

November 12, 2019

Mr. Mike Schmoller Wisconsin Department of Natural Resources 3911 Fish Hatchery Rd Fitchburg, Wisconsin 53711

> Re: Groundwater Monitoring Work Plan and DERF Change Order #6 Klinke Cleaners 1295 N. Sherman Avenue Madison, Wisconsin BRRTS#: 02-13-551965

Dear Mr. Schmoller:

EnviroForensics, LLC (EnviroForensics) is pleased to submit this Work Plan for groundwater monitoring at the Klinke Cleaners facility located at 1295 N. Sherman Avenue in Madison, Wisconsin (the Site). This Work Plan has been prepared in response to a May 23, 2019 letter from WDNR, which indicated, in part, that additional groundwater monitoring would be required after completion of an interim action excavation to evaluate the effect of contaminant source removal on groundwater quality. The excavation was completed during July 2019, and a report documenting completion of the interim action was submitted to the Wisconsin Department of Natural Resources (WDNR) on September 29, 2019.

#### **SCOPE OF WORK**

#### **Work Plan Preparation**

EnviroForensics has prepared this Work Plan to serve as the procedures document for the following tasks:

- Groundwater monitoring field activities; and
- Data evaluation and reporting.

EnviroForensics recognizes and stresses the importance of safe work practices for site workers and the public. The existing Health and Safety Plan (HASP) for this project includes an assessment of hazards associated with groundwater monitoring activities.



#### **Groundwater Monitoring Field Activities**

Four (4) groundwater monitoring events will be performed to establish concentrations trends at the monitoring well nests. The existing groundwater monitoring well network is depicted on **Figure 1**. Each event will include groundwater elevation and sample collection activities as described below.

Groundwater elevation will be measured at all existing monitoring wells. Monitoring well caps will be removed at least 15 minutes prior to collecting water level measurements to allow groundwater in the monitoring wells to equilibrate with atmospheric pressure. The depth to water in each well will be measured to the nearest 0.01 foot using an electronic water level indicator and recorded in the field notebook or sampling form.

Samples will be collected from well nests MW-1/PZ-1, MW-2/PZ-2, and MW-3/PZ-3 during each event. Additionally, samples will be collected from well nest MW-4/PZ-4 during the first monitoring event only. The purpose of the MW-4/PZ-4 sample is to evaluate potential contaminant contribution from the former Laundryland following the remedial efforts at that site. Samples will be collected using standard low flow (minimal drawdown) groundwater sampling procedures. A multi-parameter water quality meter will be used to measure temperature, pH, oxidation-reduction potential (ORP), specific conductance, and dissolved oxygen to verify stabilization prior to groundwater sample collection. Data collected during the sampling activities will be documented on EnviroForensics' field sampling form.

One (1) duplicate sample and one (1) equipment blank will be collected for every 10 or fewer investigative samples, and one (1) trip blank sample will be analyzed per sample cooler for quality assurance/quality control (QA/QC) purposes. The groundwater samples will be transmitted to a state-certified laboratory and analyzed for volatile organic compounds (VOCs) according to U.S. EPA Method 8260.

Purge water will be stored on-Site in a sealed and labeled 55-gallon steel drum. The drum will be emptied periodically, and the water will be transported to a licensed disposal facility by EnviroForensics staff.

#### **Data Evaluation and Reporting**

EnviroForensics will evaluate and summarize the monitoring data on a per event basis and provide a brief update to WDNR via email. A single Groundwater Monitoring Report following completion of all four monitoring events will be prepared and submitted to WDNR. The report will be in letter format and will summarize the work performed and provide an analysis of the monitoring data. Tables, maps, figures, and appendices will be provided in the report, as appropriate, to aid data presentation and interpretation. The monitoring report will also provide recommendations for additional monitoring activities, if appropriate.



### **PROJECTED SCHEDULE**

Per the WDNR's May 23, 2019 letter, the groundwater monitoring events will be conducted on a flexible schedule, with all four events completed in a maximum of 18 months. Monitoring frequency will be based on a comparison of initial concentrations to the most recent groundwater data (collected in February 2015). If concentrations have reduced significantly since 2015, particularly at MW-3, the monitoring schedule can be accelerated with all events completed within 12 months. The first monitoring event will occur within one month of receiving WDNR approval of the work plan.

It is anticipated that each monitoring event can be completed in one (1) day. EnviroForensics expects to receive the laboratory analytical reports within two (2) weeks of sample submittal. The Groundwater Monitoring Report will be submitted within four (4) weeks of receipt of the final laboratory report.

#### COST ESTIMATE

All services provided in support of this scope of work will be billed on a time-and-materials basis. The cost estimate to complete this scope of work is **\$16,150**. The estimated costs are summarized under Change Order #6 in the attached DERF Cost Detail Linking Spreadsheet (Form 4400-214D). A detailed cost breakdown is provided in the attached cost estimate sheets.

Please reply with written approval of the scope of work and associated costs presented herein. On behalf of Klinke Cleaners, we look forward to continuing to work with WDNR on environmental restoration of the Site.

Sincerely, **EnviroForensics, LLC** 

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Brian Kappen, PG Project Manager

Attachments

#### List of Attachments

DERF Linking Spreadsheet (Form 4400-214D) Figure 1 - Monitoring Well Location Map Table 1 - Groundwater Monitoring Cost Estimate Cost Estimate Detail Sheets

#### Site Name: Klinke Cleaners - Sherman Avenue, Madison BRRTS #: 02-13-551965

Type of Action: Site Investigations/ Interim Action

Type of Action	Sile investiga	ntions/ Interim Actio	n							-							
TASKS				BUI	DGET												
	1	EnviroForensics	EnviroForensics	EnviroForensics	EnviroForensics	EnviroForensics	EnviroForensics										
Bid / Budgeted Description	Bid / Budgeted Amount	Change Order #1, 3/2013	Change Order #2, 9/2013	Change Order #3, 7/2014	Change Order #4, 5/2015	Change Order #5, 5/2019	Change Order #6, 11/2019	Total Approved Budget	Previous Claim DC-579	EnviroForensics, 14175, 1/31/2014	EnviroForensics, 14279, 2/28/2014	EnviroForensics, 14357, 3/31/2014	EnviroForensics, 14458, 4/30/2014	EnviroForensics, 14489, 5/31/2014	EnviroForensics, 14585, 6/30/2014	EnviroForensics, 14685, 7/31/2014	EnviroForensics, 14820, 8/31/2014
Consultant Costs Workplan Development (01a)	\$ 4,330.00							\$ 4,330.00	\$ 4,231.55								
Subsurface Investigation (01b)	\$ 3,026.00							\$ 3,026.00	\$ 2,928.45								
Vapor Intrusion Assessment (01c)	\$ 1,377.00							\$ 1,377.00	\$ 897.00								
Investigation Derived Media Management (01d)	\$ 270.00							\$ 270.00	\$ 162.50					1			
Data Evaluation & Reporting (01e)	\$ 5,050.00							\$ 5,050.00	\$ 5,436.25								
	,																
Further Site Investigation (Phase 02)																	
Further Site Investigation Workplan (02a)		\$ 4,989.50						\$ 4,989.50	\$ 4,588.75								
Site Access Agreements (02b)		\$ 2,192.10						\$ 2,192.10	\$ 1,577.90								
Soil Borings & Monitoring Well Nests (02c)		\$ 12,276.00						\$ 12,276.00	\$ 14,436.20								
Quarterly GW Monitoring & Reporting, 3-quarters (02d)		\$ 12,318.50						\$ 12,318.50	\$ 6,961.05	\$ 810.20	\$ 1,548.25	\$ 477.00	\$ 1,448.75	\$ 413.30	)		
Investigation Derived Media Management (02e)		\$ 1,380.00						\$ 1,380.00	\$ 1,435.00								
Vapor Intrusion Pathway Review (02f)		\$ 560.00						\$ 560.00	\$ 552.50					_			
Data Evaluation & Reporting (02g)		\$ 5,776.50						\$ 5,776.50	\$ 5,810.05	<b>A</b> 107.50	<b>^</b>	<b>^</b> (=0.00					
Project Management (02h)		\$ 4,997.50						\$ 4,997.50	\$ 3,898.00	\$ 487.50	\$ 275.00	\$ 156.00		-			
Further Site Investigation (Phase 03)																	
File Review (03a)			\$ 902.00					\$ 902.00	\$ 600.40								
Work Scope Development (03b)	1	<del>   </del>	\$ 2,234.00	+	+			\$ 902.00 \$ 2,234.00	\$ 1,968.95	1	+	<del>   </del>		1	1	+	
Off-Site Access Permit (03c)	1		\$ 1,737.00	1	1			\$ 1,737.00	\$ 548.75	1				1	1		
Soil Gas and Grab Groundwater Sampling (03d)	1		\$ 3,053.00	1	1			\$ 3,053.00	\$ 2,498.15	ł	1			1	1	1	
Investigation-Derived Media Management (03e)	1		\$ 1,054.00					\$ 1,054.00	\$ -	1			\$ 445.00	)	1		1
Data Evaluation and Reporting (03f)	1		\$ 2,955.00					\$ 2,955.00	\$ 2,801.25	\$ 292.50	\$ 47.50		\$ 538.00	)	1		1
Project Management (03g)	I		\$ 1,415.00					\$ 1,415.00	\$ 65.00		1	\$ 37.30		\$ 372.50	\$ 253.50	\$ 351.00	
Further Site Investigation (Phase 05)																	
Work Scope Development (05a)				\$ 2,914.00				\$ 2,914.00						\$ 565.00	\$ 747.50	\$ 1,781.25	
Access Coordination (05b)				\$ 3,543.00				\$ 3,543.00									\$ 325.00
Vapor Intrusion Assessments (05c)				\$ 4,802.00				\$ 4,802.00									
Utility Inspection (05d)				\$ 630.00				\$ 630.00									
Groundwater Monitoring (05e)				\$ 4,626.00				\$ 4,626.00									\$ 32.50
Investigation-Derived Media Management (05f)				\$ 570.00				\$ 570.00						_			
Data Evaluation and Reporting (05g)				\$ 3,564.00				\$ 3,564.00									<b>A</b> (57.50)
Project Management (05h)				\$ 3,235.00				\$ 3,235.00									\$ 157.50
Source Area Characterization (Phase 06)																	
Work Scope Development (06a)					\$ 1,809.00			\$ 1,809.00									
Soil Boring and Sampling (06b)					\$ 2,613.30			\$ 2,613.30									
Data Analysis and Reporting (06c)					\$ 2,574.90			\$ 2,574.90									
Project Management (06d)					\$ 840.00			\$ 840.00									
Interim Remedial Action (Phase 07)																	
Interim Action Design Report (07a)						\$ 3,835.00		\$ 3,835.00									
Soil Excavation, Disposal, and Utility Lateral Replacement (07b)						\$ 9,333.00		\$ 9,333.00									
Interim Action Completion Report (07c)						\$ 3,100.00		\$ 3,100.00									
Project Management (07d)						\$ 1,425.00		\$ 1,425.00									
Post-Remediation Groundwater Monitoring (Phase 09)																	
Work Plan Preparation (09a)							\$ 850.00	\$ 850.00									
Groundwater Monitoring Field Activities (09b)							\$ 8,664.00	\$ 8,664.00									
Data Evaluation and Reporting (09c)							\$ 3,900.00										
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Consultant Cost Total	\$ 14,053.00	\$ 44,490.10	\$ 13,350.00	\$ 23,884.00	\$ 7,837.20	\$ 17,693.00	\$ 13,414.00	\$ 134,721.30	\$ 61,397.70	\$ 1,590.20	\$ 1,870.75	\$ 670.30	\$ 2,620.25	5 \$ 1,350.80	) \$ 1,001.00	\$ 2,132.25	\$ 515.00
Sub-Contractor Costs																	
Drilling	\$ 1,439.00	\$ 14,935.00	\$ 2,070.00		\$ 2,140.00			\$ 20,584.00	\$ 16,257.00								
Analytical	\$ 1,779.50			\$ 5,170.00	\$ 4,324.00	\$ 780.00	\$ 2,736.00		\$ 5,629.00		\$ 822.00						
Private Utility Locate		\$ 500.00						\$ 2,775.00									
Surveyor		\$ 750.00						\$ 750.00	\$ 1,070.00								
Waste Disposal	I	\$ 2,412.68	\$ 506.00	\$ 175.00	\$ 175.00			\$ 21,493.68	\$ 2,412.68		L		\$ 194.31			L	
Plumbing Contractor	I			ļ	ļ	\$ 11,000.00		\$ 11,000.00			ļ					ļ	
Excavation Contractor	I					\$ 26,245.00		\$ 26,245.00									
Paving Contractor	I	ļ ļ				\$ 9,817.00		\$ 9,817.00		ļ							
Sub-Contractor Cost Total	\$ 3218.50	¢ 04.074.00	¢ 4700.00	¢ 6,000,000	¢ 6,000,00	¢	¢ 0.700.00	\$ - \$ 114,561.18	\$ 25.004.00	¢	¢ 000.00	¢	¢ 404.04	r ¢	¢	¢	¢
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DERF ELIGIBLE SUB-TOTALS	\$ 17,271.50	\$ 68,561.78	\$ 18,059.00	\$ 30,204.00	\$ 14,826.20	\$ 84,210.00	ə 16,150.00	\$ 249,282.48	ə 87,322.38	\$ 1,590.20	ə 2,692.75	\$ 670.30	ə 2,814.56	i \$ 1,350.80	) \$ 1,001.00	\$ 2,132.25	\$ 515.00
Non-DERF Eligible Expenses	_	_		_	_	_											
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Mileage									\$ 60.35					1	+		
Permit Fees									\$ 50.80	l .							
DERF Reimbursement 1										\$ 255.00		\$ 476.25	\$ 188.51			\$ 260.00	
Document Delivery											L				L	L	
Non-DERF Cost Total									\$ 111.15	\$ 255.00	\$ -	\$ 476.25	\$ 188.51	\$ -	\$ -	\$ 260.00	\$ -
INVOICE GRAND TOTAL									\$ 87,433.53	\$ 1,845.20	\$ 2,692.75	\$ 1,146.55	\$ 3,003.07	\$ 1,350.80	\$ 1,001.00	\$ 2,392.25	\$ 515.00
Check Numbers										62070	62243	62428	62645	6281	5 63024	63227	63426

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Type of Action: Site Investigations/ Interim Action

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TASKS				BUD	DGET												
		EnviroForensics	EnviroForensics	EnviroForensics	EnviroForensics	EnviroForensics	EnviroForensics										
Bid / Budgeted Description	Bid / Budgeted Amount	Change Order #1, 3/2013	Change Order #2, 9/2013	Change Order #3, 7/2014	Change Order #4, 5/2015	Change Order #5, 5/2019	Change Order #6, 11/2019	Total Approved Budget	Previous Claim DC-579	EnviroForensics, 14913, 9/30/2014	EnviroForensics, 15006, 10/31/2014	EnviroForensics, 15083, 11/30/2014	EnviroForensics, 15231, 1/31/2015	EnviroForensics, 15336, 2/28/2015		EnviroForensics, 15542, 4/30/2015	EnviroForensics, 15635, 5/31/2015
Consultant Costs	\$ 4,330.00							\$ 4,330.00	\$ 4,231.55								
Workplan Development (01a) Subsurface Investigation (01b)	\$ 4,330.00							\$ 3,026.00	\$ 2,928.45			-		-		-	
Vapor Intrusion Assessment (01c)	\$ 1,377.00							\$ 1,377.00	\$ 897.00								
Investigation Derived Media Management (01d)	\$ 270.00							\$ 270.00	\$ 162.50								
Data Evaluation & Reporting (01e)	\$ 5,050.00							\$ 5,050.00	\$ 5,436.25								
Further Site Investigation (Phase 02)																	
Further Site Investigation Workplan (02a)		\$ 4,989.50						\$ 4,989.50	\$ 4,588.75								
Site Access Agreements (02b)		\$ 2,192.10						\$ 2,192.10	\$ 1,577.90								
Soil Borings & Monitoring Well Nests (02c)		\$ 12,276.00						\$ 12,276.00	\$ 14,436.20								
Quarterly GW Monitoring & Reporting, 3-quarters (02d)		\$ 12,318.50						\$ 12,318.50	\$ 6,961.05								
Investigation Derived Media Management (02e) Vapor Intrusion Pathway Review (02f)		\$ 1,380.00 \$ 560.00						\$ 1,380.00 \$ 560.00	\$ 1,435.00 \$ 552.50								
Data Evaluation & Reporting (02g)		\$ 5,776.50						\$ 5,776.50	\$ 5,810.05								
Project Management (02h)		\$ 4,997.50						\$ 4,997.50	\$ 3,898.00								
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Further Site Investigation (Phase 03)																	
File Review (03a)			\$ 902.00					\$ 902.00	\$ 600.40								
Work Scope Development (03b)			\$ 2,234.00					\$ 2,234.00	\$ 1,968.95								
Off-Site Access Permit (03c)			\$ 1,737.00					\$ 1,737.00	\$ 548.75								
Soil Gas and Grab Groundwater Sampling (03d)	I		\$ 3,053.00					\$ 3,053.00	\$ 2,498.15								
Investigation-Derived Media Management (03e)			\$ 1,054.00					\$ 1,054.00	\$ -								
Data Evaluation and Reporting (03f) Project Management (03g)	ł		\$ 2,955.00	+				\$ 2,955.00	\$ 2,801.25		+	+				+	+
Project Management (U3g)			\$ 1,415.00					\$ 1,415.00	\$ 65.00								
Further Site Investigation (Phase 05)		├									<u> </u>	<u> </u>					
Work Scope Development (05a)				\$ 2,914.00				\$ 2,914.00									
Access Coordination (05b)				\$ 3,543.00				\$ 3,543.00			\$ 325.00		\$ 32.50	\$ 1,716.3	30 \$ 227.50	\$ 260.00	\$ 65.00
Vapor Intrusion Assessments (05c)				\$ 4.802.00				\$ 4.802.00			¢ 020.00		¢ 02.00	\$ 247.5			
Utility Inspection (05d)				\$ 630.00				\$ 630.00						÷	\$ 65.00		
Groundwater Monitoring (05e)				\$ 4,626.00				\$ 4,626.00		\$ 2,243.10	\$ 246.25	\$ 43.65	\$ 198.75	\$ 1,630.5	50		
Investigation-Derived Media Management (05f)				\$ 570.00				\$ 570.00			\$ 23.75				\$ 80.00	\$ 511.09	
Data Evaluation and Reporting (05g)				\$ 3,564.00				\$ 3,564.00						\$ 118.7			
Project Management (05h)				\$ 3,235.00				\$ 3,235.00		\$ 97.50	\$ 97.50	\$ 237.50	\$ 175.00	\$ 290.0	00 \$ 577.00	\$ 237.75	\$ 455.00
Source Area Characterization (Phase 06)					<b>^</b>			<b>A</b> ( 000 00									<b>^</b>
Work Scope Development (06a) Soil Boring and Sampling (06b)					\$ 1,809.00 \$ 2,613.30			\$ 1,809.00 \$ 2,613.30									\$ 1,929.50
Data Analysis and Reporting (06c)					\$ 2,574.90			\$ 2,574.90				-					
Project Management (06d)					\$ 840.00			\$ 840.00									
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Interim Remedial Action (Phase 07)																	
Interim Action Design Report (07a)						\$ 3,835.00		\$ 3,835.00									
Soil Excavation, Disposal, and Utility Lateral Replacement (07b)						\$ 9,333.00		\$ 9,333.00									
Interim Action Completion Report (07c)						\$ 3,100.00		\$ 3,100.00									
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Consultant Cost Total	\$ 14,053.00	\$ 44,490.10	\$ 13,350.00	\$ 23,884.00	\$ 7,837.20	\$ 17,693.00	\$ 13,414.00	\$ 134,721.30	\$ 61,397.70	\$ 2,340.60	\$ 692.50	\$ 281.15	\$ 406.25	\$ 4,003.0	05 \$ 1,649.60	3,962.54	\$ 2,858.50
Sub-Contractor Costs		,			.,	,		1.,.2.1.00	.,	2,010.00				.,	, .,	0,002.07	_,
Drilling	\$ 1,439.00	\$ 14,935.00	\$ 2,070.00		\$ 2,140.00			\$ 20,584.00	\$ 16,257.00		1						
Analytical	\$ 1,779.50					\$ 780.00	\$ 2,736.00			ĺ	\$ 753.50			\$ 753.5	50	\$ 1,851.50	
Private Utility Locate		\$ 500.00					,	\$ 2,775.00	\$ 556.00	1				1		\$ 945.00	
Surveyor		\$ 750.00						\$ 750.00	\$ 1,070.00								
Waste Disposal		\$ 2,412.68	\$ 506.00	\$ 175.00	\$ 175.00			\$ 21,493.68	\$ 2,412.68								
Plumbing Contractor						\$ 11,000.00		\$ 11,000.00			ļ						
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Sub-Contractor Cost Total	6 0010 50	¢ 0107100	¢ 1700.00	¢ 0.000 00	¢ 000 00	¢ 00517.00	¢ 0.700.00	\$ -	¢ 05.00.4.00	¢	¢ 750.50	¢	¢	¢ 750.	50 \$	¢ 0.700.50	¢
	\$ 3,218.50							\$ 114,561.18								\$ 2,796.50	
DERF ELIGIBLE SUB-TOTALS	\$ 17,271.50	\$ 68,561.78	\$ 18,059.00	\$ 30,204.00	\$ 14,826.20	\$ 84,210.00	ə 16,150.00	\$ 249,282.48	ə 87,322.38	\$ 2,340.60	\$ 1,446.00	\$ 281.15	\$ 406.25	\$ 4,756.5	55 \$ 1,649.60	6,759.04	\$ 2,858.50
Non-DERF Eligible Expenses																	
									¢ 00.05								
Mileage Bormit Food									\$ 60.35								
Permit Fees									\$ 50.80					+			
DERF Reimbursement 1											+	+				+	+
Document Delivery											-	-		-		-	-
Non-DERF Cost Total									\$ 111.15			\$-				\$-	
INVOICE GRAND TOTAL									\$ 87,433.53	\$ 2,340.60	\$ 1,446.00	\$ 281.15	\$ 406.25	\$ 4,756.5	5 \$ 1,649.60	\$ 6,759.04	\$ 2,858.50
Check Numbers										64242	64242	64242	64439	6463	6487	7 65058	65297

Site Name:	Klinke Cleaners - Sherman Avenue, Madison
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TASKS				-	GET													
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Consultant Costs	Amount	3/2013	9/2013	7/2014	5/2015	5/2019	11/2019	Buuger	DC-3/9	13719, 0/30/2015	15807, 7/31/2015	15994, 8/31/2015	10072, 9/30/2015	10124, 10/31/2015	10250, 11/30/2015	10344, 1/31/2010	20872, 2/20/2019	20997, 3/31/2019
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Project Management (02h)		\$ 4,997.50						\$ 4,997.50	\$ 3,898.00									
r tojoot managomont (ozn)		φ 4,007.00						φ 4,007.00	φ 0,000.00									
Further Site Investigation (Phase 03)										-								
File Review (03a)			\$ 902.00					\$ 902.00	\$ 600.40									
Work Scope Development (03b)	l		\$ 2,234.00	İ				\$ 2,234.00	\$ 1,968.95					İ	İ		İ	
Off-Site Access Permit (03c)			\$ 1,737.00					\$ 1,737.00	\$ 548.75									
Soil Gas and Grab Groundwater Sampling (03d)			\$ 3,053.00					\$ 3,053.00	\$ 2,498.15									
Investigation-Derived Media Management (03e)		1	\$ 1,054.00					\$ 1,054.00	\$-									
Data Evaluation and Reporting (03f)			\$ 2,955.00					\$ 2,955.00	\$ 2,801.25									
Project Management (03g)			\$ 1,415.00					\$ 1,415.00	\$ 65.00								l	
Fundham Office Investigation (Disease OF)																		
Further Site Investigation (Phase 05) Work Scope Development (05a)				\$ 2,914.00				\$ 2,914.00										
Access Coordination (05b)				\$ 2,914.00 \$ 3,543.00				\$ 2,914.00 \$ 3,543.00										
Vapor Intrusion Assessments (05c)				\$ 3,543.00				\$ 4,802.00		\$ 1.493.00								
Utility Inspection (05d)				\$ 630.00				\$ 630.00		φ 1,435.00								
Groundwater Monitoring (05e)				\$ 4,626.00				\$ 4,626.00		-								
Investigation-Derived Media Management (05f)				\$ 570.00				\$ 570.00										
Data Evaluation and Reporting (05g)				\$ 3,564.00				\$ 3,564.00		\$ 351.50	\$ 241.95							
Project Management (05h)				\$ 3,235.00				\$ 3,235.00		\$ 201.00	\$ 318.50	\$ 308.00						
Source Area Characterization (Phase 06)																		
Work Scope Development (06a)					\$ 1,809.00			\$ 1,809.00										
Soil Boring and Sampling (06b)					\$ 2,613.30			\$ 2,613.30				\$ 2,075.50	¢ 4.045.50	\$ 47.50	\$ 218.50		-	
Data Analysis and Reporting (06c) Project Management (06d)					\$ 2,574.90 \$ 840.00			\$ 2,574.90 \$ 840.00				\$ 503.00	\$ 1,815.50 \$ 267.00	\$ 292.00	\$ 85.75			
r loject Management (000)					φ 840.00			φ 840.00					\$ 207.00	φ 292.00	φ 65.75			
Interim Remedial Action (Phase 07)																		
Interim Action Design Report (07a)						\$ 3,835.00		\$ 3,835.00									\$ 992.00	\$ 2,523.50
Soil Excavation, Disposal, and Utility Lateral Replacement (07b)						\$ 9,333.00		\$ 9,333.00										+ _,
Interim Action Completion Report (07c)						\$ 3,100.00		\$ 3,100.00										
Project Management (07d)						\$ 1,425.00		\$ 1,425.00										\$ 39.00
Post-Remediation Groundwater Monitoring (Phase 09)																		
Work Plan Preparation (09a)							\$ 850.00	\$ 850.00										
Groundwater Monitoring Field Activities (09b)							\$ 8,664.00	\$ 8,664.00										
Data Evaluation and Reporting (09c)	Į						\$ 3,900.00	\$ 3,900.00										
Consultant Cost Total	\$ 14,053.00	\$ 44,490.10	\$ 13,350.00	\$ 23,884.00	\$ 7,837.20	\$ 17,693.00	\$ 13,414.00	\$ 134,721.30	\$ 61,397.70	\$ 2,045.50	\$ 560.45	\$ 2,886.50	\$ 2,082.50	\$ 339.50	\$ 304.25	\$	\$ 992.00	\$ 2,562.50
Sub-Contractor Costs	¢ 14,003.00	φ 44,450.10	φ 13,350.00	φ 23,004.00	φ 7,037.20	φ 17,093.00	φ 13,414.00	φ 134,721.30	φ 01,397.70	φ 2,040.00	φ 500.45	φ 2,000.50	φ 2,002.50	φ 339.50	φ 304.25	Ψ.	φ 992.00	φ 2,002.50
Drilling	\$ 1,439.00	\$ 14,935.00	\$ 2,070.00		\$ 2,140.00			\$ 20,584.00	\$ 16,257.00			\$ 2,298.50						
Analytical	\$ 1,439.00 \$ 1,779.50			\$ 5,170.00		\$ 780.00	\$ 2,736.00	\$ 20,584.00 \$ 21,896.50	\$ 16,257.00	\$ 1,656.00		\$ 2,298.50 \$ 2,740.00				1	1	
Private Utility Locate	φ 1,773.50	\$ 500.00	<b>A</b> = = = = = = = = = = = = = = = = = = =	<b>A A75 635</b>	<b>0</b> 050.00	A 150.00	÷ 2,730.00	\$ 2,775.00	<b>A</b> ==0.00	÷ 1,000.00		¥ 2,740.00				\$ 222.50		
Surveyor	1	\$ 750.00	÷ 500.00	÷ 313.00	÷ 330.00	÷ +30.00		\$ 750.00								Ψ 222.00	1	
Waste Disposal	t	\$ 2,412.68	\$ 506.00	\$ 175.00	\$ 175.00	\$ 18,225.00	1	\$ 21,493.68	\$ 2,412.68					1	\$ 202.09	1	1	
Plumbing Contractor	l					\$ 11,000.00		\$ 11,000.00	-,					İ			İ	
Excavation Contractor	1					\$ 26,245.00		\$ 26,245.00							İ		1	
Paving Contractor	1					\$ 9,817.00		\$ 9,817.00										
								\$-										
Sub-Contractor Cost Total	\$ 3,218.50							\$ 114,561.18						,				,
DERF ELIGIBLE SUB-TOTALS	\$ 17,271.50	\$ 68,561.78	\$ 18,059.00	\$ 30,204.00	\$ 14,826.20	\$ 84,210.00	\$ 16,150.00	\$ 249,282.48	\$ 87,322.38	\$ 3,701.50	\$ 560.45	\$ 7,925.00	\$ 2,082.50	\$ 339.50	\$ 506.34	\$ 222.50	\$ 992.00	\$ 2,562.50
Non-DERF Eligible Expenses																		
Mileage									\$ 60.35									
Permit Fees									\$ 50.80									
DERF Reimbursement 1																	1	
Document Delivery														İ	İ		İ	
Non-DERF Cost Total									\$ 111.15	\$ -	\$-	\$ -	\$-	\$ -	\$ -	\$-	\$-	\$ -
INVOICE GRAND TOTAL									\$ 87,433.53						•			
									÷ 01,433.33	♥ 3,701.30	¥ 300.43	¥ 1,525.00	¥ 2,002.30	÷ 555.50	¥ 500.54	¥ 222.50	<i>♥</i> 552.00	¥ 2,502.50
Check Numbers										65488	65678	65862	66112	66305	66489	66934	010240	010220
oneck rumbers										03466	00078	00002	00112	00305	00489	00934	010240	010239

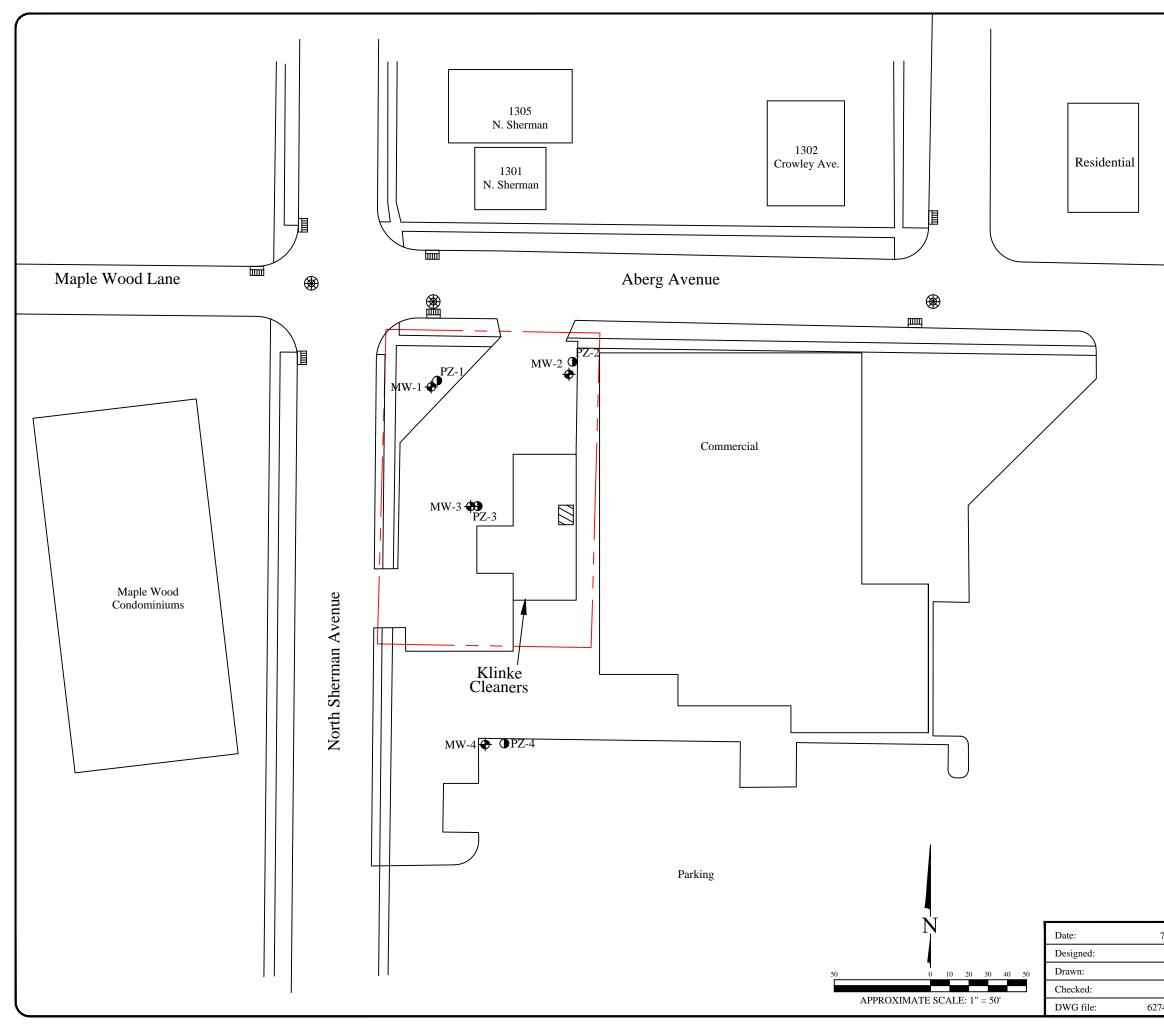
Site Name:	Klinke Cleane	rs - Sherman Ave	nue, Madison												
BRRTS #	02-13-551965	tions/ Interim Acti								-					
TASKS	Sile investigat	uons/ interim Acu	011	DIII	DGET					-					
TASKS		EnviroForensics	EnviroForensics	EnviroForensics	EnviroForensics	EnviroForensics	EnviroForensics	1			1	1			r
Bid / Budgeted Description	Bid / Budgeted Amount	Change Order #1, 3/2013	Change Order #2, 9/2013	Change Order #3, 7/2014	Change Order #4, 5/2015	Change Order #5, 5/2019	Change Order #6, 11/2019	Total Approved Budget	Previous Claim DC-579	EnviroForensics, 21301, 5/31/2019	EnviroForensics, 21507, 6/30/2019	EnviroForensics, 21642, 7/31/2019	EnviroForensics, 21830, 8/31/2019	EnviroForensics, 21984, 9/30/2019	Total Invoiced Costs
Workplan Development (01a)	\$ 4,330.00							\$ 4,330.00							\$-
Subsurface Investigation (01b)	\$ 3,026.00							\$ 3,026.00							\$-
/apor Intrusion Assessment (01c) nvestigation Derived Media Management (01d)	\$ 1,377.00 \$ 270.00							\$ 1,377.00 \$ 270.00							\$ - ¢
Data Evaluation & Reporting (01e)	\$ 5,050.00							\$ 5,050.00							\$ -
Further Site Investigation (Phase 02) Further Site Investigation Workplan (02a)		\$ 4,989.50		-				\$ 4,989.50	\$ 4,588.75			-	-	-	¢
Site Access Agreements (02b)		\$ 4,989.50 \$ 2,192.10						\$ 2,192.10							\$ - \$
Soil Borings & Monitoring Well Nests (02c)		\$ 12,276.00						\$ 12,276.00							\$ -
Quarterly GW Monitoring & Reporting, 3-quarters (02d)		\$ 12,318.50						\$ 12,318.50							\$ 4,697.50
Investigation Derived Media Management (02e)		\$ 1,380.00						\$ 1,380.00							\$ -
/apor Intrusion Pathway Review (02f) Data Evaluation & Reporting (02g)		\$ 560.00 \$ 5,776.50		-				\$ 560.00 \$ 5,776.50				-			\$ - \$ -
Project Management (02h)		\$ 4,997.50						\$ 4,997.50							\$ 918.50
Surthan Sita Investigation (Phase 02)															
Further Site Investigation (Phase 03)	1		\$ 902.00	<u> </u>			+	\$ 902.00	\$ 600.40	1	+	<u> </u>			\$-
Work Scope Development (03b)	1		\$ 2,234.00	ł	1	1	1	\$ 2,234.00		t	1	ł	1	1	\$ -
Off-Site Access Permit (03c)			\$ 1,737.00					\$ 1,737.00	\$ 548.75						\$ -
Soil Gas and Grab Groundwater Sampling (03d) Investigation-Derived Media Management (03e)			\$ 3,053.00 \$ 1.054.00	l			l	\$ 3,053.00		I	l	l			\$ - \$ 445.00
Data Evaluation and Reporting (03f)			\$ 1,054.00 \$ 2,955.00	-				\$ 1,054.00 \$ 2,955.00				-			\$ 445.00 \$ 878.00
Project Management (03g)			\$ 1,415.00					\$ 1,415.00							\$ 1,202.80
Further Site Investigation (Phase 05) Work Scope Development (05a)				\$ 2,914.00				\$ 2,914.00	-					-	\$ 3,093.75
Access Coordination (05b)				\$ 2,914.00 \$ 3,543.00				\$ 2,914.00							\$ 3,093.75 \$ 2,951.30
Vapor Intrusion Assessments (05c)				\$ 4,802.00				\$ 4,802.00							\$ 3,844.95
Utility Inspection (05d)				\$ 630.00				\$ 630.00							\$ 670.50
Groundwater Monitoring (05e)				\$ 4,626.00				\$ 4,626.00 \$ 570.00							\$ 4,394.75 \$ 614.84
Investigation-Derived Media Management (05f) Data Evaluation and Reporting (05g)				\$ 570.00 \$ 3,564.00				\$ 3,564.00							\$ 2,065.05
Project Management (05h)				\$ 3,235.00				\$ 3,235.00	1						\$ 3,152.25
Source Area Characterization (Phase 06) Work Scope Development (06a)					\$ 1,809.00			\$ 1,809.00						-	\$ 1,929.50
Soil Boring and Sampling (06b)					\$ 2,613.30			\$ 2,613.30							\$ 1,929.50 \$ 2,341.50
Data Analysis and Reporting (06c)					\$ 2,574.90			\$ 2,574.90	)						\$ 2,318.50
Project Management (06d)					\$ 840.00			\$ 840.00	)						\$ 644.75
Interim Remedial Action (Phase 07)				-					-		-	-			
Interim Action Design Report (07a)						\$ 3,835.00		\$ 3,835.00	)	\$ 411.70					\$ 3,927.20
Soil Excavation, Disposal, and Utility Lateral Replacement (07b)						\$ 9,333.00		\$ 9,333.00	)	\$ 520.00	\$ 192.00	\$ 9,826.02	\$ 608.66		\$ 12,185.68
Interim Action Completion Report (07c) Project Management (07d)						\$ 3,100.00 \$ 1.425.00		\$ 3,100.00 \$ 1,425.00		¢ 200.00	¢ 65.00	¢ 142.00	\$ 1,876.50		\$ 1,876.50
rioject Management (0/0)						\$ 1,425.00			'	\$ 308.00	\$ 65.00	\$ 143.00	\$ 299.00	\$ 78.00	\$ 932.00
Post-Remediation Groundwater Monitoring (Phase 09)															
Work Plan Preparation (09a)							\$ 850.00		)						
Groundwater Monitoring Field Activities (09b) Data Evaluation and Reporting (09c)							\$ 8,664.00 \$ 3,900.00	\$ 8,664.00 \$ 3,900.00							
							φ 0,000.00	φ 0,000.00							
Consultant Cost Total	\$ 14,053.00	\$ 44,490.10	\$ 13,350.00	\$ 23,884.00	\$ 7,837.20	\$ 17,693.00	\$ 13,414.00	\$ 134,721.30	61,397.70	\$ 1,239.70	\$ 257.00	\$ 9,969.02	\$ 2,784.16	\$ 1,117.00	\$ 55,084.82
Sub-Contractor Costs	\$ 1,439.00	\$ 14,935.00	\$ 2,070.00		\$ 2,140.00			\$ 20,584.00	\$ 16,257.00						\$ 2,298.50
Drilling Analytical	\$ 1,439.00 \$ 1,779.50	\$ 14,935.00 \$ 5,474.00				\$ 780.00	\$ 2,736.00	\$ 20,584.00 \$ 21,896.50		1	+	\$ 935.09	1		\$ 2,298.50 \$ 9,511.59
Private Utility Locate		\$ 500.00			\$ 350.00		- 2,700.00	\$ 2,775.00		1	1	- 555.05	\$ 1,222.86	;	\$ 2,390.36
Surveyor		\$ 750.00					1	\$ 750.00	\$ 1,070.00	1	1		1		\$-
Waste Disposal	┨────┤	\$ 2,412.68	\$ 506.00	\$ 175.00	\$ 175.00		ł	\$ 21,493.68	\$ 2,412.68	1	\$ 100.00	\$ 15,262.49	¢ 40 500 00	.	\$ 15,758.89
Plumbing Contractor Excavation Contractor	1 1			<u> </u>		\$ 11,000.00 \$ 26,245.00		\$ 11,000.00 \$ 26,245.00		1	+	<u> </u>	\$ 12,560.00 \$ 23,552.00		\$ 12,560.00 \$ 23,552.00
Paving Contractor	1		1			\$ 9,817.00		\$ 9,817.00		1	1	\$ 10,991.00	- 20,002.00		\$ 10,991.00
Sub Contractor Cr. (T-1)		-	-	-				\$ -				-			
Sub-Contractor Cost Total DERF ELIGIBLE SUB-TOTALS	\$ 3,218.50 \$ 17,271.50										\$ 100.00 \$ 357.00				\$ 77,062.34 \$ 132,147.16
DERF ELIGIBLE 30D-TOTAL3	ə 17,271.30	φ <u>00,501.70</u>	\$ 10,033.00	\$ 30,204.00	\$ 14,020.20	\$ 04,210.00	\$ 16,150.00	ə 24 <del>3</del> ,202.40	o	ş 1,239.70	\$ 337.00	\$ 37,137.00	\$ 40,113.02	φ 1,117.00	φ 132,147.10
Non-DERF Eligible Expenses															
Mileage									\$ 60.35						\$ -
Permit Fees									\$ 50.80	I					\$ -
DERF Reimbursement 1										<b> </b>				e	\$ 1,179.76
Document Delivery Non-DERF Cost Total									\$ 111.15	s -	\$ -	s -	\$	\$ 11.78 \$ 11.78	
INVOICE GRAND TOTAL									\$ 111.15 \$ 87,433.53	Ŧ	Ŧ	Ŧ	\$ 40,119.02		\$ 1,191.54 \$ 133,338.70
INVOICE GRAND TOTAL									ψ 07,433.33	↓ 1,233.70	φ 337.00	v 57,157.00	ψ 40,119.02	ψ 1,120.70	φ 155,556.70
Check Numbers										010244	010243	010246	010247	010248	
															-

Site Name:	Klinke Cleaners - Sherman Avenue, Madison
BRRTS #:	02-13-551965

Type of Action: Site Investigations/ Interim Action

Norm         Norm <t< th=""><th>TASKS</th><th colspan="5">BUDGET</th><th></th><th></th><th>-</th><th></th><th>DERI</th><th>COST BREA</th><th>KOUT (this cla</th><th>aim)</th><th></th><th></th><th></th></t<>	TASKS	BUDGET							-		DERI	COST BREA	KOUT (this cla	aim)					
Diame         Diama         Diame         Diame <t< th=""><th>17383</th><th></th><th>EnviroEorensics</th><th>EnviroEorensics</th><th></th><th></th><th>EnviroEorensics</th><th>EnviroEorensics</th><th>1</th><th></th><th>Δ</th><th>В</th><th>C</th><th></th><th></th><th>F</th><th>GH</th><th>Budget Remaining</th><th></th></t<>	17383		EnviroEorensics	EnviroEorensics			EnviroEorensics	EnviroEorensics	1		Δ	В	C			F	GH	Budget Remaining	
		Bid / Budgeted							Total Approved	Previous Claim		Soil	Groundwater	-	Air/Vapor	Air/Vapor			1
	Bid / Budgeted Description																		% Task Complete, Remarks
	Consultant Costs																		
																			100
																			100
																		• • • • • • • •	100
																			100
	Data Evaluation & Reporting (one)	\$ 5,050.00							\$ 5,050.00	\$ 5,430.25								φ (360.23)	100
	Further Site Investigation (Phase 02)														1 1				·
	Further Site Investigation Workplan (02a)		\$ 4,989.50						\$ 4,989.50	\$ 4,588.75								\$ 400.75	100
	Site Access Agreements (02b)		\$ 2,192.10						\$ 2,192.10	\$ 1,577.90								\$ 614.20	100
																			100
													\$ 4,697.50						100
$ \frac{1}{1000} = 1 + 100 \\ \frac{1}{1000} = 1 + 10$																			100
																			100
													¢ 019.50						100
			\$ 4,997.50						\$ 4,997.50	\$ 3,696.00			\$ 910.5U		<u> </u>			\$ 101.00	100
	Eurther Site Investigation (Phase 03)																		í
Sind Maximum     Image <td></td> <td></td> <td></td> <td>\$ 902.00</td> <td></td> <td></td> <td></td> <td></td> <td>\$ 902.00</td> <td>\$ 600.40</td> <td></td> <td></td> <td></td> <td></td> <td>1 1</td> <td></td> <td></td> <td>\$ 301.60</td> <td>100</td>				\$ 902.00					\$ 902.00	\$ 600.40					1 1			\$ 301.60	100
intermant     inter		1									1				1 1		1 1		100
	Off-Site Access Permit (03c)	<u> </u>												<u> </u>					100
										\$ 2,498.15									100
Scale Action 16 S 1.40 S <t< td=""><td></td><td>ļ</td><td></td><td></td><td></td><td></td><td>ļ</td><td>ļ</td><td></td><td>\$ -</td><td></td><td></td><td></td><td>ļ</td><td></td><td></td><td></td><td></td><td>100</td></t<>		ļ					ļ	ļ		\$ -				ļ					100
																			100
	Project Management (03g)			\$ 1,415.00					\$ 1,415.00	\$ 65.00			\$ 1,000.00	ļ	\$ 202.80		<u>↓                                      </u>	\$ 147.20	100
	Further Site Investigation (Phase 05)	<u> </u>													<u> </u>		┥──┤		
	5 ( )	<u> </u>			\$ 2014.00			+	\$ 2014.00			+	\$ 500.00		\$ 2503.75		<u> </u>	\$ (170.75)	100
San Lawaré IN San Lawaré													\$ 500.00						100
																			100
Schule     Schule <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$ 200.00</td> <td>)</td> <td>\$ 470.50</td> <td></td> <td>¢ 0,011100</td> <td></td> <td></td> <td></td> <td>100</td>											\$ 200.00	)	\$ 470.50		¢ 0,011100				100
Sac A Sac A																			100
Appending A	Investigation-Derived Media Management (05f)				\$ 570.00				\$ 570.00				\$ 614.84					\$ (44.84)	100
Image: Note of the set of t	Data Evaluation and Reporting (05g)																		100
	Project Management (05h)				\$ 3,235.00				\$ 3,235.00				\$ 750.00		\$ 2,402.25			\$ 82.75	100
Side Dering (26)     Side Dering (26) <td></td> <td></td> <td></td> <td></td> <td></td> <td><b>^</b></td> <td></td> <td></td> <td><b>A 1 0 0 0 0</b></td> <td></td> <td><b>^ / 000 50</b></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><b>A</b> (100 E0)</td> <td>100</td>						<b>^</b>			<b>A 1 0 0 0 0</b>		<b>^ / 000 50</b>							<b>A</b> (100 E0)	100
Scale from 2000     Source 10000     Source 10000     Source 10000     <																			100
model     model																			100
Important         Important <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td></t<>																			100
Num     Num <td></td> <td></td> <td></td> <td></td> <td></td> <td>¢ 010.00</td> <td></td> <td></td> <td>\$ 010.00</td> <td></td> <td>\$ 01</td> <td></td> <td></td> <td></td> <td>1 1</td> <td></td> <td></td> <td>¢ 100.20</td> <td></td>						¢ 010.00			\$ 010.00		\$ 01				1 1			¢ 100.20	
Sole Decords and Unity Later Sequence (D)     Image <t< td=""><td>Interim Remedial Action (Phase 07)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>í</td></t<>	Interim Remedial Action (Phase 07)																		í
numine conversion long (10%)     Image	Interim Action Design Report (07a)						\$ 3,835.00		\$ 3,835.00			\$ 3,927.20						\$ (92.20)	100
Note description     Note of the second																			100
Non-book     Non-b																			100
Work Purpained (2b)     I	Project Management (07d)						\$ 1,425.00		\$ 1,425.00			\$ 932.00						\$ 493.00	100
Work Purpained (2b)     I	Post-Remediation Groundwater Menitoring (Rhose 00)											1		<u> </u>			┥──┤		с
Generation       Generation <td></td> <td> </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>¢ 050.00</td> <td>\$ 950.00</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>├────┤</td> <td></td> <td><u>↓                                      </u></td> <td></td> <td></td>								¢ 050.00	\$ 950.00			-			├────┤		<u>↓                                      </u>		
Data Second     Description     Second <th< td=""><td></td><td>ł</td><td></td><td>+</td><td></td><td></td><td>+</td><td></td><td></td><td></td><td>1</td><td>+</td><td></td><td>ł</td><td><del>   </del></td><td></td><td>+ +</td><td></td><td></td></th<>		ł		+			+				1	+		ł	<del>   </del>		+ +		
Consider Cost Fool         4 4000         9 40000         9 40000         9 4000     <											1								· · · · · · · · · · · · · · · · · · ·
Sabe Contractor Cosis         Image<		t	1	1		1	ł	. 0,000.00	, 0,000.00		1	1	1	1	† †		1 1		í
Dring       1 49900       \$ 149800       \$ 2,0400       \$ 2,1400       \$ 2,1400       \$ 2,0280       \$ 2,0280       \$ 1000       \$ 2,0280       \$ 1000       \$ 2,0280       \$ 1000       \$ 2,0280       \$ 1000       \$ 2,0280       \$ 1000       \$ 2,0280       \$ 1000       \$ 2,0280       \$ 1000       \$ 2,0280       \$ 1000       \$ 2,0280       \$ 1000       \$ 2,0280       \$ 1000       \$ 2,0280       \$ 1000       \$ 2,0280       \$ 1000       \$ 2,0280       \$ 1000       \$ 1000       \$ 2,0200       \$ 1000       \$ 2,0280       \$ 10000       \$ 10000	Consultant Cost Total	\$ 14,053.00	\$ 44,490.10	\$ 13,350.00	\$ 23,884.00	\$ 7,837.20	\$ 17,693.00	\$ 13,414.00	\$ 134,721.30	\$ 61,397.70	1		İ					\$ 18,238.78	
Analycical       §       5,177.00       §       5,170.00       §       4,232.00       §       2,780.00       §       5,560.00       5       5,222.00       5       2,228       §       1,228       §       9,511.50       §       6,785.51       (10)         Surveyr       S       5,000       S       500.00       \$       9,500.00       \$       9,500.00       \$       9,510.00       \$       9,510.00       \$       9,610.00       \$       9,610.00       \$       9,610.00       \$       9,610.00       \$       9,610.00       \$       9,610.00       \$       9,610.00       \$       9,610.00       \$       9,210.00       \$       \$       9,210.00       \$       9,210.00	Sub-Contractor Costs																		
Private Unity Locate     s     500.00     s     970.00	5					\$ 2,140.00				\$ 16,257.00	\$ 2,298.50	)							100
Survey     Survey     Image     Survey     Image     Survey     Image     Survey     Image     Survey     Image     Survey     Image     Survey     Image     Survey     Image     Survey     <	Analytical	\$ 1,779.50															\$ 9,511.59		100
Wase Deposal       S       2,412.68       5 0,600       \$       175.00       \$	Private Utility Locate				\$ 975.00	\$ 350.00	\$ 450.00				\$ 222.50	\$ 1,222.86	\$ 945.00	<u> </u>					100
Plumbing Contractor     Plumbing Contrac	Surveyor	Į			<b>•</b> ·			l						ļ	<b>├</b> ───┤		<u>↓                                      </u>		100
Excavation Contractor     Excavation Contractor     Image: Contractor Cost Total     Image: Contractor Cost Tota		<u> </u>	\$ 2,412.68	\$ 506.00	\$ 175.00	\$ 175.00				\$ 2,412.68	\$ 202.09				<u> </u>		┥──┤		100
Paving Contractor     S     S     S     9,817.00     S     9,817.00     S     10,991.00     S     10,991.00     S     S     S     11,741.00     100       Sub-Contractor Cost Total     S     3,218.50     S     24,071.68     S     4,709.00     S     6,989.00     S     6,989.00     S     6,989.00     S     11,551.16     S     2,736.00     S     11,551.16     S     2,592.468     Mon     Mon     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     S     11,574.16     Mon     Mon     Mon     Mon     Mon     Mon     Mon     Mon     Mon     Mon     Mon     Mon     Mon     Mon     Mon     Mon     Mon		<b> </b>															<u> </u>		100
Image: Normal series in the		ł		1				1			1			1	<del>   </del>		+ +		100
DERF ELIGIBLE SUB-TOTALS       \$ 17,271.50       \$ 68,561.78       \$ 18,059.00       \$ 30,204.00       \$ 14,826.20       \$ 84,210.00       \$ 16,150.00       \$ 249,282.48       \$ 87,322.38       \$ 10,157.34       \$ 82,609.73       \$ 14,010.10       \$ -       \$ 9,511.59       \$ -       \$ 29,812.94         Non-DERF Eligible Expenses       Non-DERF Eligible Expenses       \$ 5.080		1		t		l	- 0,017.00	1	\$ -		1	φ .5,551.00		1	<del>   </del>			• (1,174.00)	
DERF ELIGIBLE SUB-TOTALS       \$ 17,271.50       \$ 68,561.78       \$ 18,059.00       \$ 30,204.00       \$ 14,826.20       \$ 84,210.00       \$ 16,150.00       \$ 249,282.48       \$ 87,322.38       \$ 10,157.34       \$ 82,609.73       \$ 14,010.10       \$ -       \$ 9,511.59       \$ -       \$ 29,812.94         Non-DERF Eligible Expenses       Non-DERF Eligible Expenses       \$ 60.35       \$ 60.35       \$ 50.80	Sub-Contractor Cost Total	\$ 3,218.50	\$ 24.071.68	\$ 4,709.00	\$ 6.320.00	\$ 6.989.00	\$ 66,517.00	\$ 2,736.00	\$ 114,561.18	\$ 25.924.68	1	1	1	1	† †		1 1	\$ 11,574.16	í
Non-DERF Eligible Expenses       Mileage       Permit Fees       DERF Reinbursement 1       Document Delivery       Non-DERF Cost Total       \$ 111.15	DERF ELIGIBLE SUB-TOTALS											\$ 82,609.73	\$ 15,858.40	\$ -	\$ 14,010.10	\$-	\$ 9,511.59 \$		,
	Mileage Permit Fees DERF Reimbursement 1 Document Delivery									\$ 50.80			Total DERF Eligi	ble Costs This	Claim	\$ 132,147.16	i .		
INVOICE GRAND TOTAL \$ 87,433.53																			
	INVOICE GRAND TOTAL									\$ 87,433.53									

## Dry Cleaner Environmental Response Program Reimbursement Cost Detail Linking Spreadsheet Form 4400-214D (R 08/12)



Legend	
GAS	— Underground gas utility line
WTR	— Underground water utility line
	Underground sanitary utility line
	Underground storm sewer utility line
	Underground electrical utility line
	Underground fiber optic line
	— Property boundary
	Catch Basin
	Manhole
- []]	Approximate location of dry cleaning machine

MW-1 $\clubsuit$ Water table monitoring wellPZ-1 $\bigcirc$ Groundwater piezometer

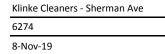
	MONITORING WELL LOCATION MAP									
	Klinke Cleaners 1295 North Sherman Avenue Madison, Wisconsin	2								
7/14/14		Figure								
BK	ENVIRO <b>erensics</b>	1								
EB	_ /	Project								
WF	825 N. Capitol Avenue   Indianapolis, IN 46204	110j000								
74-0086	EnviroForensics.com	6274								



# TABLE 1GROUNDWATER MONITORING COST ESTIMATE

TASK	LABOR COSTS	SUB- CONTRACTOR COSTS	DIRECT COSTS	PHASE COST
	Phase 09a	a		
Work Plan Preparation	\$845	\$0	\$5	\$850
	Phase 09	b		
Groundwater Monitoring Field Activities	\$5,460	\$2,736	\$3,204	\$11,400
	Phase 09	c		
Data Evaluation and Reporting	\$3,850	\$0	\$50	\$3,900
TOTAL	\$10,155	\$2,736	\$3,259	\$16,150

Klinke Cleaners - Sherman Ave Madison, Wisconsin Project Title: Project Number/Name: Date:





Work Plan Preparation												
Labor - Field	Price	Unit	# Units	Subtotal	Task Tota							
Principal	\$210.00	hr		\$0.00								
Director	\$190.00	hr		\$0.00								
Sr Project Manager	\$170.00	hr		\$0.00								
Sr Professional	\$170.00	hr		\$0.00								
Project Manager	\$130.00	hr		\$0.00								
Project Professional	\$130.00	hr		\$0.00								
Staff Professional-Office	\$120.00	hr		\$0.00								
Staff Professional-Field	\$105.00	hr		\$0.00								
Field Professional	\$95.00	hr		\$0.00								
Drafting	\$90.00	hr		\$0.00								
Admin	\$65.00	hr		\$0.00								
Compliance Specialist	\$130.00	hr		\$0.00								
Vapor Intrusion Specialist	\$160.00	hr		\$0.00								
Health and Safety Specialist	\$150.00	hr		\$0.00								
		hr		\$0.00								
			÷	\$0.00	\$0.00							

Labor - Office/Reporting	Price	Unit	# Units	Subtotal	Task Total
Principal	\$210.00	hr		\$0.00	
Director	\$190.00	hr		\$0.00	
Sr Project Manager	\$170.00	hr	1.0	\$170.00	
Sr Professional	\$170.00	hr		\$0.00	
Project Manager	\$130.00	hr		\$0.00	
Project Professional	\$130.00	hr	4.0	\$520.00	
Staff Professional-Office	\$120.00	hr		\$0.00	
Staff Professional-Field	\$105.00	hr		\$0.00	
Field Professional	\$95.00	hr		\$0.00	
Drafting	\$90.00	hr	1.0	\$90.00	
Admin	\$65.00	hr	1.0	\$65.00	
Compliance Specialist	\$130.00	hr		\$0.00	
Vapor Intrusion Specialist	\$160.00	hr		\$0.00	
Health and Safety Specialist	\$150.00	hr		\$0.00	
		hr		\$0.00	
				\$845.00	\$845.00

Contractors/Consultants	Price	Unit	# Units	Markup	Subtotal	Task T
Utility Locate		LS		1.00	\$0.00	
Driller		LS		1.00	\$0.00	
Surveyor		LS		1.00	\$0.00	
Waste Disposal		LS		1.00	\$0.00	
Historical Database Report		LS		1.00	\$0.00	
Remediation		LS		1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
					\$0.00	\$0.0
<b>Contractor/Consultant - Laboratory</b>	Price	Unit	# Units	Markup	Subtotal	
Soil VOC 8260 dry wt	\$83.50	ea	1	1.00	\$0.00	
Soil VOC 8260 dry wt QA/QC	\$83.50	ea	1	1.00	\$0.00	
GW VOC 8260	\$72.00	ea	1	1.00	\$0.00	
GW VOC 8260 QA/QC	\$72.00	ea	1	1.00	\$0.00	
Air TO-15 Soil Gas	\$200.00	ea	1	1.00	\$0.00	
Air TO-15 Sub-Slab	\$200.00	ea	1	1.00	\$0.00	
Air TO-15 Indoor Air	\$200.00	ea	1	1.00	\$0.00	
Air - Indivudual Certification	\$50.00	ea	1	1.00	\$0.00	
Air - Batch Certification	\$50.00	LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$72.00	ea		1.00	\$0.00	
Level IV QA/QC (15%)						
					\$0.00	\$0.
	<u></u>					
Direct Costs - Expenses	Price	Unit	# Units	Markup	Subtotal	
Hotel	\$120.00	day	1	1.00	\$0.00	
Meals	\$60.00	LS	1	1.00	\$0.00	
Misc Materials		LS	1	1.00	\$0.00	
Equipment Rental		LS	1	1.00	\$0.00	
			1	l	\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	

	Direct Costs - Chargeable Equipment Expense	Rat	e (hr/unit)	# Hrs/Units	Rate	(day/use)	# days/use	Subtotal
	Field Vehicle - Full Day	\$	20.00		\$	130.00		
/ehicles	Mileage at Federal IRS Reimbursement Rate (used only for							
	daily use over 230 miles)	\$	0.560					
	Air Velocity Meter (per use)				\$	25.00		
	Multi-meter Conductivity/pH/Temp/TDS				\$	165.00		
	Dissolved Oxygen Meter				\$	40.00		
N .	FID Foxboro/Sensidyne (TIP) Flow Calibrator				\$ \$	155.00		
Meters	PID or 580 OVM				ծ \$	30.00		
	Turbidity Meter				۰ ۶	30.00		
	ppb RAE				\$	175.00		
	ORP Meter				\$	30.00		
	Air Pump - Low Flow (Barcad)				\$	25.00		
	Development Pump				\$	130.00		
	Electric Submersible Pump with Control Box (Units)				\$	130.00		
	Low-Flow Sampling Bladder	\$	12.00					
Pumps	Peristaltic Pump	<i>.</i>	100.00		\$	105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifold Portable SVE Unit - 1.5 HP	\$	100.00		¢	155.00		
	Protable SVE Unit - 1.5 HP Pneumatic Low-Flow Sampling Kit w/ Flow Cell and				\$	155.00		
	Multimeter				\$	270.00		
	Bailers (Disposable)	\$	10.00		ψ	270.00		
	Bailers (Disposable) Bailers (Non-Disposable)	φ	10.00		\$	15.00		
	Core Boxes	\$	10.00		Ψ	13.00		
	Core Sampler	Ψ	10.00		\$	55.00		
	Data Logger with Transducer				\$	155.00		
	Well Caps	\$	30.00					
	Elec. Well Sounder (Probe)				\$	30.00		
	Metal Detector				\$	50.00		
	5035 Sample Kit	\$	16.00					
	Field Book	\$	11.00					
	Filter - Large	\$	18.00					
	Filter - Small	\$	9.00					
	Generator				\$	105.00	ļ	
	Hand Auger				\$	30.00		
	Helium QA/QC Kit				\$	265.00		
	Helium QA/QC Accessories	\$	20.00		¢	105.00		
	Oil/Water Interface Probe	¢	15.00		\$	105.00		
	Padlocks Steens Cleaner	\$	15.00		¢	120.00		
	Steam Cleaner Transducer (ea)				\$	130.00		
					\$	40.00		
Other	Coring Machine Rotary Hammer Drill				\$ \$	200.00		
Other	Hand Drill				ծ \$	75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" (		\$1.50		¢	73.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4 OD X 5/8 ( Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4"	<b> </b>	\$1.30					
	Tubing (Bonded) - Polyethylene (Teflon): 1/4 OD X 1/4 ( Tubing (Bonded) - Polyethylene (Teflon): 1/16" OD X 1/4		\$1.20					
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per f		\$1.10					
	Tubing - Polyethylene: 1/4" OD (per foot)		\$0.60					
	Tubing - Polyethylene: 1/2" OD (per foot)		\$0.85					
	Tubing - Tygon: 3/8" STD (per foot)		\$4.45					
	Tubing - Silicone: 3/8" STD (per foot)	ĺ	\$4.50					
	55-Gallon Drum	\$	55.00					
	Temporary Sampling Port	\$	25.00					
	Vapor Pin Sub-Slab Sampling Port	\$	75.00					
	Sub-Slab Cover (Stainless Steel)	\$	40.00					
	Well Cover 8X12"	\$	105.00					
	Measuring Wheel				\$	15.00		
	Camera		00.01		\$	25.00		
	1L Tedlar Bag	\$	20.00					
	HAZMAT Exemption Shipper	\$	40.00					
	Manometers Westlaw		\$105.00					
	Westlaw CAD/drafting/graphics	<b> </b>	\$105.00 \$90.00					
			\$90.0U		¢	10.00		
	Cones, Baracades & Traffic Signs	¢	10.00		\$	10.00		
	Gloves (Chemical Resistant) Level "B": Level "C1" plus SCBA	\$	10.00		\$	210.00		
Sofate	Level "C1": Level "C2" plus SCBA				\$ \$	85.00		
Safety	Level "C1": Level "C2" plus Polycoat Suit Level "C2": Level "D" plus Respirator				ծ \$	40.00		
	Standby SCBA				ծ \$	130.00		
	Routine Field and Safety Equipment				۹ ۶	50.00		
	1 Inch Binder	\$	9.00					
	2 Inch Binder	э \$	12.00					
	3 Inch Binder	\$	15.00					
	4 Inch Binder	\$	22.00					
	Binder Tabs (Set of 8)	\$	5.00					
oduction			0.40	5				\$2.00
oduction		\$	0.40					
oduction	Color Copies	\$ \$	0.40	12				\$3.00
oduction				12				\$3.00
oduction	Color Copies B/W Copies Document - Format/Sending	\$	0.25	12				\$3.00
oduction	Color Copies B/W Copies	\$ \$	0.25 15.00	12				\$3.00

Project Title: Project Number/Name: Date:

Klinke Cleaners - Sherman Ave	
6274	
8-Nov-19	



T - L T <sup>2</sup> - LJ		<b>TT 1</b> .			
Labor - Field	Price	Unit	# Units	Subtotal	Task
Principal	\$210.00	hr		\$0.00	
Director	\$190.00	hr		\$0.00	
Sr Project Manager	\$170.00	hr		\$0.00	
Sr Professional	\$170.00	hr		\$0.00	
Project Manager	\$130.00	hr		\$0.00	
Project Professional	\$130.00	hr		\$0.00	
Staff Professional-Office	\$120.00	hr		\$0.00	
Staff Professional-Field	\$105.00	hr		\$0.00	
Field Professional	\$95.00	hr	44.0	\$4,180.00	
Drafting	\$90.00	hr		\$0.00	
Admin	\$65.00	hr		\$0.00	
Compliance Specialist	\$130.00	hr		\$0.00	
Vapor Intrusion Specialist	\$160.00	hr		\$0.00	
Health and Safety Specialist	\$150.00	hr	1	\$0.00	

Labor - Office/Reporting	Price	Unit	# Units	Subtotal	Task Total
Principal	\$210.00	hr		\$0.00	
Director	\$190.00	hr		\$0.00	
Sr Project Manager	\$170.00	hr		\$0.00	
Sr Professional	\$170.00	hr		\$0.00	
Project Manager	\$130.00	hr	4.0	\$520.00	
Project Professional	\$130.00	hr		\$0.00	
Staff Professional-Office	\$120.00	hr		\$0.00	
Staff Professional-Field	\$105.00	hr		\$0.00	
Field Professional	\$95.00	hr	8.0	\$760.00	
Drafting	\$90.00	hr		\$0.00	
Admin	\$65.00	hr		\$0.00	
Compliance Specialist	\$130.00	hr		\$0.00	
Vapor Intrusion Specialist	\$160.00	hr		\$0.00	
Health and Safety Specialist	\$150.00	hr		\$0.00	
		hr		\$0.00	
				\$1,280.00	\$1,280.00

Contractors/Consultants	Price	Unit	# Units	Markup	Subtotal	Task 7
Utility Locate		LS		1.00	\$0.00	
Driller		LS		1.00	\$0.00	
Surveyor		LS		1.00	\$0.00	
Waste Disposal		LS		1.00	\$0.00	
Historical Database Report		LS		1.00	\$0.00	
Remediation		LS		1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
					\$0.00	\$0.
<b>Contractor/Consultant - Laboratory</b>	Price	Unit	# Units	Markup	Subtotal	
Soil VOC 8260 dry wt	\$83.50	ea		1.00	\$0.00	
Soil VOC 8260 dry wt QA/QC	\$83.50	ea		1.00	\$0.00	
GW VOC 8260	\$72.00	ea	26.0	1.00	\$1,872.00	
GW VOC 8260 QA/QC	\$72.00	ea	8.0	1.00	\$576.00	
Air TO-15 Soil Gas	\$200.00	ea		1.00	\$0.00	
Air TO-15 Sub-Slab	\$200.00	ea		1.00	\$0.00	
Air TO-15 Indoor Air	\$200.00	ea		1.00	\$0.00	
Air - Indivudual Certification	\$50.00	ea		1.00	\$0.00	
Air - Batch Certification	\$50.00	LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$72.00	ea	4.0	1.00	\$288.00	
Level IV QA/QC (15%)						
			•		\$2,736.00	\$2,73
Direct Costs - Expenses	Price	Unit	# Units	Markup	Subtotal	
Hotel	\$120.00	day		1.00	\$0.00	
Meals	\$60.00	LS		1.00	\$0.00	
Misc Materials		LS		1.00	\$0.00	
Equipment Rental		LS		1.00	\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
	1		1	Ī	\$0.00	
					\$0.00	

	Direct Costs - Chargeable Equipment Expense	D.	ate (hr/unit)	# Hrs/Units	Pot	e (day/use)	# days/use	Subtotal
	Field Vehicle - Full Day	Ka S	20.00		s s	130.00	# uays/use 4.00	\$520.00
Vehicles	Mileage at Federal IRS Reimbursement Rate (used only for	φ	20.00		Ψ	130.00	+.00	ψ320.00
v enteres	daily use over 230 miles)	\$	0.560					
	Air Velocity Meter (per use)	-			\$	25.00		
	Multi-meter Conductivity/pH/Temp/TDS				\$	165.00		
	Dissolved Oxygen Meter				\$	40.00		
	FID Foxboro/Sensidyne (TIP)				\$	155.00		
Meters	Flow Calibrator				\$	30.00		
	PID or 580 OVM				\$	120.00		
	Turbidity Meter				\$	30.00		
	ppb RAE				\$	175.00		
	ORP Meter				\$	30.00		
	Air Pump - Low Flow (Barcad)				\$	25.00		
	Development Pump Electric Submersible Pump with Control Box (Units)				\$ \$	130.00		
	Low-Flow Sampling Bladder	\$	12.00	14.00	2	130.00		\$168.00
	Peristaltic Pump	\$	12.00	14.00	\$	105.00		\$108.00
Pumps	Pumping Test Accessory Equipment (Flow Meters/Manifold	\$	100.00		¢	105.00		
	Portable SVE Unit - 1.5 HP	φ	100.00		\$	155.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and				Ψ	100.00		
	Multimeter				\$	270.00	4.00	\$1,080.00
	Bailers (Disposable)	\$	10.00		É			. ,
	Bailers (Non-Disposable)	φ	10.00		\$	15.00		
	Core Boxes	\$	10.00		Ť	10.00		
	Core Sampler	+	- 5.50		\$	55.00		
	Data Logger with Transducer				\$	155.00		
	Well Caps	\$	30.00					
	Elec. Well Sounder (Probe)				\$	30.00	4.00	\$120.00
	Metal Detector				\$	50.00		
	5035 Sample Kit	\$	16.00					
	Field Book	\$	11.00					
	Filter - Large	\$	18.00					
	Filter - Small	\$	9.00					
	Generator				\$	105.00		
	Hand Auger				\$	30.00		
	Helium QA/QC Kit	~	<b>2</b> 0.01		\$	265.00		
	Helium QA/QC Accessories	\$	20.00		<i>ф</i>	105.00		
	Oil/Water Interface Probe	¢	15.00		\$	105.00		
	Padlocks	\$	15.00		¢	130.00		
	Steam Cleaner				\$	40.00		
	Transducer (ea)				\$			
Other	Coring Machine Rotary Hammer Drill				\$ \$	200.00		
Other	Hand Drill				\$ \$	75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" (		\$1.50		φ	75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" ( Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" (		\$1.30					
	Tubing (Bonded) - Polyethylene (Teflon): 1/4 OD X 1/4 ( Tubing (Bonded) - Polyethylene (Teflon): 1/16" OD X 1/4	-	\$1.25					
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per f		\$1.10	700				\$770.00
	Tubing - Polyethylene: 1/4" OD (per foot)		\$0.60	380				\$228.00
	Tubing - Polyethylene: 1/2" OD (per foot)		\$0.85	*				
	Tubing - Tygon: 3/8" STD (per foot)		\$4.45					
	Tubing - Silicone: 3/8" STD (per foot)		\$4.50	12				\$54.00
	55-Gallon Drum	\$	55.00	1				\$55.00
	Temporary Sampling Port	\$	25.00					
	Vapor Pin Sub-Slab Sampling Port	\$	75.00					
	Sub-Slab Cover (Stainless Steel)	\$	40.00					
	Well Cover 8X12"	\$	105.00					
	Measuring Wheel				\$	15.00		
		÷	00.00		\$	25.00		
	1L Tedlar Bag	\$ ¢	20.00					
	HAZMAT Exemption Shipper	\$	40.00					
	Manometers Westlaw		\$105.00 \$105.00					
	CAD/drafting/graphics		\$105.00					
	Cones, Baracades & Traffic Signs		φ90.00		\$	10.00		
	Gloves (Chemical Resistant)	\$	10.00		Ŷ	10.00		
	Level "B": Level "C1" plus SCBA	φ	10.00		\$	210.00		
Safety	Level "C1": Level "C2" plus SCBA				\$ \$	85.00	L	
Salety	Level "C2": Level "D" plus Respirator				ֆ \$	40.00		
	Standby SCBA				\$	130.00		
	Routine Field and Safety Equipment				\$	50.00	4.00	\$200.00
	1 Inch Binder	\$	9.00		É			
	2 Inch Binder	\$	12.00					
	3 Inch Binder	\$	15.00					
	4 Inch Binder	\$	22.00					
	Binder Tabs (Set of 8)	\$	5.00					
roduction	Color Copies	\$	0.40					
roduction	Color Copies							\$9.00
roduction		\$	0.25	36				\$9.00
roduction	B/W Copies Document - Format/Sending	\$ \$	0.25	36				\$9.00
	B/W Copies Document - Format/Sending			36	_			\$9.00
	B/W Copies		15.00	36				\$3,204.00

Project Title: Project Number/Name: Date:

#### Klinke Cleaners - Sherman Ave 6274 8-Nov-19



	Data Evaluation an	d Reporti	ng		
Labor - Field	Price	Unit	# Units	Subtotal	Task Tota
Principal	\$210.00	hr		\$0.00	
Director	\$190.00	hr	1	\$0.00	
Sr Project Manager	\$170.00	hr	1	\$0.00	
Sr Professional	\$170.00	hr		\$0.00	
Project Manager	\$130.00	hr		\$0.00	
Project Professional	\$130.00	hr		\$0.00	
Staff Professional-Office	\$120.00	hr		\$0.00	
Staff Professional-Field	\$105.00	hr		\$0.00	
Field Professional	\$95.00	hr		\$0.00	
Drafting	\$90.00	hr		\$0.00	
Admin	\$65.00	hr		\$0.00	
Compliance Specialist	\$130.00	hr		\$0.00	
Vapor Intrusion Specialist	\$160.00	hr		\$0.00	
Health and Safety Specialist	\$150.00	hr		\$0.00	
		hr		\$0.00	
	<u> </u>		• •	\$0.00	\$0.00

Labor - Office/Reporting	Price	Unit	# Units	Subtotal	Task Tota
Principal	\$210.00	hr		\$0.00	
Director	\$190.00	hr		\$0.00	
Sr Project Manager	\$170.00	hr	3.0	\$510.00	
Sr Professional	\$170.00	hr		\$0.00	
Project Manager	\$130.00	hr	12.0	\$1,560.00	
Project Professional	\$130.00	hr		\$0.00	
Staff Professional-Office	\$120.00	hr	4.0	\$480.00	
Staff Professional-Field	\$105.00	hr		\$0.00	
Field Professional	\$95.00	hr	8.0	\$760.00	
Drafting	\$90.00	hr	6.0	\$540.00	
Admin	\$65.00	hr		\$0.00	
Compliance Specialist	\$130.00	hr		\$0.00	
Vapor Intrusion Specialist	\$160.00	hr		\$0.00	
Health and Safety Specialist	\$150.00	hr		\$0.00	
		hr		\$0.00	
				\$3,850.00	\$3,850.00

Contractors/Consultants	Price	Unit	# Units	Markup	Subtotal	Task T
Utility Locate		LS		1.00	\$0.00	
Driller		LS		1.00	\$0.00	
Surveyor		LS		1.00	\$0.00	
Waste Disposal		LS		1.00	\$0.00	
Historical Database Report		LS		1.00	\$0.00	
Remediation		LS		1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
					\$0.00	\$0.0
<b>Contractor/Consultant - Laboratory</b>	Price	Unit	# Units	Markup	Subtotal	
Soil VOC 8260 dry wt	\$83.50	ea	1	1.00	\$0.00	
Soil VOC 8260 dry wt QA/QC	\$83.50	ea	1	1.00	\$0.00	
GW VOC 8260	\$72.00	ea	1	1.00	\$0.00	
GW VOC 8260 QA/QC	\$72.00	ea	1	1.00	\$0.00	
Air TO-15 Soil Gas	\$200.00	ea	1	1.00	\$0.00	
Air TO-15 Sub-Slab	\$200.00	ea	1	1.00	\$0.00	
Air TO-15 Indoor Air	\$200.00	ea	1	1.00	\$0.00	
Air - Indivudual Certification	\$50.00	ea	1	1.00	\$0.00	
Air - Batch Certification	\$50.00	LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$72.00	ea		1.00	\$0.00	
Level IV QA/QC (15%)						
					\$0.00	\$0.
	<u></u>					
Direct Costs - Expenses	Price	Unit	# Units	Markup	Subtotal	
Hotel	\$120.00	day	1	1.00	\$0.00	
Meals	\$60.00	LS	1	1.00	\$0.00	
Misc Materials		LS	1	1.00	\$0.00	
Equipment Rental		LS	1	1.00	\$0.00	
			1	l	\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	

	Direct Costs - Chargeable Equipment Expense	Rat	e (hr/unit)	# Hrs/Units	Rate	(day/use)	# days/use	Subtotal
	Field Vehicle - Full Day	\$	20.00		\$	130.00		
<i>ehicles</i>	Mileage at Federal IRS Reimbursement Rate (used only for							
	daily use over 230 miles)	\$	0.560					
	Air Velocity Meter (per use)				\$	25.00		
	Multi-meter Conductivity/pH/Temp/TDS				\$	165.00		
	Dissolved Oxygen Meter				\$	40.00		
	FID Foxboro/Sensidyne (TIP)				\$	155.00		
Meters	Flow Calibrator				\$	30.00		
	PID or 580 OVM Turbidity Meter				\$ \$	120.00		
	ppb RAE				э \$	175.00		
	ORP Meter				\$	30.00		
	Air Pump - Low Flow (Barcad)				\$	25.00		
	Development Pump				\$	130.00		
	Electric Submersible Pump with Control Box (Units)				\$	130.00		
	Low-Flow Sampling Bladder	\$	12.00					
Pumps	Peristaltic Pump				\$	105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifold	\$	100.00					
	Portable SVE Unit - 1.5 HP				\$	155.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter				¢	270.00		
		¢	10.00		\$	270.00		
	Bailers (Disposable)	\$	10.00		¢	15.00		
	Bailers (Non-Disposable) Core Boxes	\$	10.00		\$	15.00		L
	Core Boxes Core Sampler	φ	10.00		\$	55.00		
	Data Logger with Transducer				ֆ \$	155.00		
	Well Caps	\$	30.00		ψ	155.00		
	Elec. Well Sounder (Probe)	Ψ	55.00		\$	30.00		
	Metal Detector				\$	50.00		
	5035 Sample Kit	\$	16.00					
	Field Book	\$	11.00					
	Filter - Large	\$	18.00					
	Filter - Small	\$	9.00					
	Generator				\$	105.00		
	Hand Auger				\$	30.00		
	Helium QA/QC Kit				\$	265.00		
	Helium QA/QC Accessories	\$	20.00					
	Oil/Water Interface Probe				\$	105.00		
	Padlocks	\$	15.00					
	Steam Cleaner				\$	130.00		
	Transducer (ea)				\$	40.00		
	Coring Machine				\$	200.00		
Other	Rotary Hammer Drill Hand Drill				\$	170.00		
			\$1.50		\$	75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4"		\$1.50 \$1.20					
	Tubing (Bonded) - Polyethylene (Terlion): 1/4 OD X 1/4 (Tubing (Bonded) - Polyethylene (Terlion): 1/16" OD X 1/4		\$1.20					
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per f		\$1.10					
	Tubing - Polyethylene: 1/4" OD (per foot)	-	\$0.60					
	Tubing - Polyethylene: 1/4" OD (per foot)		\$0.85					
	Tubing - Tygon: 3/8" STD (per foot)		\$4.45					
	Tubing - Silicone: 3/8" STD (per foot)		\$4.50					
	55-Gallon Drum	\$	55.00					
	Temporary Sampling Port	\$	25.00					
	Vapor Pin Sub-Slab Sampling Port	\$	75.00					
	Sub-Slab Cover (Stainless Steel)	\$	40.00					
	Well Cover 8X12"	\$	105.00					
	Measuring Wheel				\$	15.00		
	Camera	4			\$	25.00		
	1L Tedlar Bag	\$	20.00					
	HAZMAT Exemption Shipper	\$	40.00 \$105.00					
	Manometers Westlaw		\$105.00 \$105.00					
	Westlaw CAD/drafting/graphics		\$105.00 \$90.00					
	CAD/draiting/graphics Cones, Baracades & Traffic Signs		φ20.00		\$	10.00		
	Gloves (Chemical Resistant)	\$	10.00		¢	10.00		
	Level "B": Level "C1" plus SCBA	φ	10.00		\$	210.00		
Safety	Level "C1": Level "C2" plus Polycoat Suit				э \$	85.00		
Sarety	Level "C2": Level "D" plus Respirator				۰ ۶	40.00		
	Standby SCBA				\$	130.00		
	Routine Field and Safety Equipment				\$	50.00		
	1 Inch Binder	\$	9.00					
	2 Inch Binder	\$	12.00					
	3 Inch Binder	\$	15.00					
	4 Inch Binder	\$	22.00					
	Binder Tabs (Set of 8)	\$	5.00					
oduction		\$	0.40	10				\$4.00
oduction	Color Copies	Ф	0.10					
oduction	Color Copies B/W Copies	ծ \$	0.25	124				\$31.00
oduction			0.25 15.00	124 1				\$31.00 \$15.00
oduction	B/W Copies	\$	0.25					
oduction	B/W Copies Document - Format/Sending	\$ \$	0.25 15.00					