August 16, 2023



Mr. Joseph Martinez Hydrogeologist Wisconsin Department of Natural Resources 2300 N. Dr. Martin Luther King Jr. Drive Milwaukee, WI 53212

RE: Work Plan and Cost Estimate for Additional Sampling at the Former Saukville Fabricare Property Located at 144 S. Foster Street in Saukville, Wisconsin -FEC Project No. 041101; BRRTS No. 02-46-448965; FID No. 246061640

Dear Mr. Martinez:

As requested, *Friess Environmental Consulting, Inc. (FEC)* provides this cost estimate to the Wisconsin Department of Natural Resources (DNR) for the requested additional activities for the above referenced property (the "Site"). The scope of work intends to address the items outlined in your letter dated March 20, 2023. This letter describes the proposed services requested by the DNR and the costs for the proposed services are itemized on the attached spreadsheet. We request that you review this submittal for approval through the Dry Cleaner Environmental Response Program (DERP).

Sewer Evaluation

Based on the presence of a sanitary sewer within the source area and groundwater plume, the DNR determined that vapor sampling within the sanitary sewer is warranted to determine if the sanitary sewer is acting as a preferential pathway for the migration of CVOC contaminated vapors.

Based on our discussions, we propose to collect vapor samples from the sewer cleanout located west of the building (closest access to the source) within the parking lot and from the next downgradient manhole (believed to be within the right-of-way of Foster Street). The vapor samples will be collected utilizing summa canisters in accordance with RR-649 "Guidance for Documenting the Investigation of Human-made Preferential Pathways Including Utility Corridors" and submitted to a certified analytical laboratory under standard chain-of-custody protocol for analyses of CVOCs, via the TO-15 analytical method. If necessary, a follow up sampling event will be conducted to evaluate if the sanitary sewer is acting as a preferential pathway for the migration of CVOC contaminated vapors.

Vapor Evaluation

Due to variations in the groundwater flow direction over time, it is unclear whether the PCE contaminated groundwater present at MW-3 extends beneath the 130-134 S. Foster St. building. Due to the potential for groundwater containing PCE at concentrations that may pose a vapor risk to be present beneath the 130-134 S. Foster St. building, the DNR requested a vapor investigation at the 130-134 S. Foster St. building. Based on our discussions, we propose installing two vapor points in the eastern portion of the adjoining building located at 130-134 S. Foster Street. FEC will collect two rounds of sub-slab samples (heating and non-heating events) from the two new vapor points to evaluate vapor intrusion risk to the building. The vapor samples will be collected utilizing summa canisters in accordance with RR-800. The air samples will subsequently be submitted under standard chain-of-custody protocol to a Wisconsin-certified laboratory for analyses of CVOCs, via the TO-15 analytical method.

Documentation

In their March 20, 2023, letter the DNR also requested a figure that includes the location of utilities associated with the 130-134 S. Foster St. building, that the results of the sanitary sewer investigation described above should be utilized to determine if additional actions at the on-site building are warranted, and to evaluate if a potable well present on the DNR well driller viewer as being located within 500 feet of the site could be a potential receptor of contamination from the site.

The above items and the laboratory results from the vapor sampling will be reviewed and submitted to the DNR as a supplemental site investigation report to document the results of the additional sampling and justify that closure criteria per NR 726.05 have been met. The report will include recommendations for additional actions or site closure.

If closure is deemed appropriate, FEC will prepare an updated closure report for submittal and review by the DNR. If closure is granted the groundwater monitoring wells will be abandoned in accordance with applicable regulations.

We appreciate your assistance with this project. If you have any questions or comments regarding this submittal, please call me at (414) 228-9815.

Respectfully,

Friess Environmental Consulting, Inc.

/with

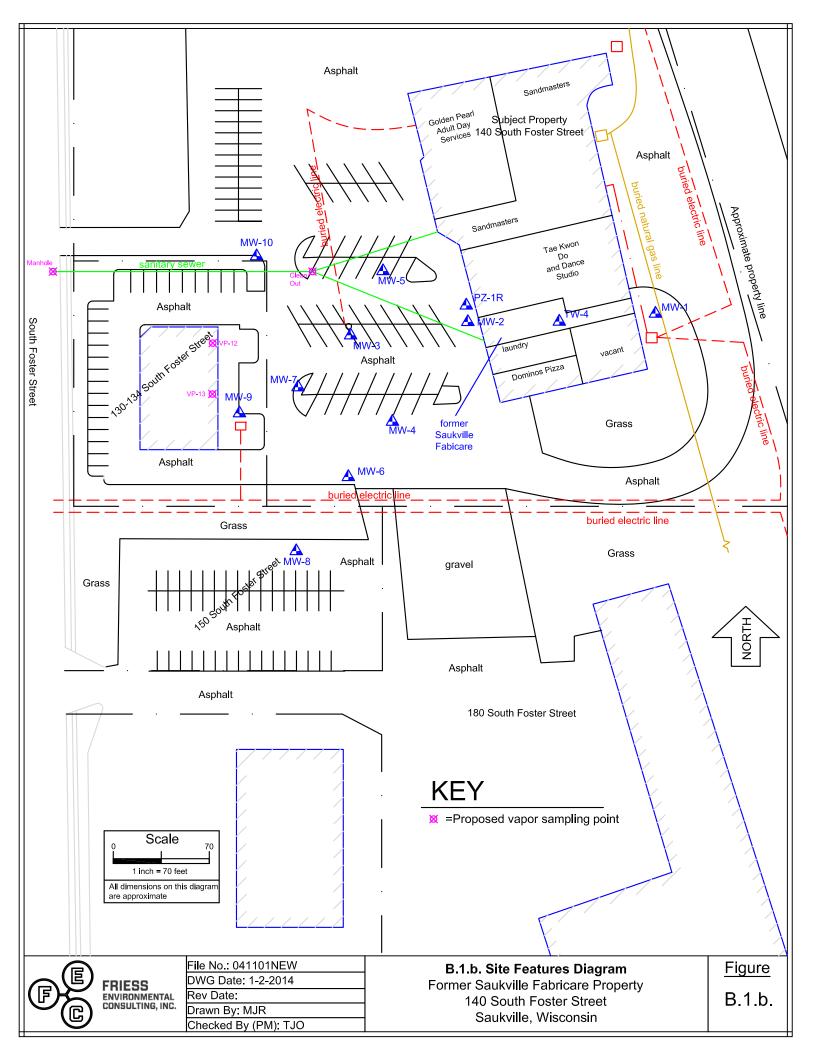
Trenton J. Ott Project Manager

attachment 041101Budget 7-23

Cc: Mr. Richard Bertrand Mr. Peter Kowalchuk

Ribert W. Frieseke

Richard W. Frieseke, P.E. President



Saukville Fabricare

144 S. Foster Street Saukville, WI 53080 BRRTS No. 02-46-448965

Claimed Consulting Total = \$0.00
Claimed Commodity Total = \$0.00
Claimed Grand Total = \$0.00

										FEC In	voices					
Consulting																
tem Description	Unit Price	Proposed Quantity	Requested Units Additional	Approved	Requested Additional	Revised Budget										
tem 1: Cost Estimate and Work I	Dian Pronarati	on													Total	Balanc
Documentation	100	6	hour	\$600.00	\$0.00	\$600.00									0.00	600
PE/Hydro Review	125	2	hour	\$250.00		\$250.00									0.00	250
			Sub-Total =	\$850.00	\$0.00	\$850.00										
Item 2: Sewer Vapor Sampling (2	locations - 1	round)														
Project Coordination	100	3	hour	\$300.00		\$300.00									0.00	300.
Field Services	85	6	hour	\$510.00		\$510.00									0.00	510.
Field Services Management	100	3	hour	\$300.00		\$300.00									0.00	300.
Data Evaluation/Conversion	100	6	hour	\$600.00	\$0.00	\$600.00									0.00	600.
			Sub-Total =	\$1,710.00	\$0.00	\$1,710.00										
Item 3: Vapor Sampling (2 Sub-S																
Project Coordination	100	3	hour	\$300.00		\$300.00									0.00	300.
Field Services	85	8	hour	\$680.00		\$680.00									0.00	680
Field Services Management	100	4	hour	\$400.00		\$400.00									0.00	400.
Data Evaluation/Conversion	100	6	hour	\$600.00		\$600.00									0.00	600.
Expenses/Equipment (see below)	110	1	list	\$110.00	\$0.00	\$110.00									0.00	110.
			Sub-Total =	\$2,090.00	\$0.00	\$2,090.00										
tem 4: Additional SI																
Drafting	85	3	hour	\$255.00		\$255.00									0.00	255.
PE/Hydro Review	125	2	hour	\$250.00		\$250.00									0.00	250.
Documentation	100	10	hour	\$1,000.00		\$1,000.00									0.00	1,000.
			Sub-Total =	\$1,505.00	\$0.00	\$1,505.00										
Item 5: Closeure/GIS/ Cap Mainte																
Drafting	85	3	hour	\$255.00		\$255.00									0.00	255.
PE/Hydro Review	125	2	hour	\$250.00		\$250.00									0.00	250.
Documentation	100	8	hour	\$800.00	\$0.00	\$800.00									0.00	800.
			Sub-Total =	\$1,305.00	\$0.00	\$1,305.00										
		Cons	sulting Services Total =	\$7,460.00	\$0.00	\$7,460.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	7,460.
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Commodity																
Item Description	Unit Price	Proposed Quantity	Requested Additional Units	Approved	Requested Additional											
															Total	Balance
Item 2: Sewer Vapor Sampling (2 Analytical Testing (VOCs)	250 250	round) 2	lump Sub-Total =	\$500.00 \$500.00											0.00	500.00
Item 3: Sub-slab Vapor Sampling	1 (2 points - 2	rounds)														
Analytical Testing	250	4	lump	\$1,000.00	\$0.00	\$1,000.00									0.00	1,000.00
			Sub-Total =	\$1,000.00	\$0.00	\$1,000.00										
		Comn	nodity Services Total =	1,500.00	0.00	1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	1,500.00

Sub-slab Sampling ExpensesHammer Drill\$50/dayVapor point\$30/each \$50 <u>\$60</u> \$110 1 day 2 units

Site Name: Former Saukville Fabricare

BRRTS #: 02-46-448965

Type of Action: Investigation

TASKS	BUDGET																			
	Bid	/Budgeted	Bid	Bid/Budgeted Bid/B												Bic	l/Budgeted	H	Total	
		Amount		Amount	Amou			Amount	Amou			ount 5	Amo		Amo				INSERT	Approved
Bid / Budgeted Description		-2-2012		-11-2013		8-2014		-24-2014		4-2015		5-2017		28-18	-	21-20		16-23	NS	Budget
Consultant Costs																			_	_
Cost Estimate/Work Plan Prep	\$	743.75	\$	743.75	\$	743.75	\$	743.75	\$	340.00	\$	510.00	\$	573.75	\$	1,760.00	\$	850.00	\$ -	\$ 7,008.75
SI Report Documentation	Ť		-		Ŧ		+		Ŧ		Ŧ		\$	3,360.00	\$	3,040.00	\$	1,505.00	+	\$ 7,905.00
Groundwater Sampling (1 round@ MW-2, MW-													Ŧ	.,	Ŧ	.,	Ŧ	.,		
3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9 & MW-10)											\$	1,485.00								\$ 1,485.00
Sub-Slab Sampling											\$	1,735.00					\$	2,090.00		\$ 3,825.00
Groundwater Sampling (2 rounds@ MW-1, MW-																				
	\$	2,297.50									<u>,</u>	050.00			<u>^</u>		<u>,</u>	1 0 0 5 0 0		\$ 2,297.50
	\$	3,920.00									\$	850.00			\$	3,280.00	\$	1,305.00		\$ 9,355.00
	\$	1,500.00	<u>^</u>	4 005 00											<u>^</u>	0.005.00				\$ 1,500.00
Groundwater Sampling (1 round)			\$	1,385.00											\$	2,205.00				\$ 3,590.00
Results Documentation (8 wells) Well Installation (1 well - MW-8)			\$	67.50																\$ 67.50
Additional Vapor Sampling			\$ \$	795.00 765.00											\$	2,340.00	¢	1,710.00		\$ 795.00 \$ 4,815.00
Groundwater Sampling (3 rounds@ MW-1, MW-			φ	105.00	 				 		 				φ	2,340.00	φ	1,710.00		φ 4,013.00
2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8					l I				l i		L						I I			
TW-4)			s	3,805.00																\$ 3,805.00
Results Documentation			\$	202.50																\$ 202.50
Well Abandonment (MW-8)			\$	52.75																\$ 52.75
Off-site Access			φ	52.15	\$	510.00														\$ 510.00
Well Installation (2 wells - MW-9 & 10)					\$	840.00														\$ 840.00
Groundwater Sampling (3 rounds@ MW-9, MW-					Ψ	040.00														φ 040.00
10 & WG-6)					\$	735.00														\$ 735.00
Results Documentation					\$	172.50														\$ 172.50
Well Abandonment (MW-9 & 10)					\$	91.50														\$ 91.50
Groundwater Sampling (3 rounds @ MW-2,																				
MW-3, MW-4, MW-5, MW-8, MW-9, MW-10 & TW-4							\$	3,795.00												\$ 3,795.00
Groundwater Sampling (3 rounds @ MW-6 & MW-7 - eliminate TW-4 from above)									\$	367.50										\$ 367.50
Results and Disposal Documentation							\$	1,125.00			\$	425.00								\$ 1,550.00
VMS Inspection and Documentation									\$	562.50	\$	510.00								\$ 1,072.50
RAO Evaluation															\$	1,550.00				\$ 1,550.00
	\$	8,461.25	\$	7,816.50	\$	3,092.75	\$	5,663.75	\$	1,270.00	\$	5,515.00	\$	3,933.75	\$	14,175.00	\$	7,460.00	\$-	\$57,388.00
Sub-Contractor Costs																				
GW Analytical (8 wells-2 rounds)	\$	1,632.00																		\$ 1,632.00
	\$	325.00	\$	325.00	\$	325.00									\$	325.00				\$ 1,300.00
Groundwater Analytical (8 wells-1 round)			\$	520.00																\$ 520.00
Groundwater Disposal			\$	325.00	<u> </u>				<u> </u>		I						<u> </u>			\$ 325.00
Well Installation & Soil Disposal (2 wells)			\$	1,600.00	\$	2,072.50													\$ -	\$ 3,672.50
Vapor Analytical			\$	223.00	ļ				ļ		\$	1,250.00			\$	2,500.00	\$	1,500.00		\$ 5,473.00
GW Analytical (9 wells-3 rounds)			\$	1,755.00	<u> </u>				ļ		I		L				I			\$ 1,755.00
GW Analytical (3 wells-3 rounds)			L		\$	585.00	_		ļ		I		L				I			\$ 585.00
					ļ		\$	1,560.00	<u>,</u>	105.55	I						I			\$ 1,560.00
GW Analytical (8 wells-3 rounds)					I				\$	195.00	<u> </u>	075.0-					I			\$ 195.00
GW Analytical (1 well-3 rounds)					1				\$	684.00	\$	675.00			<u> </u>	450.55	I			\$ 1,359.00
GW Analytical (1 well-3 rounds) GW Analytical (9 wells-1 round RNA)															\$					\$ 150.00
GW Analytical (1 well-3 rounds) GW Analytical (9 wells-1 round RNA) GW Analytical (2 wells-1 round)											¢	2 000 00	-		φ	150.00				
GW Analytical (1 well-3 rounds) GW Analytical (9 wells-1 round RNA) GW Analytical (2 wells-1 round) VMS Repair	\$	1,957.00	\$	4,748.00	s	2,982.50	\$	1,560.00	s	879.00	\$ \$	3,000.00 4,925.00	¢	-	9 6	2,975.00	¢	1,500.00	\$-	\$ 3,000.00 \$ 21,526.50