



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.

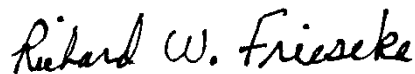
We appreciate your assistance with this project. If you have any questions or comments regarding this submittal, please call me at (414) 228-9815.

Respectfully,

Friess Environmental Consulting, Inc.



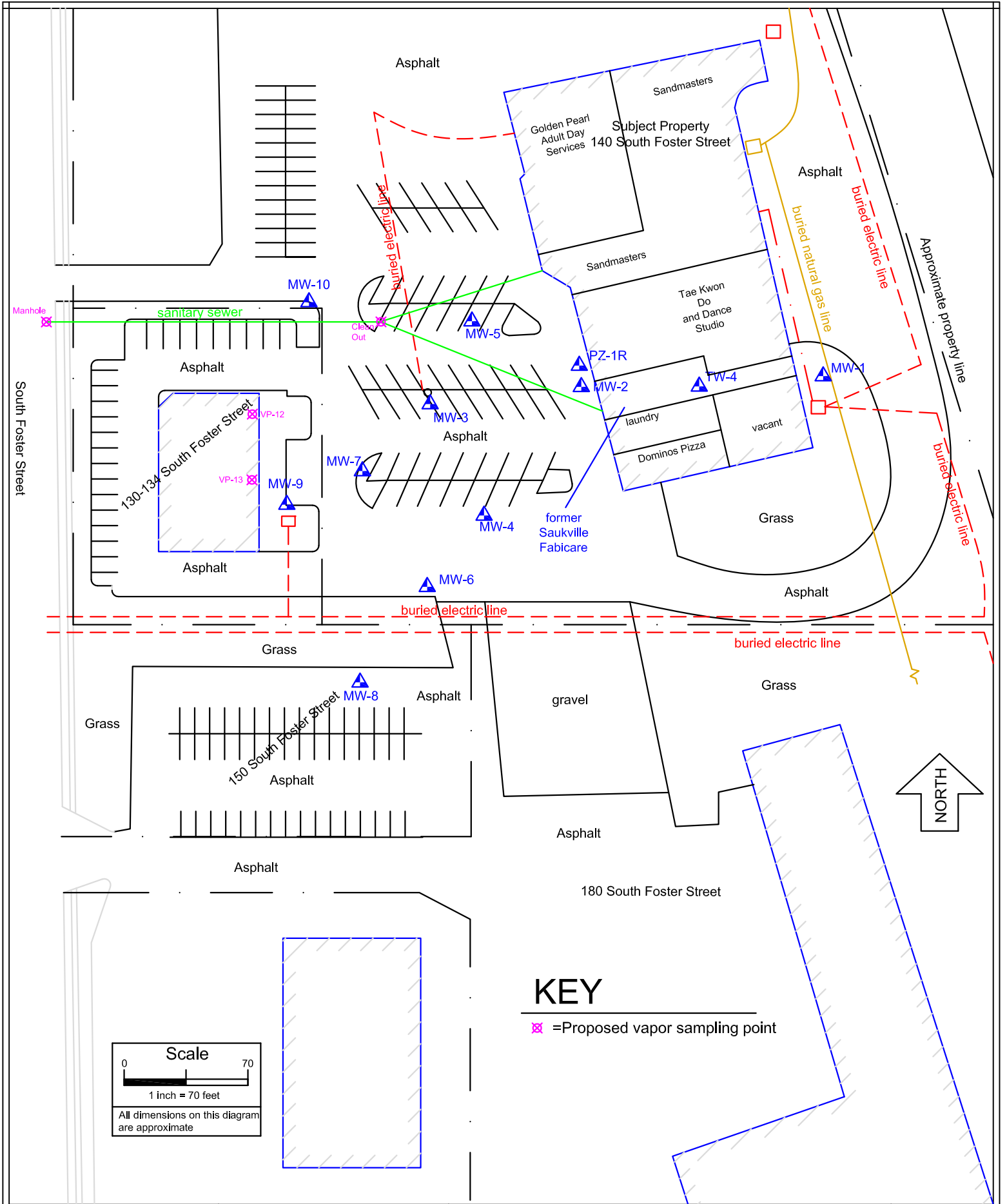
Trenton J. Ott
Project Manager



Richard W. Frieseke, P.E.
President

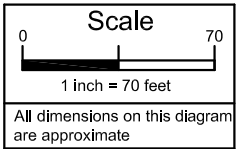
attachment
041101Budget 7-23

Cc: Mr. Richard Bertrand
Mr. Peter Kowalchuk



KEY

⊗ = Proposed vapor sampling point



File No.: 041101NEW
DWG Date: 1-2-2014
Rev Date:
Drawn By: MJR
Checked By (PM): TJO

B.1.b. Site Features Diagram
 Former Saukville Fabricare Property
 140 South Foster Street
 Saukville, Wisconsin

Figure
B.1.b.



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

Consulting

FEC Invoices									
Invoice #	Date	Amount	Balance	Due Date	Comments	Invoice #	Date	Amount	Balance

Item Description	Unit Price	Proposed Quantity	Requested Additional	Units	Approved	Requested Additional	Revised Budget	FEC Invoices										Total	Balance
Item 1: Cost Estimate and Work Plan Preparation																			
Documentation	100	6		hour	\$600.00	\$0.00	\$600.00										0.00	600.00	
PE/Hydro Review	125	2		hour	\$250.00	\$0.00	\$250.00										0.00	250.00	
				Sub-Total =	\$850.00	\$0.00	\$850.00												
Item 2: Sewer Vapor Sampling (2 locations - 1 round)																			
Project Coordination	100	3		hour	\$300.00	\$0.00	\$300.00										0.00	300.00	
Field Services	85	6		hour	\$510.00	\$0.00	\$510.00										0.00	510.00	
Field Services Management	100	3		hour	\$300.00	\$0.00	\$300.00										0.00	300.00	
Data Evaluation/Conversion	100	6		hour	\$600.00	\$0.00	\$600.00										0.00	600.00	
				Sub-Total =	\$1,710.00	\$0.00	\$1,710.00												
Item 3: Vapor Sampling (2 Sub-Slab - 2 rounds)																			
Project Coordination	100	3		hour	\$300.00	\$0.00	\$300.00										0.00	300.00	
Field Services	85	8		hour	\$680.00	\$0.00	\$680.00										0.00	680.00	
Field Services Management	100	4		hour	\$400.00	\$0.00	\$400.00										0.00	400.00	
Data Evaluation/Conversion	100	6		hour	\$600.00	\$0.00	\$600.00										0.00	600.00	
Expenses/Equipment (see below)	110	1		list	\$110.00	\$0.00	\$110.00										0.00	110.00	
				Sub-Total =	\$2,090.00	\$0.00	\$2,090.00												
Item 4: Additional SI																			
Drafting	85	3		hour	\$255.00	\$0.00	\$255.00										0.00	255.00	
PE/Hydro Review	125	2		hour	\$250.00	\$0.00	\$250.00										0.00	250.00	
Documentation	100	10		hour	\$1,000.00	\$0.00	\$1,000.00										0.00	1,000.00	
				Sub-Total =	\$1,505.00	\$0.00	\$1,505.00												
Item 5: Closure/GIS/ Cap Maintenance Plan																			
Drafting	85	3		hour	\$255.00	\$0.00	\$255.00										0.00	255.00	
PE/Hydro Review	125	2		hour	\$250.00	\$0.00	\$250.00										0.00	250.00	
Documentation	100	8		hour	\$800.00	\$0.00	\$800.00										0.00	800.00	
				Sub-Total =	\$1,305.00	\$0.00	\$1,305.00												
Consulting 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	0.00	7,460.00	

Commodity

Commodity Invoices									
Invoice #	Date	Amount	Balance	Due Date	Comments	Invoice #	Date	Amount	Balance

Item Description	Unit Price	Proposed Quantity	Requested Additional	Units	Approved	Requested Additional	Revised Budget	Commodity Invoices										Total	Balance
Item 2: Sewer Vapor Sampling (2 locations - 1 round)																			
Analytical Testing (VOCs)	250	2		lump	\$500.00	\$0.00	\$500.00										0.00	500.00	
				Sub-Total =	\$500.00	\$0.00	\$500.00												
Item 3: Sub-slab Vapor Sampling (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												
Commodity 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 Expenses

Hammer Drill	\$50/day	1 day	\$50
Vapor point	\$30/each	2 units	\$60
			\$110

