all through a single point of contact. Kris Brooks has been assigned as your Project Manager for this work and can be reached by phone at 330 966-9790 or via email at Kris.Brooks@et.eurofinsus.com.

- **MyEOL:** a web portal offering you customizable, real time access to data. With 24 hour access you can perform data trending, compare data to industry or project limits, track CoCs, invoices, reports and much more.
- **Level IV Deliverables/Customizable EDDs:** high resolution, text searchable reports, available in virtually any format.
- **Extensive Experience:** Project Managers with in-depth knowledge of regulatory protocols and procedures.
- **Nationwide Logistical Support:** bringing you an extensive courier network, service centers and shipping options throughout the U.S. and abroad.
- **PFAS, Dioxins/Furans, Air, Radiochemistry, IH** and other specialty analyses are offered alongside routine soil and water methods with seamless reports and consolidated EDDs.

The following quotation includes a detailed price breakdown, as well as any notes and clarifications pertaining to your project, and is subject to Eurofins Environment Testing North Central's Standard Terms and Conditions, unless otherwise agreed upon in writing.

We thank you for choosing Eurofins Environment Testing North Central, and we look forward to working with you on this project.

Sincerely,

Michael McGarry
Client Relations Manager
Michael.McGarry@et.eurofinsus.com

cc: Gail Carr; Kris Brooks

Eurofins Michigan
38855 Hills Tech Dr.
Suite 600
Farmington Hills, MI 48331

Prepared by: McGarry, Michael R
Date: 4/1/2025 Expiration Date: 6/25/2025

Prepared for:
Alison Rauss
Tetra Tech GEO
1136 Oak Valley Dr.
Suite 100
Ann Arbor, MI 48108
alison.rauss@tetrattech.com | Tel: (734) 213-2204

Project: Ann Arbor Landfill

Quote Number: 24035150 - 0

Groundwater

TAT: 10_Days (Business Days)

(to be analyzed by Eurofins Cleveland)

Matrix	Method	Test Description	Quantity	Unit Price	Extended Price
Water	8260D	VOCs (City of AnnArbor GW List)	68	\$ 68.00	\$ 4,624.00
Water	522	1,4 Dioxane (GC/MS SIM) (EET BUR)	48	\$ 186.00	\$ 8,928.00
Total Groundwater					\$ 13,552.00

Wastewater - Quarterly

TAT: 10_Days (Business Days)

(to be analyzed by Eurofins Cleveland)

Matrix	Method	Test Description	Quantity	Unit Price	Extended Price
Water	8260D SIM	1,4-Dioxane	18	\$ 61.00	\$ 1,098.00
Water	350.1	Nitrogen, Ammonia	12	\$ 27.00	\$ 324.00
Water	624.1	VOCs (Vinyl Chloride)	18	\$ 62.00	\$ 1,116.00
Water	4500-P E-2021	Phosphorus	6	\$ 27.00	\$ 162.00
Total Wastewater - Quarterly					\$ 2,700.00

Wastewater - Annual

TAT: 10_Days (Business Days)

(to be analyzed by Eurofins Cleveland)

Matrix	Method	Test Description	Quantity	Unit Price	Extended Price
Water	5220D-1997	COD	4	\$ 21.00	\$ 84.00
Water	2540D-2020	TSS	4	\$ 14.00	\$ 56.00
Water	8260D SIM	1,4-Dioxane	4	\$ 61.00	\$ 244.00
Water	1664B	HEM and SGT-HEM	4	\$ 48.00	\$ 192.00
Water	350.1	Nitrogen, Ammonia	4	\$ 27.00	\$ 108.00
Water	351.2	Nitrogen, Total Kjeldahl	4	\$ 30.00	\$ 120.00
Water	Kelada 01	Cyanide, Total	4	\$ 28.00	\$ 112.00
Water	Kelada 01	Cyanide, Available	4	\$ 65.00	\$ 260.00
Water	420.4	Phenolics, Total Recoverable	4	\$ 37.00	\$ 148.00
Water	4500-P E-2021	Phosphorus	4	\$ 27.00	\$ 108.00
Water	5210B-2011	BOD, 5-Day	4	\$ 32.00	\$ 128.00
Water	624.1	VOCs (City of AnnArbor GW List)	4	\$ 62.00	\$ 248.00
Water	625.1	TTO SVOCs + TICs	4	\$ 151.00	\$ 604.00
Water	608.3	TTO PCBs	4	\$ 59.00	\$ 236.00
Water	200.7 Rev 4.4	Annual Metals: Sb, As, Be, Ag, Cd, Cr, Cu, Pb, Mo, Ni, Se, Ti, Zn	4	\$ 83.00	\$ 332.00
Water	245.1	Mercury	4	\$ 23.00	\$ 92.00
Water	2540 C-2020	Solids, Total Dissolved (TDS)	4	\$ 14.00	\$ 56.00
Water	608.3	TTO Pest	4	\$ 90.00	\$ 360.00

Eurofins Michigan
38855 Hills Tech Dr.
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Prepared by: McGarry, Michael R
Date: 4/1/2025 Expiration Date: 6/25/2025

Prepared for:
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Project: Ann Arbor Landfill

Quote Number: 24035150 - 0

Wastewater - Annual
TAT: 10_Days (Business Days)
(to be analyzed by Eurofins Cleveland)

Matrix	Method	Test Description	Quantity	Unit Price	Extended Price
Water	625	Dioxin Screen - 625 (GC/MS SIM)	4	\$ 64.00	\$ 256.00
Water	1633	Project List	4	\$ 325.00	\$ 1,300.00
Total Wastewater - Annual					\$ 5,044.00

Quote Other Charges

Description	Quantity	Unit Price	Extended Price
Safe and Environmentally Responsible Waste Management (per sample)	90	\$ 3.00	\$ 270.00
Services - Sample Pickup from Ann Arbor Office	1	\$ 0.00	\$ 0.00
Total Other Charge			\$270.00

Total Other Charges **\$ 270.00**

Total Analysis Charges **\$ 21,296.00**

Grand Total for Quote 24035150 **\$ 21,566.00**

***Quoted charges do not include sales tax. Applicable sales tax will be added to invoices where required by law.*

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PROJECT DETAILS

Eurofins North Central Business T&Cs

Confidentiality -

This quote has been prepared by Eurofins Environment Testing North Central, LLC, solely for the use of the customer to whom it is addressed in evaluating Eurofins Environment Testing North Central, LLC's qualifications and capabilities in connection with a particular project. The user of this document agrees by its acceptance to return it to Eurofins Environment Testing North Central, LLC upon request and not to reproduce, copy, lend, or otherwise disclose its contents, directly or indirectly, and not to use it for any purpose other than that for which it was specifically provided. The user also agrees that where consultants or other outside parties are involved in the evaluation process, access to this document shall not be given to said parties unless those parties also specifically agree to these conditions. In the absence of signed acceptance, submittal of samples will indicate acceptance of this quotation.

Terms and Conditions -

This quotation is based solely upon Eurofins Environment Testing North Central, LLC's standard product (routine QA/QC, detection limits, deliverables and standard turnaround times) and noted exceptions herein. The discounts incorporated into the pricing are based upon the sample quantity, test method, and schedule quoted. Any deviations may impact pricing and/or the acceptance of work. Final acceptance of this work is contingent upon a mutually agreed Sample Delivery Schedule. All sales are subject to Eurofins Environment Testing North Central, LLC's Terms and Conditions **unless alternative terms have been agreed to in writing**. Submittal of samples will indicate acceptance of this quotation.

Quote Expiration -

Pricing listed in the proposal will expire **90 days** from the quote date unless the project is awarded/confirmed within that time period. Unless otherwise set forth in this quotation, Eurofins Environment Testing North Central, LLC reserves the right to re-evaluate pricing for extended length projects on an annual basis.

SERWM -

A fee, notated as Safe and Environmentally Responsible Waste Management (SERWM), will be applied to all invoices for each sample processed by the laboratory.

PROJECT SETUP

Field Sampling Products -

Eurofins Environment Testing North Central, LLC can provide field sampling products upon request and these products are billable to the client at the time of shipment.

Field sampling products may include, but are not limited to:

- VOA sampling devices, preservation kits, ISM supplies, tubing and filters
- Industrial Hygiene media, surface sampling wipes, source sampling traps

The cost of the soil sampling devices is not included in the quoted rates for volatile analysis.

Core Samplers

- 5 gram Core N' One and EnCore samplers are available at \$10 each (three required per sample).
- Disposable Core N' One T-Handles are available at \$15 each.
- Eurofins TestAmerica does not supply EnCore T-Handles.

Field Preservation

- TerraCore Kits (varied) - quoted based on client required configurations
- Disposable Lock N' Load Handles are available at \$12 each.

If any sampling supplies for soil VOCs are requested, they will be included in the quote under Other Charges.

Coolers and Sampling Supplies -

- Sampling Supplies: Eurofins Environment Testing North Central, LLC will provide sample containers and coolers to support the

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sampling of water and soil samples. Extra bottles may be provided (up to 10%) in case of breakage. Eurofins Environment Testing North Central, LLC's expects that samples and supplies will be returned to the lab, including empty coolers and a reasonable percentage of the projected sample load - 70% or higher of the expected/quoted sample number. Coolers not received back by the projected deadline or as agreed with the PM may be charged at \$30 per cooler. Similarly, if the sample containers received as samples are less than 90% of the containers provided, the sample containers not received as samples will be charged at a flat rate of \$1 per container.

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If any sampling supplies for soil VOCs are requested, they will be included in the quote under Other Charges.

Coolers and Sampling Supplies -

- Sampling Supplies: Eurofins Environment Testing North Central, LLC will provide sample containers and coolers to support the sampling of water and soil samples. Extra bottles may be provided (up to 10%) in case of breakage. Eurofins Environment Testing North Central, LLC's expects that samples and supplies will be returned to the lab, including empty coolers and a reasonable percentage of the projected sample load - 70% or higher of the expected/quoted sample number. Coolers not received back by the projected deadline or as agreed with the PM may be charged at \$30 per cooler. Similarly, if the sample containers received as samples are less than 90% of the containers provided, the sample containers not received as samples will be charged at a flat rate of

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\$1 per container.

- **Sample Container Shipping:** The containers and preservatives required by the project shall be delivered via ground transportation. A minimum of **5 business days** advance notice is required in order to achieve shipment by ground transportation. Supply shipments requiring priority delivery due to insufficient lead time for ground transportation shall be charged to the client at Eurofins Environment Testing North Central, LLC's cost. Alternatively, Eurofins Environment Testing North Central, LLC can ship the supplies via carrier of choice by the client using the client's shipping account.

Eurofins Environment Testing North Central, LLC does not supply wet ice or blue ice for shipments. If shipping containers are not returned within 60 days, a charge for the containers will be billed at the current market rate. Please contact your PM for the current charges.

Courier Services and Sample Pick-Up -

Courier Services are offered by some Eurofins Environment Testing North Central, LLC facilities. Where offered, the cost of the services will vary based on the distance traveled, the scope of the project being supported, and whether sufficient notice (typically 48 hours) is provided to facilitate efficient scheduling. If no details are described in this quotation and you are interested in learning more about courier options, please contact your Client Relations Manager or Project Manager to inquire about availability and cost.

Minimum Log-In Charges -

Eurofins Environment Testing North Central, LLC's minimum charge is **\$150** for a group of samples received together for analysis. Our minimum invoice value is \$150.

QC Limit Disclaimer -

The laboratory's reporting limits, detection limits, and control limits are subject to change as these values are updated periodically to reflect analytical sensitivity and capability.

Turnaround Time -

- **Quoted Turnaround Time** - Data will be delivered at the proposed turnaround time in Business Days from Sample Receipt unless otherwise agreed upon. TAT begins the day the laboratory performing analyses receives the samples (day of lab receipt = day zero).

Samples received after 11 AM will be considered received the next business day.

- **Expedited Turnaround Time:** Expedited turnaround times may be available and must be pre-approved by the laboratory. Expedited turnaround delivery is contingent upon meeting the agreed upon delivery date/time and number of samples. Samples received after 11 AM will be considered received the next business day. Results will be provided via e-mail or TotalAccess by close of business in the lab's time zone unless another time has been agreed to in advance.

Expedited turnaround time surcharges for standard analyses are:

- 5 Business Days TAT = 30%
- 4 Business Days TAT = 45%
- 3 Business Days TAT = 60%
- 2 Business Days TAT = 75%
- 1 Business Day TAT = 100%

Different surcharges may apply for specialty analyses. These will be provided in your quotation. Weekend TAT can be arranged on a project-specific basis at an additional cost. Please contact your PM to inquire about availability and cost.

PROJECT DELIVERABLES

Eurofins Environment Testing North Central, LLC will provide two analytical report formats, a final report in PDF format and a standard Eurofins Environment Testing North Central, LLC EDD. Both electronic report formats will be delivered via email or web portal. If additional formats or retroactive deliverables are requested, costs of report generation will be billable. Charges will be based on labor and materials

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cost of report generation and data retrieval. Please contact your PM to inquire about availability and the price of additional deliverables.

- **Report Format:** Unless a level III or IV deliverable is specifically listed on the pricing page, this quotation includes delivery of a Level I or II report. Level III or IV reports are available at an additional charge.
- **Electronic Data Deliverable Format:** Eurofins Environment Testing North Central, LLC has many EDD formats available to our clients including the most widely used commercial formats. Eurofins Environment Testing North Central, LLC offers data using a standard EDD. Other EDD formats are available for a minimal cost of \$25 per format (if not included as part of the report options listed in the quotation). The development of EDD formats that are not already available, including modification to existing formats to fit client specific needs, can be provided for a fee starting at \$100. Additional fees will be estimated by the lab and approved by the client. Additional programming fees are billed at \$50/hour.

PROJECT SPECIFICATIONS**Cancellation Fee -**

A fee will be charged for cancellation of samples/analyses after a project is received in the laboratory. The fee will be based on the status of analysis at the time of cancellation in accordance with the following categories:

- Received - 35%
- Prepped - 50%
- Analyzed - 95%

Changes in Scope and Work Revisions -

Project requirements must be agreed upon prior to sample receipt. Samples will be logged according to the chain of custody received with the samples. Changes after initiation of the project will be subject to additional charges, including labor time required to reset project, communicate changes to laboratory staff, and rework data. Turnaround time will be reset or rush surcharges will be assessed where applicable. Analyses added with less than 1/2 of the analytical hold time remaining will incur rush turnaround charges. Your project manager will evaluate project specific charges at the time a change order is received.

Held Samples -

- **Held samples not analyzed:** Samples submitted on hold will be billed at 35% of the analysis fee (minimum \$10/sample). If samples are later analyzed, the handling fee will be waived and only the analysis price will be charged. Samples taken off hold with less than 1/2 of the analytical hold time remaining may incur rush turnaround charges. Samples will be disposed of 30 days after the report for analyzed samples in the same job is issued, unless alternate archival arrangements are made in advance.
- **Extracted/Prepped and Held samples:** Samples submitted for prep and hold will be billed at 60% of the analysis fee for each prepped sample (minimum \$30/sample). Samples taken off hold with less than 1/2 of the analytical hold time remaining may incur rush turnaround charges. Samples will be disposed of 30 days after the report for analyzed samples in the same job is issued, unless alternate archival arrangements are made in advance.
- **Extended archival of samples:** Extended archival of samples (including held samples) may be available for a fee starting at \$2 per container per month (minimum \$10/sample). This fee will be billed in advance on a quarterly basis for every quarter after the standard sample retention time of 30 days after the report is issued. Fees for larger volumes, non-standard matrices or cold storage will be negotiated on a case-by-case basis. Please contact your PM to inquire about availability and pricing for samples that are sent to the lab and archived.

Matrix Spike/Spike Duplication (MS/MSD) Samples -

When MS/MSDs are not specifically requested, Eurofins Environment Testing North Central, LLC's will strive to perform the required QC using whatever sample is available but will not report the QC results unless the client requests it. The reporting of client requested MS/MSD results will be charged at applicable unit rates. If MS/MSDs are specifically required or requested, the client must provide additional sample volume.

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Multiple Dilutions Analyzed -

Eurofins Environment Testing North Central, LLC strives to analyze samples without dilution or with the minimum dilution required. Samples are diluted to bring the primary analyte within the calibration range of the instrument, to compensate for matrix co-extractives, or to prevent instrument contamination. Eurofins Environment Testing North Central, LLC will report the analytical run containing the highest concentration component/analyte in the sample within the calibrated (quantifiable) range of the method. Analytical screening runs are not reported. If project specific data quality objectives require additional runs, analyses will be billable unless otherwise noted in this quote. Please contact your PM to inquire about the availability of this service for your project.

Sample Disposal -

Eurofins Environment Testing North Central, LLC will dispose of non-hazardous samples, sample extracts and digestates 30 days after the final report is issued. Charges for disposal of non-routine or uniquely hazardous samples will be billed to the client. Alternatively, samples can be returned to the client for disposal. Cost of return shipping will be billable to the client.

Special Sample Handling Fees -

Unit prices assume that samples are a single-phase matrix and that analyses can be performed in accordance with the laboratory's standard analytical procedures. If additional handling is required, additional fees may apply. Examples of special handling include (but are not limited to):

- Matrices requiring additional dilutions or special clean up steps
- Multiphasic samples requiring separate preparations and/or analyses
- Particle size reduction or special sub-sampling procedures
- Extra disposal costs for unique waste streams

Trip Blanks -

Eurofins Environment Testing North Central, LLC typically provides trip blanks with our sample kits containing volatile analysis. When samples are received at the laboratory with trip blanks, the lab will analyze, report and charge the unit rate for the analysis. Please add this sample to your chain of custody. If you do not want the trip blank analyzed, please note this on the COC.

ADDITIONAL BUSINESS TERMS AND CONDITIONS**Environmental Management Fee**

If this fee is included in the Other Charges section of the pricing page, a fee equal to the listed percentage of the total invoice amount will be applied to all work done under this quotation. The Fee will appear as a separate line item on each invoice. In the absence of any other firm pricing agreements, your sending work to us under this quotation will signify your acceptance of responsibility for payment of the Fee.

Field Parameters -

pH, Temperature, and Dissolved Oxygen analyses, along with Residual Chlorine screening, are properly performed and treated in the field at the time of sample collection. Laboratory analysis may result in a holding time exceedance qualifier.

Network or Subcontract Labs -

- **Networking:** Eurofins Environment Testing North Central, LLC reserves the right to perform the services at any laboratory in the Eurofins Environment Testing North Central, LLC network, unless the Client has required a particular location for the work.
- **Subcontracting:** Eurofins Environment Testing North Central, LLC reserves the right to subcontract services ordered by the Client to another laboratory or laboratories, if, in Eurofins TestAmerica's sole judgment, it is reasonably necessary, appropriate or advisable to do so. Eurofins TestAmerica will make every effort to notify the client prior to delivering samples to an out-of-network laboratory. Eurofins Environment Testing North Central, LLC will in no way be liable for any subcontracted services (outside the Eurofins Environment Testing North Central, LLC network) except for work performed at laboratories which have been audited and approved by Eurofins Environment Testing North Central, LLC.

Price Surcharge Due To Sample Volume -

Unless dictated by contract, this quotation is based on the scope of work defined in the quote request. If the volume of samples submitted is less than 70% of the projected volume, a surcharge of 10% of the total project cost may be assessed.

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Professional and Administrative Services -

A variety of professional and administrative services are available. Prices for services not specifically detailed in this quotation will be billed in accordance with Eurofins Environment Testing North Central, LLC's Professional Rate Schedule.

Taxes -

Where reports are issued in or delivered to a state which assesses sales tax on Eurofins Environment Testing North Central, LLC's services, applicable sales taxes will be added to the invoice as required by law, unless an appropriate sales tax exemption form is on file with Eurofins Environment Testing North Central, LLC.

Rev: 01/01/2022

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Groundwater

Matrix	Method	Test Description	Analyte	RL	MDL	Units
Water	8260D	VOCs (City of AnnArbor GW List)	1,1,1,2-Tetrachloroethane	1.00	0.430	ug/L
			1,1,1-Trichloroethane	1.00	0.480	ug/L
			1,1,2,2-Tetrachloroethane	1.00	0.600	ug/L
			1,1,2-Trichloroethane	1.00	0.480	ug/L
			1,1-Dichloroethane	1.00	0.470	ug/L
			1,1-Dichloroethene	1.00	0.490	ug/L
			1,2,3-Trichlorobenzene	1.00	0.540	ug/L
			1,2,3-Trichloropropane	1.00	0.520	ug/L
			1,2,3-Trimethylbenzene	5.00	0.310	ug/L
			1,2,4-Trichlorobenzene	1.00	0.770	ug/L
			1,2,4-Trimethylbenzene	1.00	0.520	ug/L
			1,2-Dibromo-3-Chloropropane	1	0.910	ug/L
			1,2-Dichlorobenzene	1.00	0.480	ug/L
			1,2-Dichloroethane	1.00	0.455	ug/L
			1,2-Dichloropropane	1.00	0.470	ug/L
			1,3,5-Trimethylbenzene	1.00	0.500	ug/L
			1,3-Dichlorobenzene	1.00	0.450	ug/L
			1,4-Dichlorobenzene	1.00	0.410	ug/L
			2-Hexanone	10.0	1.11	ug/L
			2-Methylnaphthalene	5.00	5.00	ug/L
			Chlorobromomethane	1.00	0.540	ug/L
			Acetone	10.0	5.41	ug/L
			Acrylonitrile	20.0	5.52	ug/L
			Benzene	1.00	0.420	ug/L
			Bromoform	1.00	0.760	ug/L
			Bromomethane	1.00	0.420	ug/L
			Carbon disulfide	5	0.590	ug/L
			Carbon tetrachloride	1.00	0.260	ug/L
			Chlorobenzene	1.00	0.380	ug/L
			Chloroethane	1.00	0.830	ug/L
			Chloroform	1.00	0.470	ug/L
			Chloromethane	1.00	0.630	ug/L
			cis-1,2-Dichloroethene	1.00	0.460	ug/L
			cis-1,3-Dichloropropene	1.00	0.610	ug/L
			Dibromomethane	1.00	0.400	ug/L
			Dichlorobromomethane	1.00	0.376	ug/L
			Dichlorodifluoromethane	1.00	0.350	ug/L
			Ethyl ether	1.00	0.610	ug/L
			Ethylbenzene	1.00	0.420	ug/L
			1,2-Dibromoethane	1.00	0.410	ug/L
			Iodomethane	1.00	0.690	ug/L
			Naphthalene	1.00	0.800	ug/L
			n-Butylbenzene	1.00	0.600	ug/L

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Matrix	Method	Test Description	Analyte	RL	MDL	Units
Continued						
			Isopropylbenzene	1.00	0.490	ug/L
			N-Propylbenzene	1.00	0.570	ug/L
			2-Butanone (MEK)	10.0	1.16	ug/L
			4-Methyl-2-pentanone (MIBK)	10.0	0.990	ug/L
			Methyl tert-butyl ether	1.00	0.470	ug/L
			Methylene Chloride	5	2.62	ug/L
			Styrene	1.00	0.450	ug/L
			Tetrachloroethene	1.00	0.440	ug/L
			Toluene	1.00	0.440	ug/L
			trans-1,2-Dichloroethene	1.00	0.510	ug/L
			trans-1,3-Dichloropropene	1.00	0.670	ug/L
			trans-1,4-Dichloro-2-butene	2.50	1.34	ug/L
			Trichloroethene	1.00	0.440	ug/L
			Trichlorofluoromethane	1.00	0.450	ug/L
			Vinyl chloride	1.00	0.450	ug/L
			Xylenes, Total	2.00	0.420	ug/L
			Chlorodibromomethane	1.00	0.390	ug/L
		Surrogate Cpnd				
			1,2-Dichloroethane-d4 (Surr)	1.00		
			4-Bromofluorobenzene (Surr)	1.00		
			Toluene-d8 (Surr)	1.00		
			Dibromofluoromethane (Surr)	1.00		
		Targeted TIC				
			Hexachloroethane TIC	1.00	1.00	
				RL	MDL	Units
Water	522	1,4 Dioxane (GC/MS SIM)	1,4-Dioxane	0.200	0.0610	ug/L
		Surrogate Cpnd				
			1,4-Dioxane-d8 (Surr)			

Wastewater - Quarterly

Matrix	Method	Test Description	Analyte	RL	MDL	Units
Water	8260D SIM	1,4-Dioxane	1,4-Dioxane	2.00	0.860	ug/L
		Surrogate Cpnd				
			1,2-Dichloroethane-d4 (Surr)			

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Wastewater - Quarterly

Matrix	Method	Test Description	Analyte	RL	MDL	Units
Continued						
Water	350.1	Nitrogen, Ammonia	Ammonia	0.200	0.147	mg/L
Water	624.1	VOCs (Vinyl Chloride)	Vinyl chloride	5.00	2.27	ug/L
		Surrogate Cpnd	4-Bromofluorobenzene (Surr) 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr)			
Water	4500-P E-2021	Phosphorus	Total Phosphorus as P	0.100	0.0760	mg/L

Wastewater - Annual

Matrix	Method	Test Description	Analyte	RL	MDL	Units
Water	5220D-1997	COD	Chemical Oxygen Demand	10.0	1.80	mg/L
Water	2540D-2020	TSS	Total Suspended Solids	4.00	0.400	mg/L
Water	8260D SIM	1,4-Dioxane	1,4-Dioxane	2.00	0.860	ug/L
		Surrogate Cpnd	1,2-Dichloroethane-d4 (Surr)			
Water	1664B	HEM and SGT-HEM	Oil & Grease (HEM) SGT-HEM	5.00 5.00	1.02 0.540	mg/L mg/L
Water	350.1	Nitrogen, Ammonia	Ammonia	0.200	0.147	mg/L
Water	351.2	Nitrogen, Total Kjeldahl	Nitrogen, Kjeldahl	1.00	0.475	mg/L

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Project: Ann Arbor Landfill

Quote Number: 24035150 - 0

Wastewater - Annual

Matrix	Method	Test Description	Analyte	RL	MDL	Units
Water	Kelada 01	Cyanide, Total	Cyanide, Total	0.00500	0.00276	mg/L
Water	Kelada 01	Cyanide, Available	Cyanide, Available	0.00500	0.00139	mg/L
			Cyanide, Weak Acid Dissociable	0.00500	0.00139	mg/L
Water	420.4	Phenolics, Total Recoverable	Phenolics, Total Recoverable	0.0100	0.00300	mg/L
Water	4500-P E-2021	Phosphorus	Total Phosphorus as P	0.100	0.0760	mg/L
Water	5210B-2011	BOD, 5-Day	Biochemical Oxygen Demand	2.00	2.00	mg/L
Water	624.1	VOCs (City of AnnArbor GW List)	Acrolein	100	10.4	ug/L
			Acrylonitrile	100	27.6	ug/L
			Benzene	5.00	2.08	ug/L
			Bromoform	5.00	3.80	ug/L
			Bromomethane	5.00	2.10	ug/L
			Carbon tetrachloride	5.00	1.30	ug/L
			Chlorobenzene	5.00	1.91	ug/L
			Chlorodibromomethane	5.00	1.95	ug/L
			Chloroethane	5.00	4.15	ug/L
			2-Chloroethyl vinyl ether	50.0	7.65	ug/L
			Chloroform	5.00	2.37	ug/L
			Chloromethane	5.00	3.17	ug/L
			cis-1,3-Dichloropropene	5.00	3.05	ug/L
			1,2-Dichlorobenzene	5.00	2.39	ug/L
			1,3-Dichlorobenzene	5.00	2.27	ug/L
			1,4-Dichlorobenzene	5.00	2.05	ug/L
			Dichlorobromomethane	5.00	1.88	ug/L
			1,1-Dichloroethane	5.00	2.33	ug/L
			1,1-Dichloroethene	5.00	2.45	ug/L
			1,2-Dichloropropane	5.00	2.36	ug/L
			Ethylbenzene	5.00	2.10	ug/L
			Methylene Chloride	25.0	13.1	ug/L
			1,1,2,2-Tetrachloroethane	5.00	2.98	ug/L

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Wastewater - Annual

Matrix	Method	Test Description	Analyte			
Continued				RL	MDL	Units
			Tetrachloroethene	5.00	2.22	ug/L
			Toluene	5.00	2.18	ug/L
			trans-1,2-Dichloroethene	5.00	2.55	ug/L
			trans-1,3-Dichloropropene	5.00	3.35	ug/L
			1,2,4-Trichlorobenzene	5.00	3.86	ug/L
			1,1,1-Trichloroethane	5.00	2.42	ug/L
			1,1,2-Trichloroethane	5.00	2.42	ug/L
			Trichloroethene	5.00	2.18	ug/L
			Vinyl chloride	5.00	2.27	ug/L
			Surrogate Cpnd			
			4-Bromofluorobenzene (Surr)			
			1,2-Dichloroethane-d4 (Surr)			
			Toluene-d8 (Surr)			
				RL	MDL	Units
Water	625.1	TTO SVOCs + TICs	Benzo[a]anthracene	10.0	0.0680	ug/L
			Benzo[a]pyrene	10.0	0.173	ug/L
			Benzo[b]fluoranthene	10.0	0.154	ug/L
			Benzo[g,h,i]perylene	10.0	0.178	ug/L
			Acenaphthene	10.0	0.172	ug/L
			Acenaphthylene	10.0	0.125	ug/L
			Anthracene	10.0	0.135	ug/L
			Benzo[k]fluoranthene	10.0	0.140	ug/L
			Butyl benzyl phthalate	10.0	0.666	ug/L
			Bis(2-chloroethoxy)methane	10.0	0.217	ug/L
			Bis(2-chloroethyl)ether	10.0	0.402	ug/L
			Bis(2-ethylhexyl) phthalate	10.0	2.22	ug/L
			4-Bromophenyl phenyl ether	10.0	0.499	ug/L
			2-Chloronaphthalene	10.0	0.232	ug/L
			4-Chlorophenyl phenyl ether	10.0	0.551	ug/L
			Chrysene	10.0	0.0660	ug/L
			Dibenz(a,h)anthracene	10.0	0.151	ug/L
			Di-n-butyl phthalate	10.0	1.80	ug/L
			3,3'-Dichlorobenzidine	10.0	1.15	ug/L
			Diethyl phthalate	10.0	0.405	ug/L
			Dimethyl phthalate	10.0	0.515	ug/L
			2,4-Dinitrotoluene	10.0	2.07	ug/L
			2,6-Dinitrotoluene	10.0	1.06	ug/L
			Di-n-octyl phthalate	10.0	0.821	ug/L
			Fluoranthene	10.0	0.160	ug/L
			Fluorene	10.0	0.0790	ug/L
			Hexachlorobenzene	10.0	0.161	ug/L
Hexachlorobutadiene	10.0	0.543	ug/L			

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Wastewater - Annual

Matrix	Method	Test Description	Analyte				
Continued				RL	MDL	Units	
			2,2'-oxybis[1-chloropropane]	10.0	0.235	ug/L	
			Hexachloroethane	10.0	0.395	ug/L	
			Indeno[1,2,3-cd]pyrene	10.0	0.135	ug/L	
			Isophorone	10.0	0.324	ug/L	
			Naphthalene	10.0	0.109	ug/L	
			Nitrobenzene	10.0	0.514	ug/L	
			N-Nitrosodi-n-propylamine	10.0	0.253	ug/L	
			Phenanthrene	10.0	0.0800	ug/L	
			Pyrene	10.0	0.0830	ug/L	
			4-Chloro-3-methylphenol	10.0	0.296	ug/L	
			2-Chlorophenol	10.0	0.273	ug/L	
			2,4-Dichlorophenol	10.0	0.262	ug/L	
			2,4-Dimethylphenol	10.0	0.250	ug/L	
			2,4-Dinitrophenol	50.0	2.55	ug/L	
			4,6-Dinitro-2-methylphenol	50.0	2.82	ug/L	
			2-Nitrophenol	10.0	0.564	ug/L	
			4-Nitrophenol	50.0	2.17	ug/L	
			Pentachlorophenol	10.0	3.10	ug/L	
			Phenol	10.0	0.403	ug/L	
			2,4,6-Trichlorophenol	10.0	1.80	ug/L	
			Benzidine	5.00	1.88	ug/L	
			Hexachlorocyclopentadiene	10.0	1.76	ug/L	
			N-Nitrosodimethylamine	1.00	0.219	ug/L	
			N-Nitrosodiphenylamine	10.0	0.440	ug/L	
			1,2-Diphenylhydrazine	1.00	0.433	ug/L	
			Surrogate Cpnd				
				2-Fluorophenol			
				2,4,6-Tribromophenol			
				Nitrobenzene-d5			
			Phenol-d5				
			Terphenyl-d14				
			2-Fluorobiphenyl (Surr)				
				RL	MDL	Units	
Water	608.3	TTO PCBs	Aroclor-1016	0.100	0.0560	ug/L	
			Aroclor-1221	0.100	0.0570	ug/L	
			Aroclor-1232	0.100	0.0740	ug/L	
			Aroclor-1242	0.100	0.0760	ug/L	
			Aroclor-1248	0.100	0.0500	ug/L	
			Aroclor-1254	0.100	0.0400	ug/L	
			Aroclor-1260	0.100	0.0460	ug/L	

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Wastewater - Annual

Matrix	Method	Test Description	Analyte			
Continued		Surrogate Cpnd	DCB Decachlorobiphenyl Tetrachloro-m-xylene			
				RL	MDL	Units
Water	200.7 Rev 4.4	Annual Metals: Sb, As, Be, Ag, Cd, Cr, Cu, Pb, Mo, Ni, Se, Ti, Zn	Arsenic	0.0100	0.00405	mg/L
			Cadmium	0.00200	0.000450	mg/L
			Chromium	0.00500	0.000758	mg/L
			Copper	0.0250	0.00355	mg/L
			Beryllium	5.00	0.601	ug/L
			Lead	0.00500	0.00277	mg/L
			Nickel	0.0400	0.00220	mg/L
			Silver	0.00500	0.00135	mg/L
			Zinc	0.0500	0.0225	mg/L
			Molybdenum	40.0	4.88	ug/L
			Antimony	10.0	7.46	ug/L
			Selenium	15.0	5.96	ug/L
			Thallium	10.0	2.68	ug/L
				RL	MDL	Units
Water	245.1	Mercury	Mercury	0.000200	0.000130	mg/L
				RL	MDL	Units
Water	2540 C-2020	Solids, Total Dissolved (TDS)	Total Dissolved Solids	10.0	7.80	mg/L
				RL	MDL	Units
Water	608.3	TTO Pest	Aldrin	0.0500	0.00650	ug/L
			alpha-BHC	0.0500	0.00530	ug/L
			beta-BHC	0.0500	0.00930	ug/L
			delta-BHC	0.0500	0.00430	ug/L
			gamma-BHC (Lindane)	0.0500	0.00600	ug/L
			Chlordane (technical)	0.500	0.0465	ug/L
			4,4'-DDD	0.0500	0.00530	ug/L
			4,4'-DDE	0.0500	0.00430	ug/L
			4,4'-DDT	0.0500	0.00480	ug/L
			Dieldrin	0.0500	0.00650	ug/L
			Endosulfan I	0.0500	0.00370	ug/L
			Endosulfan II	0.0500	0.00620	ug/L
			Endosulfan sulfate	0.0500	0.00370	ug/L
			Endrin	0.0500	0.00650	ug/L
			Endrin aldehyde	0.0500	0.00460	ug/L
			Heptachlor	0.0500	0.00820	ug/L

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Wastewater - Annual

Matrix	Method	Test Description	Analyte	RL	MDL	Units
Continued						
			Heptachlor epoxide	0.0500	0.00640	ug/L
			Toxaphene	2.00	0.0581	ug/L
			Chlordane (technical) Peak 1	0.500	0.0465	ug/L
			Chlordane (technical) Peak 2	0.500	0.0465	ug/L
			Chlordane (technical) Peak 3	0.500	0.0465	ug/L
			Chlordane (technical) Peak 4	0.500	0.0465	ug/L
			Toxaphene Peak 1	2.00	0.0581	ug/L
			Toxaphene Peak 2	2.00	0.0581	ug/L
			Toxaphene Peak 3	2.00	0.0581	ug/L
			Toxaphene Peak 4	2.00	0.0581	ug/L
			Toxaphene Peak 5	2.00	0.0581	ug/L
			cis-Chlordane	0.0500	0.00700	ug/L
			trans-Chlordane	0.0500	0.00500	ug/L
		Surrogate Cpnd	DCB Decachlorobiphenyl			
			Tetrachloro-m-xylene			
				NONE	NONE	Units
Water	625	Dioxin Screen - 625 (GC/MS SIM)	2,3,7,8-TCDD (Screen)			
				RL	MDL	Units
Water	1633	Project List	Perfluorooctanesulfonic acid (PFOS)	2.00	0.500	ng/L
			Perfluorooctanoic acid (PFOA)	2.00	0.540	ng/L
			Perfluorononanoic acid (PFNA)	2.00	0.500	ng/L
			Perfluorobutanesulfonic acid (PFBS)	2.00	0.500	ng/L
			Perfluorohexanesulfonic acid (PFHxS)	2.00	0.500	ng/L
		Isotope Dilution				
			13C8 PFOS	25.0		
			13C8 PFOA	25.0		
			13C9 PFNA	12.5		
			13C3 PFBS	24.0		
			13C3 PFHxS	24.0		

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Analytical Sample Information

Analysis Method	Matrix	Preservative	Client Sub List Desc Container	Volume Required	Holding Time
1,4 Dioxane (GC/MS SIM) 522	Water	Hydrochloric Acid	1,4 Dioxane (GC/MS SIM) Amber Glass 250mL - hydrochloric acid	250 mL	28 Days
BOD, 5-Day 5210B	Water	None	BOD, 5-Day Plastic 1 liter - unpreserved	1000 mL	48 Hours
COD 5220D	Water	Sulfuric Acid	COD Plastic 250ml - with Sulfuric Acid	50 mL	28 Days
Cyanide, Available Kelada_AvailCn	Water	Sodium Hydroxide	Cyanide, Available Amber Plastic 125 mL - NaOH	0 mL	14 Days
Cyanide, Total, Acid Dissociable and Thiocyanate Kelada_01	Water	Sodium Hydroxide	Cyanide, Total Amber Plastic 125 mL - NaOH	50 mL	14 Days
Dioxin Screen (GC/MS SIM) 625DioxinScreen	Water	None	Dioxin Screen - 625 (GC/MS SIM) Amber Glass 1 liter - unpreserved	2000 mL	7 Days
HEM and SGT-HEM 1664B_NP	Water	Sulfuric Acid	HEM and SGT-HEM Amber Glass 1 liter - Sulfuric Acid	2000 mL	28 Days
Mercury (CVAA) 245.1	Water	Nitric Acid	Mercury Plastic 500ml - with Nitric Acid	100 mL	28 Days
Metals (ICP) 200.7	Water	Nitric Acid	Annual Metals: Sb, As, Be, Ag, Cd, Cr, Cu, Pb, Mo, Ni, Se, Ti, Zn Plastic 500ml - with Nitric Acid	100 mL	180 Days
Nitrogen, Ammonia 350.1	Water	Sulfuric Acid	Nitrogen, Ammonia Plastic 250ml - with Sulfuric Acid	50 mL	28 Days
Nitrogen, Total Kjeldahl 351.2	Water	Sulfuric Acid	Nitrogen, Total Kjeldahl Plastic 250ml - with Sulfuric Acid	75 mL	28 Days
Organochlorine Pesticides in Water 608.3_Pest_PREC	Water	None	TTO Pest Amber Glass 1 liter - unpreserved	2000 mL	7 Days
Per- and Polyfluoroalkyl Substances by LC/MS/MS 1633_Final	Water	None	Project List Plastic 125 mL oblong - unpreserved	250 mL	28 Days
Phenolics, Total Recoverable 420.4_NP	Water	Sulfuric Acid	Phenolics, Total Recoverable Voa Vial 40mL Amber - H2SO4	20 mL	28 Days
Phosphorus			Phosphorus		

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4500_P_E	Water	Sulfuric Acid	Plastic 250ml - with Sulfuric Acid	50 mL	28 Days
Polychlorinated Biphenyls (PCBs) (GC)			TTO PCBs		
608.3_PCB_PREC	Water	None	Amber Glass 1 liter - unpreserved	2000 mL	1 Year
Semivolatile Organic Compounds (GC/MS)			TTO SVOCs + TICs		
625.1_PREC	Water	None	Amber Glass 1 liter - unpreserved	2000 mL	7 Days
Solids, Total Dissolved (TDS)			Solids, Total Dissolved (TDS)		
2540C_Calcd	Water	None	Plastic 500ml - unpreserved	200 mL	7 Days
Solids, Total Suspended (TSS)			TSS		
2540D	Water	None	Plastic 1 liter - unpreserved	1000 mL	7 Days
Volatile Organic Compounds (GC/MS)			1,4-Dioxane		
8260D_SIM	Water	Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acid	120 mL	14 Days
Volatile Organic Compounds (GC/MS)			VOCs (City of AnnArbor GW List)		
624.1_PREC	Water	None	Voa Vial 40ml - unpreserved	120 mL	3 Days
Volatile Organic Compounds (GC/MS)			VOCs (Vinyl Chloride)		
624.1_PREC	Water	Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acid	120 mL	14 Days
Volatile Organic Compounds by GC/MS			VOCs (City of AnnArbor GW List)		
8260D	Water	Hydrochloric Acid	Voa Vial 40ml - Hydrochloric Acid	120 mL	14 Days

Hold Times listed above represent the minimum allotted time between sampling and lab extraction, prep or analysis.

Multiple analyses may be consolidated into fewer containers. Please contact your Project Manager for clarification when requesting sample containers.

Except for some special tests, all samples should be kept cold at 6 degrees C.

**EUROFINS ENVIRONMENT TESTING NORTH CENTRAL, LLC
TERMS AND CONDITIONS OF SALE (Short Form)**

When a purchaser ("Client") places an order for laboratory, consulting, or sampling services from Eurofins Environment Testing North Central, LLC ("EETNC"), a Delaware limited liability company, EETNC shall provide the ordered services pursuant to these Terms and Conditions and the related Quotation or Price Schedule, or as agreed in a negotiated contract. In the absence of a written agreement to the contrary, a client order constitutes an acceptance by the Client of EETNC's offer to do business under these Terms and Conditions, and an agreement to be bound by these Terms and Conditions. Receipt of a Client's samples at an EETNC laboratory constitutes acceptance of these Terms and Conditions (in the absence of any other negotiated contract). No contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract created upon acceptance of these Terms and Conditions, unless accepted by EETNC in writing.

1. ORDERS AND RECEIPT OF SAMPLES

1.1 A Client may place an order (i.e., specify a Scope of Work) either by submitting a purchase order to EETNC in writing or by telephone subsequently confirmed in writing, or by negotiated contract. Whichever option the Client selects for placing an order, the order shall not be valid unless it contains sufficient specification to enable EETNC to carry out the Client's requirements. In particular, samples must be accompanied by: a) adequate instruction on type of analysis requested, and b) complete written disclosure of the known or suspected presence of any hazardous substances, as defined by applicable federal or state law. If a Client fails to provide these required disclosures accompanying the submission of samples, and such failure results in an interruption in the lab's ability to process work due to contamination of instruments or work areas, the Client will be responsible for the costs of clean-up and recovery.

1.2 The Client shall provide one week's advance notice of the sample delivery schedule, or any changes to the schedule, whenever possible. Upon timely delivery of samples, EETNC will use its best efforts to meet mutually agreed turnaround times. All turnaround times will be calculated from the point in time when EETNC has determined that it can proceed with defined work following receipt, inspection of samples, and resolution of any discrepancies in Chain-of-Custody forms and project guidance regarding work to be done (Sample Delivery Acceptance). Rush turnaround times not requested in advance of the delivery of samples and specifically agreed to by the lab are not guaranteed. If the Client changes the sample delivery schedule prior to Sample Delivery Acceptance, EETNC reserves its rights to modify its turnaround time commitment, change the date upon which EETNC will accept samples, or refuse Sample Delivery Acceptance for the affected samples.

1.3 EETNC reserves the right, exercisable at any time, to refuse or revoke Sample Delivery Acceptance for any sample which in the sole judgment of EETNC: a) is of unsuitable volume; b) may pose a risk or become unsuitable for handling, transport, or processing for any health, safety, environmental or other reason, whether or not due to the presence of any hazardous substance in the sample and whether or not such presence has been disclosed to EETNC by the Client; or c) holding times cannot be met, due to passage of more than 48 hours from the time of sampling or 1/2 the holding time for the requested test, whichever is less.

1.4 Prior to Sample Delivery Acceptance, the entire risk of loss or damage to samples remains with the Client, except where EETNC provides courier services. In no event will EETNC have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from EETNC's premises. Client is responsible for assuring that any sample that contains or may contain any hazardous substance to be delivered to EETNC's premises is properly packaged, labeled, transported and delivered, all in accordance with applicable laws.

1.5 EETNC reserves the right to begin processing samples upon receipt, unless the Client specifically notifies EETNC in writing prior to sample receipt that the samples are to be held without preparation or other processing or pending receipt of a purchase order. EETNC shall under no circumstances be responsible for missed holding times or turnaround times or for re-sampling costs if samples are released from hold with less than 48 hours or 1/2 the holding time for the requested test remaining, whichever is less.

2. PAYMENT TERMS

2.1 Services performed by EETNC will be in accordance with prices quoted and later confirmed in writing or as stated in the Price Schedule. Quoted prices do not include sales tax. Applicable sales tax will be added to invoices where required by law.

2.2 Invoices may be submitted to Client upon completion of any sample delivery group. Billing corrections must be requested within 30 days of invoice date. Payment in advance is required for all clients except those whose credit has been established with EETNC. For clients with approved credit, payment terms are net 30 days from the date of invoice by EETNC, unless alternative terms have been agreed in a separate written agreement. Payment shall be made without retainage and shall not be contingent upon the receipt of funds from third parties. All overdue payments are subject to an additional interest and service charge of one- and one-half percent (1.5%) (or the maximum rate permissible by law, whichever is less) per month or portion thereof from the due date until the date of payment. All fees are charged or billed directly to the Client. The billing of a third party will not be accepted without a statement, signed by the third party, acknowledging, and accepting payment responsibility in accordance with these payment terms.

2.3 If Client fails to make timely payment of its invoices, EETNC reserves the right to pursue all appropriate remedies, including withdrawing certifications, suspending work, and withholding delivery of data under this order without recourse. Client shall be responsible for all reasonable fees, expenses, and costs of collection including but not limited to arbitrator's and attorney's fees. EETNC reserves the right to refuse to proceed with work at any time based upon an unfavorable Client credit report.

3. CHANGE ORDERS, TERMINATION

3.1 Changes to the Scope of Work, price, or result delivery date may be initiated by EETNC after Sample Delivery Acceptance due to any condition which conflicts with analytical, QA or other protocols warranted in these Terms and Conditions. EETNC will not proceed with such changes until an agreement with the Client is reached on the amount of any cost, schedule change or technical change to the Scope of Work, and such agreement is documented in writing.

3.2 Changes to the Scope of Work, including but not limited to increasing or decreasing the work, changing test and analysis specification, or acceleration in the performance of the work may be initiated by the Client after Sample Delivery Acceptance. Such change must be documented in writing and may result in a change in cost and turnaround time commitment. EETNC's acceptance of such changes is contingent upon technical feasibility and operational capacity.

3.3 Suspension or termination of all or any part of the work may be initiated by the Client. EETNC will be compensated consistent with Section 2 of these Terms and Conditions. EETNC will complete all work in progress and be paid in full for all work completed, including all costs incurred and reasonable profit margin, even if EETNC does not issue a final or partial report.

4. WARRANTIES AND LIABILITY

4.1 Where applicable, EETNC will use appropriate and approved analytical test methods. EETNC has referenced these methods in its Laboratory Quality Manuals and has documented them in Standard Operating Procedures. EETNC reserves the right based on its reasonable judgment to deviate from these methodologies as necessary or appropriate to the extent required by the nature or composition of the sample, which deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or EETNC's Laboratory Quality Manuals. Client may request that EETNC perform according to a mutually agreed Quality Assurance Project Plan (QAPP). If samples arrive prior to agreement on a QAPP, EETNC will proceed with analyses under its standard Quality Manuals then in effect. EETNC will not be responsible for any resampling or other charges if work must be repeated to comply with a subsequently finalized QAPP.

4.2 EETNC shall start preparation and/or analysis within holding times provided that Sample Delivery Acceptance occurs within 48 hours of sampling or 1/2 of the holding time for the test, whichever is less,

unless the Client has specifically requested that EETNC hold the samples without preparation or other processing or pending receipt of a purchase order. Where resolution of inconsistencies leading to Sample Delivery Acceptance does not occur within this period, EETNC will use its best efforts to meet holding times and will proceed with the work provided that, in EETNC's judgment, the chain-of-custody or definition of the Scope of Work provide sufficient guidance. Reanalysis of samples to comply with EETNC's Quality Manuals will be deemed to have met holding times provided the initial analysis was performed within the applicable holding time. Where reanalysis demonstrates that sample matrix interference is the cause of failure to meet any Quality Manual requirements, the warranty will be deemed to have been met.

4.3 EETNC warrants that it possesses and maintains all licenses and certifications that are required to perform services under these Terms and Conditions provided that such requirements are specified in writing to EETNC prior to Sample Delivery Acceptance. EETNC will notify the Client in writing of any decertification or revocation of any license, or notice of either, that affects work in progress.

4.4 The warranty obligations set forth in Sections 4.1, 4.2 and 4.3 are the sole and exclusive warranties given by EETNC in connection with any services performed by EETNC or any results generated from such services, and EETNC gives and makes NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. No representative of EETNC is authorized to give or make any other representation or warranty or modify this warranty in any way.

4.5 Client's sole and exclusive remedy for breach of warranty in connection with any services performed by EETNC will be limited to repeating any services performed, contingent on the Client's providing, at the request of EETNC and at the Client's expense, additional sample(s) if necessary. Any reanalysis requested by the Client generating results consistent with the original results will be at the Client's expense. If resampling is necessary, EETNC's liability for resampling costs will be limited to actual cost or one hundred and fifty dollars (\$150) per sample, whichever is less.

4.6 EETNC's liability for any and all causes of action arising hereunder, whether based in contract, tort, warranty, negligence or otherwise, shall be limited to the lesser amount of compensation for the services performed or \$100,000. All claims, including those for negligence, shall be deemed waived unless suit thereon is filed within one year after EETNC's completion of the services. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall EETNC be responsible for loss of use, loss of profits, or for any special, indirect, incidental or consequential damages occasioned by the services performed or by application or use of the reports prepared.

4.7 In no event shall EETNC have any responsibility or liability to the Client for any failure or delay in performance by EETNC that results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of EETNC. Such causes and circumstances include, but are not limited to, acts of God, acts of Client, acts or orders of any governmental authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, equipment breakdown, matrix interference or unknown highly contaminated samples that impact instrument operation, unavailability of supplies from usual suppliers, difficulties or delays in transportation, mail or delivery services, or any other cause beyond EETNC's reasonable control.

5. RESULTS, WORK PRODUCT

5.1 Data or information provided to EETNC or generated by services performed under this agreement shall only become the property of the Client upon receipt in full by EETNC of payment for the entire order. Ownership of any analytical method, QA/QC protocols, software programs or equipment developed by EETNC for performance of work will be retained by EETNC. Client shall not disclose such information to any third party without EETNC's express prior consent.

5.2 Data and sample materials provided by Client or at Client's request, and the result obtained by EETNC shall be held in confidence

(unless such information is generally available to the public or is in the public domain or Client has failed to pay EETNC for all services rendered or is otherwise in breach of these Terms and Conditions), subject to any disclosure required by law or legal process.

5.3 Should the results delivered by EETNC be used by the Client or Client's client, even though subsequently determined not to meet the warranties described in these Terms and Conditions, then the compensation will be adjusted based upon mutual agreement. In no case shall the Client unreasonably withhold EETNC's right to independently defend its data.

5.4 EETNC reserves the right to perform the services at any laboratory in the EETNC network. If a Client has requested a particular location for the work, EETNC will inform the Client when operational constraints require the work to be performed at another EETNC location. In addition, EETNC reserves the right to subcontract services ordered by the Client to another laboratory or laboratories, if, in EETNC's sole judgment, it is reasonably necessary, appropriate or advisable to do so. EETNC will in no way be liable for any subcontracted services (outside the EETNC network) except for work performed at laboratories which have been audited and approved by EETNC.

5.5 EETNC will dispose of non-hazardous samples, sample extracts and digestates 30 days after the final analytical report is issued, unless instructed to store them for an alternate period of time or to return such samples to the Client, in a manner consistent with U.S. Environmental Protection Agency regulations or other applicable federal, state or local requirements. Charges for disposal will be billed to the client. Alternatively, samples can be returned to the client for disposal. Cost of return shipping will be billable to the client. Air samples in Summa canisters and tedlar bags are used and the containers cleaned immediately after testing, such that those samples are not retained. Longer storage periods may be requested and may be accommodated if space allows, and for an additional charge. Any samples for projects that are canceled or not accepted, or for which return was requested, will be returned to the Client at its own expense. EETNC reserves the right to return to the Client any sample or unused portion of a sample that is not within EETNC's permitted capability or the capabilities of EETNC's designated waste disposal vendor(s). ALL DIOXIN, MIXED WASTE, AND RADIOACTIVE SAMPLES WILL BE RETURNED TO THE CLIENT, unless prior arrangements for disposal are made.

5.6 Unless a different time period is agreed to in an order under these Terms and Conditions, EETNC agrees to retain all records for five (5) years.

5.7 If EETNC is required to respond to legal process related to services for Client, Client agrees to reimburse EETNC for hourly charges for personnel involved in the response and attorney's fees reasonably incurred in obtaining advice concerning the response, preparation to testify, and appearances related to the legal process, travel and all reasonable expenses associated with the litigation. Additional consulting beyond that normally associated with lab reports will be billed at EETNC's current published rates.

6. INSURANCE

6.1 During the performance of services under these Terms and Conditions, EETNC shall maintain in force Workers' Compensation and Employer's Liability Insurance in accordance with the laws of the states having jurisdiction over EETNC's employees who are engaged in the performance of the work. EETNC shall also maintain during such period Comprehensive General and Contractual Liability (limit of \$1,000,000 per occurrence; \$2,000,000 aggregate), Comprehensive Automobile Liability, owned and hired (\$1,000,000 combined single limit), Professional Liability Insurance (limit of \$5,000,000 per claim/aggregate), and Pollution Liability Insurance (limit of \$1,000,000 per claim/aggregate).

7. MISCELLANEOUS PROVISIONS

7.1 These Terms and Conditions, together with any additions or revisions which may be agreed to in writing by EETNC, embody the whole agreement of the parties and provide the only remedies available. There are no promises, terms, conditions, understandings, obligations or

agreements other than those contained herein, and these Terms and Conditions shall supersede all previous communications, representations, or agreements, either verbal or written, between the Client and EETNC. These Terms and Conditions, and any transactions or agreements to which they apply, shall be governed both as to interpretation and performance by the laws of the state where EETNC's services are performed.

7.2 The invalidity or unenforceability, in whole or in part, of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of these Terms and Conditions, the intent of the parties being that the provisions be severable. The section headings of these Terms and Conditions are intended solely for convenient reference and shall not define, limit or affect in any way these Terms and Conditions or their interpretations. No waiver by either party of any provision, term or condition hereof or of any obligation of the other party hereunder shall constitute a waiver of any subsequent breach or other obligation.

7.3 The obligations, liabilities, and remedies of the parties, as provided herein, are exclusive and in lieu of any others available at law or in equity. Indemnifications, releases from liability and limitations of liability shall apply, notwithstanding the fault, negligence or strict liability of the party to be indemnified, released, or whose liability is limited, except to the extent of sole negligence or willful misconduct.



4171 40th Street, SE
Kentwood, MI 49512
Phone: 616-975-4500
Fax: 616-942-7463

Quote Prepared for:

Tetra Tech
136 Oak Valley Drive, Suite 100
Ann Arbor, MI 48108

Alison Rauss
(734) 213-4074
alison.rauss@tetrattech.com

Quote Information

Quote Name 00182664 - TetraTech-City of Ann Arbor
Landfill-03/28/25
Quote Number 00182664

Created Date 3/31/2025
Expiration Date 6/30/2027

Pace® Contact Information

Account Executive
Duane Hattem
duane.hattem@pacelabs.com
(616) 307-1587

Pace Project Manager
Brian Hall
brian.hall@pacelabs.com
(616) 975-4544

Project Information

Standard TAT: 10 Business Days
Project Location MI
Special Instructions Analysis performed at Pace® Indianapolis except for PFA compounds at Pace® Minneapolis Available Cyanide at Pace® Dayton, BOD at Pace® Grand Rapids, and 1,4 Dioxane at Pace® Green Bay and Pace® Ormond Beach, FL.

Standard turnaround time for PFAS is fifteen (15) business days, upon sample receipt and log in at laboratory performing the analysis.

-Any required QC samples or blanks are billable at the sample rate.

Shipping Information Shipping labels provided and return shipping covered.

For sample kit orders requested in two (2) business days or less a rush sample preparation kit fee and expedited outbound shipping charges will be applied.

Report Level Level II
EDD Requirements: NA
Certification NA
Requirements

Payment Information

Customer Invoice oga.eca.accountspayable@tetrattech.com
To Contact:
Customer Invoice oga.eca.accountspayable@tetrattech.com
To Email:
Credit Application Credit Approved
Approved?

Is P.O. Required for Yes
Payment?

Minimum Laboratory Fee (per work order)

\$300

Quote Details



4171 40th Street, SE
Kentwood, MI 49512
Phone: 616-975-4500
Fax: 616-942-7463

Item #	Quantity	Method	Matrix	Product	Line Item Description	Sales Price	Sub-Total	Total-Price
GROUNDWATER SEMI-ANNUAL	66.00	EPA 8260	Water Only	Volatile Organic Compounds (VOCs) (water)	Includes 4 Field Blanks	\$75.00	\$4,950.00	\$4,950.00
	44.00	EPA 522	Water Only	1,4-Dioxane ONLY (water)	Pace® Ormond Beach, FL	\$150.00	\$6,600.00	\$6,600.00
Trip Blanks	4.00	EPA 8260	Water Only	Volatile Organic Compounds (VOCs) (water)		\$75.00	\$300.00	\$300.00
	4.00	EPA 522	Water Only	1,4-Dioxane ONLY (water)	Pace® Ormond Beach, FL	\$150.00	\$600.00	\$600.00
WASTEWATER QUARTERLY	16.00	EPA 8260 SIM	Water Only	1,4-Dioxane ONLY (Low-level) (water)	Pace® Green Bay	\$105.00	\$1,680.00	\$1,680.00
	16.00	EPA 624.1	Water Only	Volatile Organic Compounds (VOCs) (water)	Vinyl Chloride	\$65.00	\$1,040.00	\$1,040.00
	16.00	SM 4500-NH3	Water Only	Nitrogen, Ammonia (water)		\$28.00	\$448.00	\$448.00
	16.00	EPA 365.1	Water Only	Phosphorus, Total (water)		\$29.00	\$464.00	\$464.00
Trip Blanks	8.00	EPA 8260 SIM	Water Only	1,4-Dioxane ONLY (Low-level) (water)	Pace® Green Bay	\$105.00	\$840.00	\$840.00
	8.00	EPA 624.1	Water Only	Volatile Organic Compounds (VOCs) (water)	Vinyl Chloride	\$65.00	\$520.00	\$520.00
WASTEWATER ANNUALLY	4.00	EPA 410.4	Water Only	Chemical Oxygen Demand (COD)		\$30.00	\$120.00	\$120.00
	4.00	SM 2540D	Water Only	Solids, Total Suspended (TSS)		\$20.00	\$80.00	\$80.00
	4.00	EPA 8260 SIM	Water Only	1,4-Dioxane ONLY (Low-level) (water)	Pace® Green Bay	\$105.00	\$420.00	\$420.00
	4.00	EPA 1664	Water Only	Oil & Grease HEM (water)		\$60.00	\$240.00	\$240.00
	4.00	EPA 1664	Water Only	Total Petroleum Hydrocarbons (TPH) (SGT-HEM) (water)		\$70.00	\$280.00	\$280.00
	4.00	SM 4500-NH3	Water Only	Nitrogen, Ammonia (water)		\$28.00	\$112.00	\$112.00
	4.00	EPA 351.2	Water Only	Nitrogen, Total Kjeldahl (TKN) (water)		\$32.00	\$128.00	\$128.00
	4.00	EPA 335.4	Water Only	Cyanide, Total (water)		\$45.00	\$180.00	\$180.00
	4.00	EPA OIA 1677-09	Water Only	Available Cyanide (water)	Pace® Dayton	\$65.00	\$260.00	\$260.00
	4.00	EPA 420.1	Water Only	Phenolics, Total (water)		\$40.00	\$160.00	\$160.00
	4.00	EPA 365.1	Water Only	Phosphorus, Total (water)		\$29.00	\$116.00	\$116.00
	4.00	SM 5210B	Water Only	Biochemical Oxygen Demand (BOD5)	48 Hour Holding Time; Pace Grand Rapids	\$40.00	\$160.00	\$160.00



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	4.00	EPA 200.7 (ICP)	Water Only	Metal Analysis (7 Metals) (water)	Antimony, Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead	\$70.00	\$280.00	\$280.00
	4.00		Water Only	Metals Digestion (per sample)	WAIVED	\$0.00	\$0.00	\$0.00
	4.00	EPA 245.1	Water Only	Mercury, CVAA (water)		\$35.00	\$140.00	\$140.00
	6.00	EPA 624.1	Water Only	Volatile Organic Compounds (VOCs) (water)	Includes 2 field blanks	\$100.00	\$600.00	\$600.00
	4.00	EPA 625.1	Water Only	Semi-Volatile Organic Compounds (SVOCs) - Total Toxic Organics (40CFR122 Appendix D) (water)		\$230.00	\$920.00	\$920.00
	4.00	EPA 608.3	Water Only	Polychlorinated Biphenyls (PCBs) (wastewater)		\$80.00	\$320.00	\$320.00
	4.00	EPA 608.3	Water Only	Pesticides, Organochlorine (GC) (wastewater)		\$80.00	\$320.00	\$320.00
	4.00	SM 2540C	Water Only	Solids, Total Dissolved (TDS)		\$20.00	\$80.00	\$80.00
	4.00	EPA 625.1	Water Only	Semi-Volatile Organic Compounds (SVOCs)-Total Toxic Organics w/ 2,3,7,8-TCDD screen (40CFR122 Appendix D) (water)	2,3,7,8-TCDD Dioxin Screen	\$50.00	\$200.00	\$200.00
	4.00	PFAS by ID-Aqueous	Water Only	PFAS by Isotope Dilution SOP (water)	Pace® Minneapolis - PFOS, PFOA, PFBS, PFHxSA, PFNA	\$325.00	\$1,300.00	\$1,300.00
	4.00	EPA 624	Water Only	Tentatively Identified Compounds (TICs) - VOCs		\$20.00	\$80.00	\$80.00
	4.00	EPA 625	Water Only	Tentatively Identified Compounds (TICs) - SVOCs		\$20.00	\$80.00	\$80.00
Trip Blanks	2.00	EPA 8260 SIM	Water Only	1,4-Dioxane ONLY (Low-level) (water)	Pace® Green Bay	\$105.00	\$210.00	\$210.00
	2.00	EPA 624.1	Water Only	Volatile Organic Compounds (VOCs) (water)		\$100.00	\$200.00	\$200.00
	8.00			Environmental Impact Fee (Per Invoice)		\$33.00	\$264.00	\$264.00
	100.00			Sample Disposal (per sample)	PER SAMPLE	\$9.00	\$900.00	\$900.00
Estimated Grand-Total							\$25,592.00	

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Additional Pricing Considerations:

If you have specific questions about any conditions noted below, please contact your Pace Analytical Representative.

• Unless accepted, signed and returned, or otherwise noted above, proposal expires 60 days from Created Date above.

• Quoted prices include standard Pace Analytical QA/QC, reporting limits, compound lists and standard report format unless noted otherwise.



- If project specific MS/MSD samples are submitted, they may be billable.
- Volatile soils need to be frozen within 48 hours of collection. To facilitate this, they should be submitted to the lab within 40 hours of collection.
- TAT (Turn Around Time) is in working days unless otherwise specified above.
- To ensure requested TAT is available, please coordinate with your Pace Analytical representative at time of sample submittal.
- Any deviation from the above quoted scope of work, including sample arrival date and volume, may result in adjustment of prices.
- Please include Quote Number on Chain-of-custody to ensure proper billing.
- Pricing includes standard delivery of bottle/sample kits and coolers.
- Charges will apply for non-standard shipping and for projects where shipping exceeds 10% of the total analytical costs of the shipment.
- All air and air-related equipment charges (i.e. rental fees for unused, unreturned or damaged equipment, are detailed in the Pace® Canister Use Policy)
- PACE RESERVES THE RIGHT TO SURCHARGE ON CREDIT CARD PAYMENTS BASED ON CARD TYPE AND ZIP CODE
- PACE RESERVES THE RIGHT TO PASS ALONG ALL EXPEDITED SHIPPING FEES. A MINIMUM FEE OF \$100 PER COOLER MAY BE APPLIED.

Pace Analytical Terms and Conditions

These Standard Terms (Terms) govern all services that Pace Analytical _____ ("Lab") will perform on behalf of _____ ("Client"), and supersede any other written provisions (including purchase/work orders) related to the services, as well as all prior discussions, courses of dealing, and/or performance, unless a separate, executed agreement for the same or similar services already exists between the Lab and Client (collectively "the Parties"), or the Parties subsequently agree to terminate or amend these Terms, as allowed in Section 10 and 12, respectively.

1. Definitions:

Chain of Custody (COC): A document evidencing the collection, handling, delivery, etc. of a sample or Sample Delivery Group

Holding Time: The maximum amount of time a sample may be stored before being analyzed.

Sample Delivery Acceptance (SDA): The date and time when Lab officially receives a sample or Sample Delivery Group, as evidenced by either a notation on the Chain of Custody or an entry in the Lab's information management system (LIMS).

Sample Delivery Group (SDG): A set of samples normally shipped and reported to the Lab as a group.

Turnaround Time (TAT): The maximum allowable period within which Lab must report out its analytical testing results to Client, calculated from the date of SDA.

2. Client's Obligations:

- To initiate Lab's services, Client must reference a quotation number (if applicable) and complete one of the following steps:
 - Submit a completed purchase order by:
 - hand (i.e., in person)
 - mail, or
 - e-mail; or
 - Place an order by:
 - telephone
 - e-mail, or
 - delivering a sample (or SDG) to Lab and completing the COC
- Subject to occasional, mutually agreed-upon exceptions, Client must give five (5) days' prior notice for each sample delivery and provide the following information:
 - Name of the responsible project manager
 - Name of the person submitting the sample
 - Name/location of collection site
 - Date and time of collection
 - Specific testing being requested, and
 - Sufficient details about reporting requirement(s).
- Client shall also:
 - Remain liable for any loss or damage to sample(s) until SDA (including that which may occur as a result of third-party shipping delays)
 - Payment Terms: Net 30 days from date of invoice unless a valid fully executed agreement is on file with Pace.
 - Notify Lab about any disputed charges or results within 30 days of receiving applicable invoice
 - Reimburse Lab for any costs* related to delinquent payments
 - Demonstrate its (or, if applicable, the Prime Client's) credit worthiness by accessing the following link: <https://www.pacelabs.com/my-account.html> and clicking on "Client Profile Information." (Note: Client must pre-pay for services pending completion of this process and Lab's approval of a credit line.)
 - Pay for any services it orders on any already analyzed sample
 - Obtain Lab's written consent before assigning billing or payment of Lab services to any third party, (failure to do so shall mean Client remains responsible for the payment of any outstanding balance)
 - Refrain from using any of Lab's supplies (e.g., containers) in connection with any non-Lab work
 - Ensure that any sample(s) containing any known hazardous substance is (are) labeled, packaged, manifested, transported, and delivered to Lab in accordance with all applicable regulations. (No SDA of any "high hazard" sample can occur without Lab's express permission.)
 - Obtain Lab's prior written consent before publishing Lab's name and/or any data



- xi. Reimburse Lab for any out-of-scope services and related expenses (e.g., defending its analytical results or responding to a subpoena for documents and/or expert testimony)
- xii. Excuse Lab for any failure or delay in its performance caused by someone or something outside its control, e.g., a third party or "Force Majeure" event or circumstance, such as natural disasters or government shutdowns; and
- xiii. Accept responsibility for any claims, damages, losses, expenses*, etc. to the extent caused by Client's: breach of these Terms; negligence or willful misconduct (includes Client's use of Lab data for anything other than the specific purpose for which it was intended), or violation of applicable laws.

3. Lab's Obligations:

Lab shall:

- a. Perform its services in accordance with generally accepted analytical and environmental laboratory practices and professionally recognized standards.
- b. Identify on quotation if services will be sent to another Lab location or to a third party.
- c. Promptly notify Client of any:
 - i. Missing sample or otherwise compromised sample(s)
 - ii. Significant delays or other issues affecting Lab's services, or
 - iii. Subpoena or similar demand for Lab compliance
- d. Maintain high-quality services.
- e. Prepare and keep accurate records.
- f. Obtain/maintain any permit(s), license(s), or certification(s).
- g. Charge its fees on a net 30 basis (unless otherwise agreed).
- h. Impose a one and one half percent (1.5%) per month late charge on any unpaid balances.
- i. Assess a two and one half percent (2.5%) surcharge on any payments made by credit card. (Client can avoid this charge by paying with a debit card, an e-check/check by phone, a wire transfer, or an ACH payment.)
- j. Invoice Client for each sample or SDG as reported.
- k. Assume risk of loss or damage to any Client sample(s) upon SDA.
- l. Initiate analysis within established holding times – so long as SDA occurred within 48 hours of collection or the first half of the maximum allowed holding time.
- m. Indemnify Client for any claims, damages, losses, expenses*, etc. to the extent they were caused by Lab's breach of these Terms, negligence or willful misconduct, or the negligence and willful misconduct of persons for whom Lab is legally responsible.
- n. Warrant the results, with the express understanding that this warranty is exclusive and does not extend to any merchantability or fitness for a particular purpose.

4. Lab's Discretionary Actions:

Lab may:

- a. Cease all services, including any release of data, if Client does not pay as agreed
- b. Reject or rescind any SDA if Lab decides sample poses any risk or hazard
- c. Charge or bill Client directly for:
 - i. Any supplies (including containers) that are not used or returned
 - ii. Expedited outbound/return shipping for any sample that is not time-sensitive
 - iii. Disposal of any air samples that have not been reclaimed within seven (7) days of Lab's SDA thereof
 - iv. Disposal of any other sample not been reclaimed within 21 days of Lab's SDA thereof, or as otherwise required
 - v. A minimum fee for invoicing and/or handling any sample
 - vi. A sample that underwent SDA, but was not analyzed, at Client's direction
 - vii. Additional shipping and handling as deemed necessary
 - viii. Change in scope and/or rescheduling fees
 - ix. Minimum fees or additional surcharges as necessary
 - x. Reasonable attorneys' fees
 - xi. Project resampling related to missed deliveries, etc.
 - xii. Off cycle pricing increase dictated by the market
 - xiii. Any request for re-analysis following release of the report if the results are within the variability of the method (or acceptable parameters)
- d. Return unused portions of samples found or suspected to be hazardous to Client, at Client's cost.
- e. Retain Client's unreleased data and/or cancel Client's web portal access pending payment in full.
- f. Increase prices on an annual basis to support market-driven cost-increases.

5. Multiple Dilutions: Lab will report a single value for each analyte based on the most appropriate analysis or dilution for that analyte. Based on general screening where appropriate, samples will be reported on a dilution-only basis due to concentrations of target analytes present. Lab may attempt a 10-fold more concentrated analysis if practicable. Client may also request and pay for additional dilutions if practicable.

6. Dry Weight Correction / Percent (%) Moisture: Consistent with all applicable reporting methods, Lab will automatically analyze any solid sample (soil) for % moisture to allow for dry weight correction and charge accordingly. If "wet weight" reporting is requested by the client or the regulatory agency, Lab will maintain the charge for dry weight correction even if the results were not corrected for the applicable reporting criteria.

7. Confidentiality: The Parties agree that they will take all reasonable precautions to prevent the unauthorized disclosure of any proprietary or confidential information of each other and that they will not disclose such information except to those employees, subcontractors, or agents who have expressly agreed to maintain confidentiality.



8. Governing Law: These Terms shall be construed and interpreted pursuant to the laws of the State of Minnesota without giving effect to the principles of conflicts of law thereof.

9. Term: The Parties shall perform the services identified in the applicable purchase order or other agreement until completed or terminated in accordance with Section 10 below

10. Termination:

- a. Either party may terminate these Terms upon 30 days' prior written notice.
- b. Lab may immediately terminate for any breach by Client, including its failure to pay within 60 days of Lab's dated invoice.

11. Limitation of Liability:

- a. If a court of competent jurisdiction finds that Lab failed to meet applicable standards and if Client suffers damages as a result, Lab's aggregate liability for its negligence or unintentional breach of contract shall not exceed the total fee paid for its services.
- b. This limitation shall not apply to any Client losses arising from Lab's negligence or willful misconduct, so long as Client:
 - i. Notifies Lab of any issue within thirty (30) days of receiving applicable invoice, and
 - ii. Allows Lab to defend its data, even to a regulatory agency that may have previously rejected same.
- c. Notwithstanding the foregoing, neither Lab nor Client shall be liable to the other for special, incidental, consequential, or punitive damages.

12. Amendment/Change Order: Any attempt to modify, vary, supplement, or clarify any provision of these Terms is of no effect unless reduced to writing and signed by both Parties.

13. Storage of Data: Following final report issuance, Lab will retain back-up data and final test reports for ten (10) years in a format from which the data and/or test report can be reproduced.

14. Intellectual Property: Lab shall retain sole ownership of any new method, procedure, or equipment it develops or discovers while performing services for Client pursuant to these Terms. Lab may, however, grant a license to the Client for its use of same.

15. Non-competition: Client shall not solicit or recruit any Lab personnel for at least 12 months following the termination of the services governed by these Terms.

16. Non-assignment: Neither party may assign or transfer any right or obligation existing under these Terms without prior written notice to the other party, except that Lab may freely transfer the services to another Lab location or, with Client's permission, subcontract the services to a third-party.

17. Insurance: Lab carries insurance with the limits of coverage as indicated below and will, upon Client's request, submit certificates of insurance showing same.

- a. General Liability - \$1,000,000 each occurrence; \$2,000,000 general aggregate;
- b. Personal and Advertising Injury - \$1,000,000;
- c. Automobile Liability - \$1,000,000 combined single limit;
- d. Excess Liability Umbrella - \$5,000,000 aggregate; \$5,000,000 each occurrence;
- e. Worker's Compensation Insurance - statutory limits; and
- f. Professional Liability \$5,000,000 aggregate, \$5,000,000 per claim.

18. Miscellaneous Provisions:

- a. In the absence of an executed agreement between the Parties, the SDA will constitute acceptance of these Terms by Client.
- b. The Parties may use and rely upon electronic signatures and documents for the execution and delivery of these Terms and any amendments, notices, records, disclosures, or other documents of any type sent or received in accordance with these Terms.
- c. The Parties are at all times acting and performing as independent contractors; neither one shall ever be considered an agent, servant, employee, or partner of the other.
- d. These Terms shall be binding upon, and inure to the benefit of, the Parties and their respective successors and assigns.
- e. Lab's compliance with a subpoena or other order shall not violate any requirement for confidentiality between the Parties.
- f. If any Term herein is invalidated or deemed unenforceable, it shall not affect the validity or enforceability of the other Terms.

IN WITNESS WHEREOF, Client and Lab have executed this Agreement through their duly authorized representatives as of the last date below:

[Client] _____

By: _____

Name: _____

Title: _____

Date: _____

Pace Analytical

By: _____

Name: _____

Title: _____



4171 40th Street, SE
Kentwood, MI 49512
Phone: 616-975-4500
Fax: 616-942-7463

Date: _____

*May include reasonable attorney's fees

Quote Prepared by:

Melanie Booms

melanie.booms@pacelabs.com



QUOTATION for ANALYTICAL SERVICES

Company: Tetra Tech
Contact: Alison Rauss
Address: 1136 Oak Valley Drive
Suite 100
Ann Arbor, MI 48108
Phone: (734) 213-2204 Fax: (734) 213-5008
Project: Ann Arbor Landfill - Groundwater 2025-20
TAT: 10 working day
QC Level: Std

Quote ID: **11340**
Submitted On: 27-Mar-25
Submitted By: Alex J. Csaszar
Project Mgr: Alex J. Csaszar
Expires: 24-Jun-25

TEST ID	Matrix	Test Name/Remarks	Method	# Samp	Unit Price	Test Total
1) VOC_8260_W	Water	Volatile Organic Compounds <i>Client Specified List</i>	SW8260D	68	\$75.00	\$5,100.00
2) ADMIN		Administrative <i>Sustainability Fee per work order submitted.</i>	ADMIN	4	\$50.00	\$200.00

Notes:

- A) A Sustainability Fee of \$50 and a Minimum Invoice fee of \$100 will apply to each work order.
B) Thank you for providing ALS Environmental the opportunity to work with you on this project.

TOTAL (USD): \$5,300.00

ADDRESS 3352 128th Ave Holland Michigan 49424 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS Environmental is a CFP Part of the ALS Laboratory Group A Demobell Brothers Limited Company

Terms and Conditions
<https://alsglobal.com/ALSGroupUSACorpTC>

<https://www.alsglobal.com>



QUOTATION for ANALYTICAL SERVICES

Company: Tetra Tech
Contact: Alison Rauss
Address: 1136 Oak Valley Drive
Suite 100
Ann Arbor, MI 48108
Phone: (734) 213-2204 Fax: (734) 213-5008
Project: Ann Arbor Landfill - Wastewater 2025-202
TAT: 10 working day
QC Level: Std

Quote ID: **11339**
Submitted On: 27-Mar-25
Submitted By: Alex J. Csaszar
Project Mgr: Alex J. Csaszar
Expires: 24-Jun-25

TEST ID	Matrix	Test Name/Remarks	Method	# Samp	Unit Price	Test Total
1) VOC_14DIOX_W	Water	1,4-Dioxane by Select Ion Monitoring <i>Wastewater 1,4-Dioxane</i>	SW8260D	14	\$125.00	\$1,750.00
2) VOC_624.1_WW	Water	Volatile Organic Compounds <i>Vinyl Chloride only</i>	E624.1	12	\$55.00	\$660.00
3) NH3_4500G_W	Water	Ammonia as Nitrogen	A4500-NH3 G-11	14	\$18.00	\$252.00
4) PASC_365.1_W	Water	Phosphorus, Total	E365.1 R2.0	10	\$25.00	\$250.00
5) COD_410.4_W	Water	Chemical Oxygen Demand	E410.4 R2.0	4	\$35.00	\$140.00
6) TSS_2540_W	Water	Total Suspended Solids	A2540 D-15	4	\$18.00	\$72.00
7) O&G_1664_W	Water	Oil and Grease	E1664A	4	\$55.00	\$220.00
8) TKN_4500N_W	Water	Nitrogen, Total Kjeldahl	A4500-NH3 G-11	4	\$40.00	\$160.00
9) NP_1664_W	Water	Non-Polar Material	E1664A	4	\$85.00	\$340.00
10) CN_KELADA_W	Water	Cyanide, Total	Kelada-01	4	\$35.00	\$140.00
11) CNAV_1677_W	Water	Cyanide, Available	OIA 1677-09	4	\$90.00	\$360.00
12) PHNL_420.4_W	Water	Phenolics, Total	E420.4	4	\$30.00	\$120.00
13) BOD_5210B_W	Water	Biochemical Oxygen Demand	A5210B-16	4	\$35.00	\$140.00
14) ICP_200.8_WW	Water	Metals by ICP-MS <i>Client Specified List</i>	E200.8	4	\$85.00	\$340.00
15) MP_NPDES_200.8	Water	Microwave Digestion, Metals	CEM-NPDES	4	\$10.00	\$40.00
16) HG_245.1_WW	Water	Mercury by CVAA	E245.1	4	\$30.00	\$120.00
17) VOC_624.1_WW	Water	Volatile Organic Compounds <i>Client Specified List</i>	E624.1	4	\$75.00	\$300.00
18) SVO_625.1_WW	Water	Semi-Volatile Organic Compounds <i>Client Specified List</i>	E625.1	4	\$135.00	\$540.00
19) PCB_608.3_WW	Water	PCBs	E608.3	4	\$70.00	\$280.00
20) TDS_2540_W	Water	Total Dissolved Solids	A2540 C-15	4	\$20.00	\$80.00
21) PEST_608.3_WW	Water	Priority Pollutant Pesticides	E608.3	4	\$90.00	\$360.00

Company: Tetra Tech
Contact: Alison Rauss
Address: 1136 Oak Valley Drive
Suite 100
Ann Arbor, MI 48108
Phone: (734) 213-2204 Fax: (734) 213-5008
Project: Ann Arbor Landfill - Wastewater 2025-202
TAT: 10 working day
QC Level: Std

Quote ID: **11339**
Submitted On: 27-Mar-25
Submitted By: Alex J. Csaszar
Project Mgr: Alex J. Csaszar
Expires: 24-Jun-25

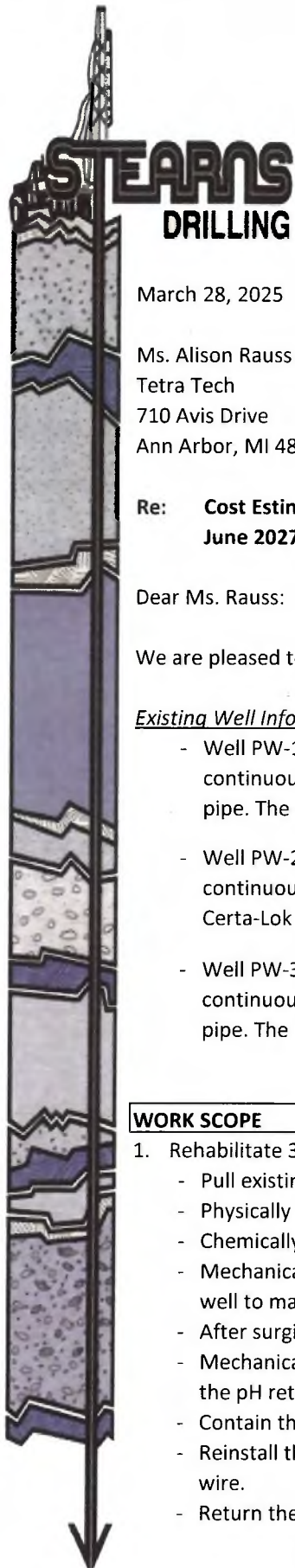
TEST ID	Matrix	Test Name/Remarks	Method	# Samp	Unit Price	Test Total
22) VSCAN_624	Water	Scan for Volatile Organics <i>TIC Scan</i>	E624	4	\$25.00	\$100.00
23) SVSCAN_625	Water	Scan for Semi-Volatile Organics <i>TIC Scan (includes 2,3,7,8-TCDD Screen)</i>	E625.1	4	\$25.00	\$100.00
24) LCMS_1633_W	Water	PFAS by EPA 1633 <i>Client Specified List (21-BD TAT)</i>	E1633	4	\$450.00	\$1,800.00
25) ADMIN		Administrative <i>Sustainability Fee per work order submitted.</i>	ADMIN	8	\$50.00	\$400.00

Notes:

- A) A Sustainability Fee of \$50 and a Minimum Invoice fee of \$100 will apply to each work order.
B) Thank you for providing ALS Environmental the opportunity to work with you on this project.

TOTAL (USD): \$9,064.00

Well Services Since 1977



March 28, 2025

Ms. Alison Rauss
Tetra Tech
710 Avis Drive
Ann Arbor, MI 48108

Quote Number
33687

Re: Cost Estimate for Well Services - Ann Arbor Landfill - Rehab PW-1R-12, PW2R-22, PW-3R-12 (July 2025 - June 2027), Ann Arbor, Michigan

Dear Ms. Rauss:

We are pleased to provide a cost estimate for drilling services at the above referenced project.

Existing Well Information:

- Well PW-1R-12 is a 6" well constructed to 38'. The well casing is PVC and the well screen is vee-wire continuously slotted PVC set from 33' to 38'. The Grundfos 45S20-5 pump is on 29' of 2" PVC Certa-Lok drop pipe. The motor is a 240 volt, 3 wire, 1 phase, 2 horsepower.
- Well PW-2R-01 is a 6" well constructed to 21.5'. The well casing is black steel and the well screen is continuously slotted stainless steel set from 16.5' to 21.5'. The Grundfos 45S20-5 pump is on 2" PVC Certa-Lok drop pipe. The motor is a 240 volt, 3 wire, 1 phase, 2 horsepower.
- Well PW-3R-12 is a 6" well constructed to 36'. The well casing is PVC and the well screen is vee-wire continuously slotted PVC set from 31' to 36'. The Grundfos 45S20-5 pump is on 24' of 2" PVC Certa-Lok drop pipe. The motor is a 240 volt, 3 wire, 1 phase, 2 horsepower.

WORK SCOPE

1. Rehabilitate 3, 6" wells (PW-1R-12, PW-2R-22 and PW-3R-12) by chemical treatment & cleaning:
 - Pull existing pump, drop pipe & wire;
 - Physically surge and redevelop the well to remove loose material and make acid more effective;
 - Chemically treat the wells with an acid / water solution;
 - Mechanically surge the acid solution into the well with a dual disk J-tube. Monitor the acid solution in the well to maintain a pH of about 3 or less;
 - After surging the acid leave it in contact with the well overnight;
 - Mechanically surge to develop the well with a dual disk J-tube. Develop the well until the water is clear and the pH returns to its natural level.
 - Contain the water, neutralize it, then discharge it to the existing system;
 - Reinstall the existing liquid end, or a new liquid end if needed. Reinstall the existing motor, drop pipe and wire.
 - Return the wells to service and, if desired, collect specific capacity data;

ESTIMATE ASSUMPTIONS:

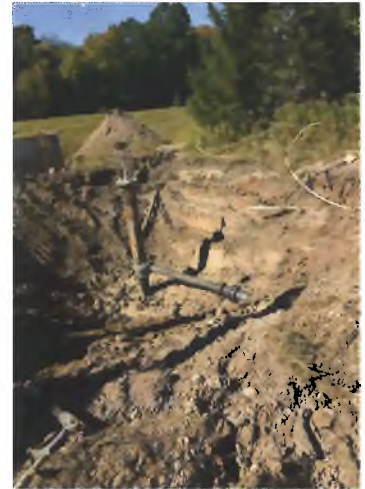
Decontamination procedure is high pressure steam.
Contract language will be acceptable to Stearns Drilling.
Prevailing wages are not required.
Level D safety is required.
Client to provide a Health & Safety plan for Stearns to adopt.
Client to coordinate utility clearance with the State one-call system and the site owner.
Client to provide a usable water source.
Leave excess soil cuttings and waste water on the ground at the drilling locations.
Waste water disposal is not included.
The well head is not located in a confined space.
The site is easily accessed by truck-mounted equipment.
Surface material consists of soil.

Stearns Drilling offers environmental, geotechnical, geothermal, direct push, auger, rotary, coring, sonic, water well drilling and trenching services.

Thank you for the opportunity to submit this cost estimate. If you have questions or need additional information regarding this cost estimate, please contact us at your convenience.

Very truly yours,

STEARNS DRILLING
Roland Clapp





Stearns Drilling Estimate

Well Services:

Description	Quantity	Unit	Unit Cost	Amount
Mobilization / Demobilization / Preparation	3.0	Trip(s)	\$ 660.00	\$ 1,980.00
Well Services				
Crew labor - Well Rehab at PW-1R-12 - 1 time	50.0	Hour(s)	165.00	8,250.00
Crew labor - Well Rehab at PW-2R-22 1 time	50.0	Hour(s)	165.00	8,250.00
Crew labor - Well Rehab at PW-3R-12 - 1st time	50.0	Hour(s)	165.00	8,250.00
Crew labor - Well Rehab at PW-3R-12 - 2nd time	50.0	Hour(s)	165.00	8,250.00
Crew labor - Well Rehab at PW-3R-12 - 3rd time	50.0	Hour(s)	165.00	8,250.00
Standby	0.0	Hour(s)	150.00	-
Materials				
Muriatic Acid (also known as Hydrochloric Acid 31% - 20 degree Baume)	120.0	Gallon(s)	14.20	1,704.00
Chlorine 12.5%	1.0	Gallons	8.00	8.00
Aquaclear PFD	0.0	Gallon(s)	94.00	-
Soda ash (50# bags)	160.0	Pound(s)	1.50	240.00
Antifoam NS	4.0	Pound(s)	5.20	20.80
Nu-Well 410 - Chlorine enhancer	0.0	Gallon(s)	135.00	-
Plastic (100' x 6 millimeter)	0.0	Roll(s)	104.00	-
Submersible pump wire - #12/3, if needed	0.0	Feet	1.10	-
Shrink splice kit - for #12/3, if needed	3.0	Each	3.40	10.20
Submersible pump, liquid end - Grundfos 45S20-5, if needed	0.0	Each	980.00	-
Submersible motor only, 240 volt, 3 wire, 1 phase, 2 Hp, if needed	0.0	Each	975.00	-
Poly tank (330-gallon) - for water	0.0	Each	610.00	-
Drum (55-gallon D.O.T.)	0.0	Each	80.00	-
Line Pig - Swab style (1" to 4")	1.0	Each	19.00	19.00
Miscellaneous	3.0	Each	100.00	300.00
Expenses				
Support truck	27.0	Unit Day(s)	80.00	2,160.00
High pressure hot water washer	27.0	Unit Day(s)	60.00	1,620.00
Skid steer loader & fuel	27.0	Unit Day(s)	350.00	9,450.00
2" Transfer pump & hose	27.0	Unit Day(s)	65.00	1,755.00
Poly tank for clean water only	27.0	Day(s)	25.00	675.00
Winterizing charge (November thru March)	0.0	Unit Day(s)	10.00	-
Confined space entry gear (Tripod, Rescue winch, blower, harness, 4-gas monitor)	0.0	Week(s)	915.00	-
Cut off saw/core machine/jack hammer		Unit Day(s)	120.00	-
Air compressor - 185 cfm at 100 psi, & fuel	27.0	Unit Day(s)	440.00	11,880.00
Daily travel expense	54.0	Man Day(s)	175.00	9,450.00
Level "D" protection	54.0	Man Day(s)	15.00	810.00
Modified Level "D" protection - with Tyvek	0.0	Man Day(s)	40.00	-
Total for Well Services:				\$83,332.00

Thank you for the opportunity to prepare this estimate. This estimate is valid for 60 days.

Estimate based on payment with cash or check. Payment with a credit card adds 3% surcharge to the total invoice amount.

TERMS: The invoice will be based on actual times and quantities spent. Balance is due within thirty (30) days of the



Stearns Drilling Estimate

Well Services:

Description	Quantity	Unit	Unit Cost	Amount
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invoice date. A 1.5 percent monthly interest (equal to 18% annually) is charged on all overdue invoices.

Based on the severity of the biological fouling and/or chemical incrustation of the screen, the amount of chemicals used to rehabilitate the well may increase or decrease.

Please remember that cold weather causes actual quantities to increase over estimated quantities.

To requisition our services, please sign this agreement and return a copy to our office.

Accepted by: _____

Date: _____

Title: _____

Project start up date: _____

