



May 3, 2019

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

**Re: Interim Remedial Action Design Report  
Klinke Dry Cleaners Sherman  
1295 N. Sherman Avenue  
Madison, Wisconsin 53704  
BRRTS# 02-13-551965**

Dear Mr. Schmoller:

EnviroForensics, LLC (EnviroForensics) is pleased to submit this Interim Remedial Action Design Report (Report) for the Klinke Dry Cleaners (Klinke) site located at 1295 N. Sherman Avenue in Madison, Wisconsin. One hardcopy of the Report is enclosed, and an electronic copy has been uploaded to the RR Program Submittal Portal. The Report has been prepared in accordance with the requirements of Wisconsin Administrative Code (WAC) Chapter NR 724. The estimated cost to complete the interim remedial action is summarized in the enclosed cost detail sheets and DERF Reimbursement Linking Spreadsheet (Form 4400-214D). These costs represent project change order #5. On behalf of Klinke, EnviroForensics is requesting a written response to the Report and/or approval to proceed with the interim remedial action.

Sincerely,  
**EnviroForensics, LLC**

A handwritten signature in blue ink, appearing to read "Brian Kappen".

Brian Kappen, PG  
*Project Manager*

enclosures

Copy: Rich Klinke, Klinke Cleaners

Site Name: Klinke Cleaners - Sherman Avenue, Madison  
 BRRS #: 02-13-551965  
 Type of Action: Site Investigations

TASKS	BUDGET							Previous Claim DC-579	EnviroForensics							
	Bid / Budgeted Amount	EnviroForensics Change Order #1, 3/2013	EnviroForensics Change Order #2, 9/2013	EnviroForensics Change Order #3, 7/2014	EnviroForensics Change Order #4, 5/2015	EnviroForensics Change Order #5, 5/2019	Total Approved Budget		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																
<b>Further Site Investigation (Phase 02)</b>																
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								
Project Management (02h)		\$ 4,997.50					\$ 4,997.50	\$ 3,898.00	\$ 487.50	\$ 275.00	\$ 156.00					
<b>Further Site Investigation (Phase 03)</b>																
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)			\$ 3,053.00				\$ 3,053.00	\$ 2,498.15								
Investigation-Derived Media Management (03e)			\$ 1,054.00				\$ 1,054.00	\$ -				\$ 445.00				
Data Evaluation and Reporting (03f)			\$ 2,955.00				\$ 2,955.00	\$ 2,801.25	\$ 292.50	\$ 47.50		\$ 538.00				
Project Management (03g)			\$ 1,415.00				\$ 1,415.00	\$ 65.00			\$ 37.30	\$ 188.50	\$ 372.50	\$ 253.50	\$ 351.00	
<b>Further Site Investigation (Phase 05)</b>																
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									
Vapor Intrusion Assessments (05c)				\$ 4,802.00			\$ 4,802.00									\$ 325.00
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									
Project Management (05h)				\$ 3,235.00			\$ 3,235.00									\$ 157.50
<b>Source Area Characterization (Phase 06)</b>																
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									
<b>Interim Remedial Action (Phase 07)</b>																
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 Coordination (07d)						\$ 1,425.00	\$ 1,425.00									
<b>Consultant Cost Total</b>	\$ 14,053.00	\$ 44,490.10	\$ 13,350.00	\$ 23,884.00	\$ 7,837.20	\$ 17,693.00	\$ 121,307.30	\$ 61,397.70	\$ 1,590.20	\$ 1,870.75	\$ 670.30	\$ 2,620.25	\$ 1,350.80	\$ 1,001.00	\$ 2,132.25	\$ 515.00
<b>Sub-Contractor Costs</b>																
Drilling	\$ 1,439.00	\$ 14,935.00	\$ 2,070.00		\$ 2,140.00		\$ 20,584.00	\$ 16,257.00								
Analytical	\$ 1,779.50	\$ 5,474.00	\$ 1,633.00	\$ 5,170.00	\$ 4,324.00	\$ 780.00	\$ 19,160.50	\$ 5,629.00	\$ 822.00							
Private Utility Locate	\$ 500.00	\$ 500.00	\$ 500.00	\$ 975.00	\$ 350.00	\$ 450.00	\$ 2,775.00	\$ 556.00								
Surveyor	\$ 750.00						\$ 750.00	\$ 1,070.00								
Waste Disposal		\$ 2,412.68	\$ 506.00	\$ 175.00	\$ 175.00	\$ 18,225.00	\$ 21,493.68	\$ 2,412.68				\$ 194.31				
Plumbing Contractor						\$ 11,000.00	\$ 11,000.00									
Excavation Contractor						\$ 26,245.00	\$ 26,245.00									
Paving Contractor						\$ 9,817.00	\$ 9,817.00									
<b>Sub-Contractor Cost Total</b>	\$ 3,218.50	\$ 24,071.68	\$ 4,709.00	\$ 6,320.00	\$ 6,989.00	\$ 66,517.00	\$ 111,825.18	\$ 25,924.68	\$ -	\$ 822.00	\$ -	\$ 194.31	\$ -	\$ -	\$ -	\$ -
<b>DERF ELIGIBLE SUB-TOTALS</b>	\$ 17,271.50	\$ 68,561.78	\$ 18,059.00	\$ 30,204.00	\$ 14,826.20	\$ 84,210.00	\$ 233,132.48	\$ 87,322.38	\$ 1,590.20	\$ 2,692.75	\$ 670.30	\$ 2,814.56	\$ 1,350.80	\$ 1,001.00	\$ 2,132.25	\$ 515.00
<b>Non-DERF Eligible Expenses</b>																
Mileage								\$ 60.35								
Permit Fees								\$ 50.80								
DERF Reimbursement 1								\$ 255.00	\$ 476.25	\$ 188.51				\$ 260.00		
<b>Non-DERF Cost Total</b>								\$ 111.15	\$ 255.00	\$ -	\$ 476.25	\$ 188.51	\$ -	\$ -	\$ 260.00	\$ -
<b>INVOICE GRAND TOTAL</b>								\$ 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
<b>Check Numbers</b>																

Site Name: Klinke Cleaners - Sherman Avenue, Madison  
 BRRS #: 02-13-551965  
 Type of Action: Site Investigations

TASKS	BUDGET							Previous Claim DC-579	EnviroForensics							
	Bid / Budgeted Amount	EnviroForensics Change Order #1, 3/2013	EnviroForensics Change Order #2, 9/2013	EnviroForensics Change Order #3, 7/2014	EnviroForensics Change Order #4, 5/2015	EnviroForensics Change Order #5, 5/2019	Total Approved Budget		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, 15430, 3/31/2015	EnviroForensics, 15542, 4/30/2015	EnviroForensics, 15635, 5/31/2015
Consultant Costs																
<b>Further Site Investigation (Phase 02)</b>																
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)		\$ 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								
Project Management (02h)		\$ 4,997.50					\$ 4,997.50	\$ 3,898.00								
<b>Further Site Investigation (Phase 03)</b>																
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)			\$ 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)			\$ 2,955.00				\$ 2,955.00	\$ 2,801.25								
Project Management (03g)			\$ 1,415.00				\$ 1,415.00	\$ 65.00								
<b>Further Site Investigation (Phase 05)</b>																
Work Scope Development (05a)				\$ 2,914.00			\$ 2,914.00									
Access Coordination (05b)				\$ 3,543.00			\$ 3,543.00									
Vapor Intrusion Assessments (05c)				\$ 4,802.00			\$ 4,802.00		\$ 325.00		\$ 32.50	\$ 1,716.30	\$ 227.50	\$ 260.00	\$ 65.00	
Utility Inspection (05d)				\$ 630.00			\$ 630.00						\$ 247.50	\$ 296.25	\$ 1,750.20	\$ 58.00
Groundwater Monitoring (05e)				\$ 4,626.00			\$ 4,626.00					\$ 65.00	\$ 356.50	\$ 249.00		
Investigation-Derived Media Management (05f)				\$ 570.00			\$ 570.00		\$ 2,243.10	\$ 246.25	\$ 43.65	\$ 198.75	\$ 1,630.50	\$ 80.00	\$ 511.09	
Data Evaluation and Reporting (05g)				\$ 3,564.00			\$ 3,564.00						\$ 118.75	\$ 403.85	\$ 847.00	\$ 102.00
Project Management (05h)				\$ 3,235.00			\$ 3,235.00		\$ 97.50	\$ 97.50	\$ 237.50	\$ 175.00	\$ 290.00	\$ 577.00	\$ 237.75	\$ 455.00
<b>Source Area Characterization (Phase 06)</b>																
Work Scope Development (06a)					\$ 1,809.00		\$ 1,809.00									\$ 1,929.50
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									
<b>Interim Remedial Action (Phase 07)</b>																
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 Coordination (07d)						\$ 1,425.00	\$ 1,425.00									
<b>Consultant Cost Total</b>	\$ 14,053.00	\$ 44,490.10	\$ 13,350.00	\$ 23,884.00	\$ 7,837.20	\$ 17,693.00	\$ 121,307.30	\$ 61,397.70	\$ 2,340.60	\$ 692.50	\$ 281.15	\$ 406.25	\$ 4,003.05	\$ 1,649.60	\$ 3,962.54	\$ 2,858.50
<b>Sub-Contractor Costs</b>																
Drilling	\$ 1,439.00	\$ 14,935.00	\$ 2,070.00		\$ 2,140.00		\$ 20,584.00	\$ 16,257.00								
Analytical	\$ 1,779.50	\$ 5,474.00	\$ 1,633.00	\$ 5,170.00	\$ 4,324.00	\$ 780.00	\$ 19,160.50	\$ 5,629.00	\$ 753.50			\$ 753.50		\$ 1,851.50		
Private Utility Locate	\$ 500.00	\$ 500.00	\$ 500.00	\$ 975.00	\$ 350.00	\$ 450.00	\$ 2,775.00	\$ 556.00						\$ 945.00		
Surveyor	\$ 750.00						\$ 750.00	\$ 1,070.00								
Waste Disposal		\$ 2,412.68	\$ 506.00	\$ 175.00	\$ 175.00	\$ 18,225.00	\$ 21,493.68	\$ 2,412.68								
Plumbing Contractor						\$ 11,000.00	\$ 11,000.00									
Excavation Contractor						\$ 26,245.00	\$ 26,245.00									
Paving Contractor						\$ 9,817.00	\$ 9,817.00									
<b>Sub-Contractor Cost Total</b>	\$ 3,218.50	\$ 24,071.68	\$ 4,709.00	\$ 6,320.00	\$ 6,989.00	\$ 66,517.00	\$ 111,825.18	\$ 25,924.68	\$ -	\$ 753.50	\$ -	\$ -	\$ 753.50	\$ -	\$ 2,796.50	\$ -
<b>DERF ELIGIBLE SUB-TOTALS</b>	\$ 17,271.50	\$ 68,561.78	\$ 18,059.00	\$ 30,204.00	\$ 14,826.20	\$ 84,210.00	\$ 233,132.48	\$ 87,322.38	\$ 2,340.60	\$ 1,446.00	\$ 281.15	\$ 406.25	\$ 4,756.55	\$ 1,649.60	\$ 6,759.04	\$ 2,858.50
<b>Non-DERF Eligible Expenses</b>																
Mileage								\$ 60.35								
Permit Fees								\$ 50.80								
DERF Reimbursement 1																
<b>Non-DERF Cost Total</b>								\$ 111.15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>INVOICE GRAND TOTAL</b>								\$ 87,433.53	\$ 2,340.60	\$ 1,446.00	\$ 281.15	\$ 406.25	\$ 4,756.55	\$ 1,649.60	\$ 6,759.04	\$ 2,858.50

**Check Numbers**

Site Name: *Klinke Cleaners - Sherman Avenue, Madison*  
 BRRTS #: *02-13-551965*  
 Type of Action: *Site Investigations*

TASKS	BUDGET							Total Approved Budget	Previous Claim DC-579	EnviroForensics, 15719, 6/30/2015	EnviroForensics, 15807, 7/31/2015	EnviroForensics, 15994, 8/31/2015	EnviroForensics, 16072, 9/30/2015	EnviroForensics, 16124, 10/31/2015	EnviroForensics, 16250, 11/30/2015	EnviroForensics, 16544, 1/31/2016	Total Invoiced Costs
	Bid / Budgeted Amount	EnviroForensics Change Order #1, 3/2013	EnviroForensics Change Order #2, 9/2013	EnviroForensics Change Order #3, 7/2014	EnviroForensics Change Order #4, 5/2015	EnviroForensics Change Order #5, 5/2019											
<b>Consultant Costs</b>																	
<b>Further Site Investigation (Phase 02)</b>																	
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									\$ 4,697.50
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									\$ -
Project Management (02h)		\$ 4,997.50					\$ 4,997.50	\$ 3,898.00									\$ 918.50
<b>Further Site Investigation (Phase 03)</b>																	
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)			\$ 3,053.00				\$ 3,053.00	\$ 2,498.15									\$ -
Investigation-Derived Media Management (03e)			\$ 1,054.00				\$ 1,054.00	\$ -									\$ 445.00
Data Evaluation and Reporting (03f)			\$ 2,955.00				\$ 2,955.00	\$ 2,801.25									\$ 878.00
Project Management (03g)			\$ 1,415.00				\$ 1,415.00	\$ 65.00									\$ 1,202.80
<b>Further Site Investigation (Phase 05)</b>																	
Work Scope Development (05a)				\$ 2,914.00			\$ 2,914.00										\$ 3,093.75
Access Coordination (05b)				\$ 3,543.00			\$ 3,543.00										\$ 2,951.30
Vapor Intrusion Assessments (05c)				\$ 4,802.00			\$ 4,802.00	\$ 1,493.00									\$ 3,844.95
Utility Inspection (05d)				\$ 630.00			\$ 630.00										\$ 670.50
Groundwater Monitoring (05e)				\$ 4,626.00			\$ 4,626.00										\$ 4,394.75
Investigation-Derived Media Management (05f)				\$ 570.00			\$ 570.00										\$ 614.84
Data Evaluation and Reporting (05g)				\$ 3,564.00			\$ 3,564.00	\$ 351.50	\$ 241.95								\$ 2,065.05
Project Management (05h)				\$ 3,235.00			\$ 3,235.00	\$ 201.00	\$ 318.50	\$ 308.00							\$ 3,152.25
<b>Source Area Characterization (Phase 06)</b>																	
Work Scope Development (06a)					\$ 1,809.00		\$ 1,809.00										\$ 1,929.50
Soil Boring and Sampling (06b)					\$ 2,613.30		\$ 2,613.30			\$ 2,075.50		\$ 47.50	\$ 218.50				\$ 2,341.50
Data Analysis and Reporting (06c)					\$ 2,574.90		\$ 2,574.90			\$ 503.00	\$ 1,815.50						\$ 2,318.50
Project Management (06d)					\$ 840.00		\$ 840.00				\$ 267.00	\$ 292.00	\$ 85.75				\$ 644.75
<b>Interim Remedial Action (Phase 07)</b>																	
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 Coordination (07d)							\$ 1,425.00	\$ 1,425.00									
<b>Consultant Cost Total</b>																	
	\$ 14,053.00	\$ 44,490.10	\$ 13,350.00	\$ 23,884.00	\$ 7,837.20	\$ 17,693.00	\$ 121,307.30	\$ 61,397.70	\$ 2,045.50	\$ 560.45	\$ 2,886.50	\$ 2,082.50	\$ 339.50	\$ 304.25	\$ -	\$ -	\$ 36,163.44
<b>Sub-Contractor Costs</b>																	
Drilling	\$ 1,439.00	\$ 14,935.00	\$ 2,070.00		\$ 2,140.00		\$ 20,584.00	\$ 16,257.00			\$ 2,298.50						\$ 2,298.50
Analytical	\$ 1,779.50	\$ 5,474.00	\$ 1,633.00	\$ 5,170.00	\$ 4,324.00	\$ 780.00	\$ 19,160.50	\$ 5,629.00	\$ 1,656.00		\$ 2,740.00						\$ 8,576.50
Private Utility Locate		\$ 500.00	\$ 500.00	\$ 975.00	\$ 350.00	\$ 450.00	\$ 2,775.00	\$ 556.00								\$ 222.50	\$ 1,167.50
Surveyor		\$ 750.00					\$ 750.00	\$ 1,070.00									\$ -
Waste Disposal		\$ 2,412.68	\$ 506.00	\$ 175.00	\$ 175.00	\$ 18,225.00	\$ 21,493.68	\$ 2,412.68						\$ 202.09			\$ 396.40
Plumbing Contractor						\$ 11,000.00	\$ 11,000.00										
Excavation Contractor						\$ 26,245.00	\$ 26,245.00										
Paving Contractor						\$ 9,817.00	\$ 9,817.00										
<b>Sub-Contractor Cost Total</b>																	
	\$ 3,218.50	\$ 24,071.68	\$ 4,709.00	\$ 6,320.00	\$ 6,989.00	\$ 66,517.00	\$ 111,825.18	\$ 25,924.68	\$ 1,656.00	\$ -	\$ 5,038.50	\$ -	\$ -	\$ 202.09	\$ 222.50	\$ -	\$ 12,438.90
<b>DERF ELIGIBLE SUB-TOTALS</b>																	
	\$ 17,271.50	\$ 68,561.78	\$ 18,059.00	\$ 30,204.00	\$ 14,826.20	\$ 84,210.00	\$ 233,132.48	\$ 87,322.38	\$ 3,701.50	\$ 560.45	\$ 7,925.00	\$ 2,082.50	\$ 339.50	\$ 506.34	\$ 222.50	\$ -	\$ 48,602.34
<b>Non-DERF Eligible Expenses</b>																	
Mileage								\$ 60.35									\$ -
Permit Fees								\$ 50.80									\$ -
DERF Reimbursement 1																	\$ 1,179.76
<b>Non-DERF Cost Total</b>																	
							\$ 111.15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,179.76
<b>INVOICE GRAND TOTAL</b>																	
							\$ 87,433.53	\$ 3,701.50	\$ 560.45	\$ 7,925.00	\$ 2,082.50	\$ 339.50	\$ 506.34	\$ 222.50	\$ -	\$ -	\$ 49,782.10

Check Numbers

Site Name: Klinke Cleaners - Sherman Avenue, Madison  
 BRRS #: 02-13-551965  
 Type of Action: Site Investigations

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

TASKS	BUDGET							DERF COST BREAKOUT (this claim)								Budget Remaining Use (-) to indicate cost over-run	% Task Complete, Remarks	
	Bid / Budgeted Amount	EnviroForensics Change Order #1, 3/2013	EnviroForensics Change Order #2, 9/2013	EnviroForensics Change Order #3, 7/2014	EnviroForensics Change Order #4, 5/2015	EnviroForensics Change Order #5, 5/2019	Total Approved Budget	Previous Claim DC-579	A Soil Investigation	B Soil Remediation	C Groundwater Investigation	D Groundwater Remediation	E Air/Vapor Investigation	F Air/Vapor Remediation	G Lab & Other Analysis			H Miscellaneous Costs
Consultant Costs																		
<b>Further Site Investigation (Phase 02)</b>																		
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
Soil Borings & Monitoring Well Nests (02c)		\$ 12,276.00					\$ 12,276.00	\$ 14,436.20										\$ (2,160.20) 100
Quarterly GW Monitoring & Reporting, 3-quarters (02d)		\$ 12,318.50					\$ 12,318.50	\$ 6,961.05			\$ 4,697.50							\$ 659.95 100
Investigation Derived Media Management (02e)		\$ 1,380.00					\$ 1,380.00	\$ 1,435.00										\$ (55.00) 100
Vapor Intrusion Pathway Review (02f)		\$ 560.00					\$ 560.00	\$ 552.50										\$ 7.50 100
Data Evaluation & Reporting (02g)		\$ 5,776.50					\$ 5,776.50	\$ 5,810.05										\$ (33.55) 100
Project Management (02h)		\$ 4,997.50					\$ 4,997.50	\$ 3,898.00			\$ 918.50							\$ 181.00 100
<b>Further Site Investigation (Phase 03)</b>																		
File Review (03a)			\$ 902.00				\$ 902.00	\$ 600.40										\$ 301.60 100
Work Scope Development (03b)			\$ 2,234.00				\$ 2,234.00	\$ 1,968.95										\$ 265.05 100
Off-Site Access Permit (03c)			\$ 1,737.00				\$ 1,737.00	\$ 548.75										\$ 1,188.25 100
Soil Gas and Grab Groundwater Sampling (03d)			\$ 3,053.00				\$ 3,053.00	\$ 2,498.15										\$ 554.85 100
Investigation-Derived Media Management (03e)			\$ 1,054.00				\$ 1,054.00	\$ -			\$ 445.00							\$ 609.00 100
Data Evaluation and Reporting (03f)			\$ 2,955.00				\$ 2,955.00	\$ 2,801.25			\$ 578.00		\$ 300.00					\$ (724.25) 100
Project Management (03g)			\$ 1,415.00				\$ 1,415.00	\$ 65.00			\$ 1,000.00		\$ 202.80					\$ 147.20 100
<b>Further Site Investigation (Phase 05)</b>																		
Work Scope Development (05a)				\$ 2,914.00			\$ 2,914.00			\$ 500.00		\$ 2,593.75						\$ (179.75) 100
Access Coordination (05b)				\$ 3,543.00			\$ 3,543.00					\$ 2,951.30						\$ 591.70 100
Vapor Intrusion Assessments (05c)				\$ 4,802.00			\$ 4,802.00					\$ 3,844.95						\$ 957.05 100
Utility Inspection (05d)				\$ 630.00			\$ 630.00		\$ 200.00	\$ 470.50								\$ (40.50) 100
Groundwater Monitoring (05e)				\$ 4,626.00			\$ 4,626.00			\$ 4,394.75								\$ 231.25 100
Investigation-Derived Media Management (05f)				\$ 570.00			\$ 570.00			\$ 614.84								\$ (44.84) 100
Data Evaluation and Reporting (05g)				\$ 3,564.00			\$ 3,564.00			\$ 350.00		\$ 1,715.05						\$ 1,498.95 100
Project Management (05h)				\$ 3,235.00			\$ 3,235.00			\$ 750.00		\$ 2,402.25						\$ 82.75 100
<b>Source Area Characterization (Phase 06)</b>																		
Work Scope Development (06a)					\$ 1,809.00		\$ 1,809.00		\$ 1,929.50									\$ (120.50) 100
Soil Boring and Sampling (06b)					\$ 2,613.30		\$ 2,613.30		\$ 2,341.50									\$ 271.80 100
Data Analysis and Reporting (06c)					\$ 2,574.90		\$ 2,574.90		\$ 2,318.50									\$ 256.40 100
Project Management (06d)					\$ 840.00		\$ 840.00		\$ 644.75									\$ 195.25 100
<b>Interim Remedial Action (Phase 07)</b>																		
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 Coordination (07d)						\$ 1,425.00	\$ 1,425.00											
<b>Consultant Cost Total</b>	\$ 14,053.00	\$ 44,490.10	\$ 13,350.00	\$ 23,884.00	\$ 7,837.20	\$ 17,693.00	\$ 121,307.30	\$ 61,397.70										\$ 23,746.16
<b>Sub-Contractor Costs</b>																		
Drilling	\$ 1,439.00	\$ 14,935.00	\$ 2,070.00		\$ 2,140.00		\$ 20,584.00	\$ 16,257.00	\$ 2,298.50									\$ 2,028.50 100
Analytical	\$ 1,779.50	\$ 5,474.00	\$ 1,633.00	\$ 5,170.00	\$ 4,324.00	\$ 780.00	\$ 19,160.50	\$ 5,629.00						\$ 8,576.50				\$ 4,955.00 96
Private Utility Locate	\$ 500.00	\$ 500.00	\$ 500.00	\$ 975.00	\$ 350.00	\$ 450.00	\$ 2,775.00	\$ 556.00	\$ 222.50	\$ 945.00								\$ 1,051.50 84
Surveyor	\$ 750.00						\$ 750.00	\$ 1,070.00										\$ (320.00) 100
Waste Disposal		\$ 2,412.68	\$ 506.00	\$ 175.00	\$ 175.00	\$ 18,225.00	\$ 21,493.68	\$ 2,412.68	\$ 202.09	\$ 194.31								\$ 18,684.60 15
Plumbing Contractor						\$ 11,000.00	\$ 11,000.00											
Excavation Contractor						\$ 26,245.00	\$ 26,245.00											
Paving Contractor						\$ 9,817.00	\$ 9,817.00											
<b>Sub-Contractor Cost Total</b>	\$ 3,218.50	\$ 24,071.68	\$ 4,709.00	\$ 6,320.00	\$ 6,989.00	\$ 66,517.00	\$ 111,825.18	\$ 25,924.68										\$ 26,399.60
<b>DERF ELIGIBLE SUB-TOTALS</b>	\$ 17,271.50	\$ 68,561.78	\$ 18,059.00	\$ 30,204.00	\$ 14,826.20	\$ 84,210.00	\$ 233,132.48	\$ 87,322.38	\$ 10,157.34	\$ -	\$ 15,858.40	\$ -	\$ 14,010.10	\$ -	\$ 8,576.50	\$ -	\$ 50,145.76	

Non-DERF Eligible Expenses	
Mileage	\$ 60.35
Permit Fees	\$ 50.80
DERF Reimbursement 1	
Non-DERF Cost Total	\$ 111.15
<b>INVOICE GRAND TOTAL</b>	<b>\$ 87,433.53</b>

Total DERF Eligible Costs This Claim \$ 48,602.34

Check Numbers



**TABLE 1**  
**INTERIM ACTION COST ESTIMATE**

Klinke Cleaners - Sherman Ave  
Madison, Wisconsin

<b>TASK</b>	<b>LABOR COSTS</b>	<b>SUB-CONTRACTOR COSTS</b>	<b>DIRECT COSTS</b>	<b>PHASE COST</b>
<b>Phase 07a</b>				
Interim Action Design Report	\$3,810	\$0	\$25	<b>\$3,835</b>
<b>Phase 07b</b>				
Soil Excavation, Disposal, and Utility Lateral Replacement	\$7,480	\$66,517	\$1,853	<b>\$75,850</b>
<b>Phase 07c</b>				
Interim Action Completion Report	\$3,085	\$0	\$15	<b>\$3,100</b>
<b>Phase 07d</b>				
Project Coordination	\$1,425	\$0	\$0	<b>\$1,425</b>
<b>TOTAL</b>	<b>\$15,800</b>	<b>\$66,517</b>	<b>\$1,893</b>	<b>\$84,210</b>

**Project Title:**  
**Project Number/Name:**  
**Date:**

Klinke Cleaners - Sherman Ave  
 6274  
 3/1/2019



**Phase 07a Interim Action Design Report**

<b>Labor - Field</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>		<b>Subtotal</b>	<b>Task Total</b>
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	<b>\$0.00</b>

<b>Labor - Office/Reporting</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>		<b>Subtotal</b>	<b>Task Total</b>
Principal	\$210.00	hr			\$0.00	
Director	\$190.00	hr			\$0.00	
Sr Project Manager	\$170.00	hr	4.0		\$680.00	
Sr Professional	\$170.00	hr			\$0.00	
Project Manager	\$130.00	hr	22.0		\$2,860.00	
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	3.0		\$270.00	
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	
					\$3,810.00	<b>\$3,810.00</b>

<b>Contractors/Consultants</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
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	<b>\$0.00</b>

<b>Contractor/Consultant - Laboratory</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
Soil VOC 8260 dry wt	\$65.00	ea		1.00	\$0.00	
Soil VOC 8260 (24-hr TAT)	\$144.00	ea		1.00	\$0.00	
GW VOC 8260	\$72.00	ea		1.00	\$0.00	
GW VOC 8260 QA/QC	\$72.00	ea		1.00	\$0.00	
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 - Individual Certification	\$50.00	ea		1.00	\$0.00	
Air - Batch Certification	\$50.00	LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$70.00	ea		1.00	\$0.00	
Level IV QA/QC (15%)					\$0.00	
					\$0.00	<b>\$0.00</b>

<b>Direct Costs - Expenses</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
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	
					\$0.00	
					\$0.00	
					\$0.00	<b>\$0.00</b>

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.560				
Meters	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		
	Flow Calibrator			\$ 30.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
Pumps	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				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifold)	\$ 100.00				
Other	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 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		
	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		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8"	\$ 1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4"	\$ 1.20				
	Tubing (Bonded) - Polyethylene (Teflon) : 1/16" OD X 1/4"	\$ 1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$ 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)	\$ 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			\$ 25.00			
1L Tedlar Bag	\$ 20.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Cones, Baracades & Traffic Signs			\$ 10.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Production	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				
	Color Copies	\$ 0.40	20			\$ 8.00
	B/W Copies	\$ 0.25	68			\$ 17.00
Document - Format/Sending	\$ 15.00					
Report CD Copy	\$ 5.00					
						\$ 25.00
<b>PHASE TOTAL</b>						<b>\$ 3,835.00</b>



Project Title:  
 Project Number/Name:  
 Date:

Klinke Cleaners - Sherman Ave  
 6274  
 3/1/2019



**Phase 07b Soil Excavation, Disposal, and Utility Lateral Replacement**

<b>Labor - Field</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>		<b>Subtotal</b>	<b>Task Total</b>
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	58.0		\$5,510.00	
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	
					\$5,510.00	\$5,510.00

<b>Labor - Office/Reporting</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>		<b>Subtotal</b>	<b>Task Total</b>
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	12.0		\$1,560.00	
Project Professional	\$130.00	hr			\$0.00	
Staff Professional-Office	\$120.00	hr	2.0		\$240.00	
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	
					\$1,970.00	\$1,970.00

<b>Contractors/Consultants</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
Utility Locate	\$450.00	LS	1.0	1.00	\$450.00	
Driller		LS		1.00	\$0.00	
Shoring/ Safety		LS		1.00	\$0.00	
Waste Disposal	\$40.50	ton	450.0	1.00	\$18,225.00	
Asphalt Replacement	\$9,817.00	LS	1.0	1.00	\$9,817.00	
Remediation Contractor (excavation and hauling)	\$26,245.00	LS	1.0	1.00	\$26,245.00	
Plumber	\$11,000.00	LS	1.0	1.00	\$11,000.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
					\$65,737.00	\$65,737.00

<b>Contractor/Consultant - Laboratory</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
Soil VOC 8260 dry wt	\$65.00	ea	12.0	1.00	\$780.00	
Soil VOC 8260 dry wt QA/QC	\$65.00	ea		1.00	\$0.00	
GW VOC 8260	\$65.00	ea		1.00	\$0.00	
GW VOC 8260 QA/QC	\$65.00	ea		1.00	\$0.00	
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 - Individual Certification	\$50.00	ea		1.00	\$0.00	
Air - Batch Certification	\$50.00	LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$70.00	ea		1.00	\$0.00	
Level IV QA/QC (15%)						
					\$780.00	\$780.00

<b>Direct Costs - Expenses</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
Hotel	\$120.00	day		1.00	\$0.00	
Meals	\$60.00	LS		1.00	\$0.00	
Waste Profile Fee	\$100.00	LS	1.0	1.00	\$100.00	
Equipment Rental (FROGG??)	\$380.00	day	2.0	1.00	\$760.00	
FROG-5000 Calibration	\$370.00	LS	1.0	1.00	\$370.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$1,230.00	\$1,230.00

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00	4.00	\$520.00
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.560				
Meters	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		
	Flow Calibrator			\$ 30.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
Pumps	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				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifold)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
Other	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 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		
	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		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" OD (per foot)	\$1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" OD (per foot)	\$1.20				
	Tubing (Bonded) - Polyethylene (Teflon): 1/16" OD X 1/4" OD (per foot)	\$1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$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)	\$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			\$ 25.00		
	1L Tedlar Bag	\$ 20.00				
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$105.00					
Westlaw	\$105.00					
CAD/drafting/graphics	\$90.00					
Safety	Cones, Baracades & Traffic Signs			\$ 10.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Production	Routine Field and Safety Equipment			\$ 50.00	2.00	\$100.00
	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				
	Color Copies	\$ 0.40				
	B/W Copies	\$ 0.25	12			\$3.00
Document - Format/Sending	\$ 15.00					
Report CD Copy	\$ 5.00					
						\$623.00
<b>PHASE TOTAL</b>						<b>\$75,850.00</b>

**Project Title:**  
**Project Number/Name:**  
**Date:**

Klinke Cleaners - Sherman Ave  
 6274  
 3/1/2019



Phase 07c Interim Action Completion Report						
Labor - Field	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			\$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	2.0		\$340.00	
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			\$0.00	
Staff Professional-Field	\$105.00	hr			\$0.00	
Field Professional	\$95.00	hr	8.0		\$760.00	
Drafting	\$90.00	hr	4.0		\$360.00	
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	
					\$3,085.00	\$3,085.00

Contractors/Consultants	Price	Unit	# Units	Markup	Subtotal	Task Total
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	\$0.00

Contractor/Consultant - Laboratory	Price	Unit	# Units	Markup	Subtotal	Task Total
Soil VOC 8260 dry wt	\$65.00	ea		1.00	\$0.00	
Soil VOC 8260 dry wt QA/QC	\$65.00	ea		1.00	\$0.00	
GW VOC 8260	\$65.00	ea		1.00	\$0.00	
GW VOC 8260 QA/QC	\$65.00	ea		1.00	\$0.00	
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 - Individual Certification	\$50.00	ea		1.00	\$0.00	
Air - Batch Certification	\$50.00	LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$70.00	ea		1.00	\$0.00	
Level IV QA/QC (15%)					\$0.00	
					\$0.00	\$0.00

Direct Costs - Expenses	Price	Unit	# Units	Markup	Subtotal	Task Total
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	
					\$0.00	
					\$0.00	
					\$0.00	\$0.00

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.560				
Meters	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		
	Flow Calibrator			\$ 30.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
Pumps	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				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifold)	\$ 100.00				
Other	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 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		
	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		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8"	\$ 1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4"	\$ 1.20				
	Tubing (Bonded) - Polyethylene (Teflon) : 1/16" OD X 1/4"	\$ 1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$ 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)	\$ 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			\$ 25.00			
1L Tedlar Bag	\$ 20.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Cones, Baracades & Traffic Signs			\$ 10.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Production	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				
	Color Copies	\$ 0.40	12			\$4.80
	B/W Copies	\$ 0.25	40			\$10.00
Document - Format/Sending	\$ 15.00					
Report CD Copy	\$ 5.00					
						\$14.80
<b>PHASE TOTAL</b>						<b>\$3,099.80</b>

**Project Title:**  
**Project Number/Name:**  
**Date:**

Klinke Cleaners - Sherman Ave  
 6274  
 3/1/2019



Phase 07d Project Coordination						
Labor - Field	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			\$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	1.5		\$255.00	
Sr Professional	\$170.00	hr			\$0.00	
Project Manager	\$130.00	hr	9.0		\$1,170.00	
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	
					\$1,425.00	\$1,425.00

Contractors/Consultants	Price	Unit	# Units	Markup	Subtotal	Task Total
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	\$0.00

Contractor/Consultant - Laboratory	Price	Unit	# Units	Markup	Subtotal	Task Total
Soil VOC 8260 dry wt	\$65.00	ea		1.00	\$0.00	
Soil VOC 8260 dry wt QA/QC	\$65.00	ea		1.00	\$0.00	
GW VOC 8260	\$65.00	ea		1.00	\$0.00	
GW VOC 8260 QA/QC	\$65.00	ea		1.00	\$0.00	
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 - Individual Certification	\$50.00	ea		1.00	\$0.00	
Air - Batch Certification	\$50.00	LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$70.00	ea		1.00	\$0.00	
Level IV QA/QC (15%)					\$0.00	
					\$0.00	\$0.00

Direct Costs - Expenses	Price	Unit	# Units	Markup	Subtotal	Task Total
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	
					\$0.00	
					\$0.00	
					\$0.00	\$0.00

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.560				
Meters	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		
	Flow Calibrator			\$ 30.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
Pumps	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				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifold)	\$ 100.00				
Other	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 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		
	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		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8"	\$ 1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4"	\$ 1.20				
	Tubing (Bonded) - Polyethylene (Teflon) : 1/16" OD X 1/4"	\$ 1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$ 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)	\$ 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			\$ 25.00		
	1L Tedlar Bag	\$ 20.00				
	HAZMAT Exemption Shipper	\$ 40.00				
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Cones, Baracades & Traffic Signs			\$ 10.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Production	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				
	Color Copies	\$ 0.40				
	B/W Copies	\$ 0.25				
Document - Format/Sending	\$ 15.00					
Report CD Copy	\$ 5.00					
						\$0.00
<b>PHASE TOTAL</b>						<b>\$1,425.00</b>



**TABLE 1**  
**INTERIM ACTION COST ESTIMATE**

Klinke Cleaners - Sherman Ave  
Madison, Wisconsin

<b>TASK</b>	<b>LABOR COSTS</b>	<b>SUB-CONTRACTOR COSTS</b>	<b>DIRECT COSTS</b>	<b>PHASE COST</b>
<b>Phase 07a</b>				
Interim Action Design Report	\$3,810	\$0	\$25	<b>\$3,835</b>
<b>Phase 07b</b>				
Soil Excavation, Disposal, and Utility Lateral Replacement	\$7,480	\$66,517	\$1,853	<b>\$75,850</b>
<b>Phase 07c</b>				
Interim Action Completion Report	\$3,085	\$0	\$15	<b>\$3,100</b>
<b>Phase 07d</b>				
Project Coordination	\$1,425	\$0	\$0	<b>\$1,425</b>
<b>TOTAL</b>	<b>\$15,800</b>	<b>\$66,517</b>	<b>\$1,893</b>	<b>\$84,210</b>

**Project Title:**  
**Project Number/Name:**  
**Date:**

Klinke Cleaners - Sherman Ave  
 6274  
 3/1/2019



**Phase 07a Interim Action Design Report**

<b>Labor - Field</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>		<b>Subtotal</b>	<b>Task Total</b>
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	<b>\$0.00</b>

<b>Labor - Office/Reporting</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>		<b>Subtotal</b>	<b>Task Total</b>
Principal	\$210.00	hr			\$0.00	
Director	\$190.00	hr			\$0.00	
Sr Project Manager	\$170.00	hr	4.0		\$680.00	
Sr Professional	\$170.00	hr			\$0.00	
Project Manager	\$130.00	hr	22.0		\$2,860.00	
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	3.0		\$270.00	
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	
					\$3,810.00	<b>\$3,810.00</b>

<b>Contractors/Consultants</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
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	<b>\$0.00</b>

<b>Contractor/Consultant - Laboratory</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
Soil VOC 8260 dry wt	\$65.00	ea		1.00	\$0.00	
Soil VOC 8260 (24-hr TAT)	\$144.00	ea		1.00	\$0.00	
GW VOC 8260	\$72.00	ea		1.00	\$0.00	
GW VOC 8260 QA/QC	\$72.00	ea		1.00	\$0.00	
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 - Individual Certification	\$50.00	ea		1.00	\$0.00	
Air - Batch Certification	\$50.00	LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$70.00	ea		1.00	\$0.00	
Level IV QA/QC (15%)					\$0.00	
					\$0.00	<b>\$0.00</b>

<b>Direct Costs - Expenses</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
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	
					\$0.00	
					\$0.00	
					\$0.00	<b>\$0.00</b>



Direct Costs - Chargeable Equipment Expense		Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.560				
Meters	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		
	Flow Calibrator			\$ 30.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
Pumps	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				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifold)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
Other	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 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		
	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		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8"	\$ 1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4"	\$ 1.20				
	Tubing (Bonded) - Polyethylene (Teflon) : 1/16" OD X 1/4"	\$ 1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$ 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)	\$ 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			\$ 25.00		
	1L Tedlar Bag	\$ 20.00				
	HAZMAT Exemption Shipper	\$ 40.00				
	Manometers	\$ 105.00				
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Cones, Baracades & Traffic Signs			\$ 10.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Production	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				
	Color Copies	\$ 0.40	20			\$ 8.00
	B/W Copies	\$ 0.25	68			\$ 17.00
Document - Format/Sending	\$ 15.00					
Report CD Copy	\$ 5.00					
						\$ 25.00
<b>PHASE TOTAL</b>						<b>\$ 3,835.00</b>

Project Title:  
 Project Number/Name:  
 Date:

Klinke Cleaners - Sherman Ave  
 6274  
 3/1/2019



**Phase 07b Soil Excavation, Disposal, and Utility Lateral Replacement**

<b>Labor - Field</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>		<b>Subtotal</b>	<b>Task Total</b>
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	58.0		\$5,510.00	
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	
					\$5,510.00	\$5,510.00

<b>Labor - Office/Reporting</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>		<b>Subtotal</b>	<b>Task Total</b>
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	12.0		\$1,560.00	
Project Professional	\$130.00	hr			\$0.00	
Staff Professional-Office	\$120.00	hr	2.0		\$240.00	
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	
					\$1,970.00	\$1,970.00

<b>Contractors/Consultants</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
Utility Locate	\$450.00	LS	1.0	1.00	\$450.00	
Driller		LS		1.00	\$0.00	
Shoring/ Safety		LS		1.00	\$0.00	
Waste Disposal	\$40.50	ton	450.0	1.00	\$18,225.00	
Asphalt Replacement	\$9,817.00	LS	1.0	1.00	\$9,817.00	
Remediation Contractor (excavation and hauling)	\$26,245.00	LS	1.0	1.00	\$26,245.00	
Plumber	\$11,000.00	LS	1.0	1.00	\$11,000.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
					\$65,737.00	\$65,737.00

<b>Contractor/Consultant - Laboratory</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
Soil VOC 8260 dry wt	\$65.00	ea	12.0	1.00	\$780.00	
Soil VOC 8260 dry wt QA/QC	\$65.00	ea		1.00	\$0.00	
GW VOC 8260	\$65.00	ea		1.00	\$0.00	
GW VOC 8260 QA/QC	\$65.00	ea		1.00	\$0.00	
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 - Individual Certification	\$50.00	ea		1.00	\$0.00	
Air - Batch Certification	\$50.00	LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$70.00	ea		1.00	\$0.00	
Level IV QA/QC (15%)						
					\$780.00	\$780.00

<b>Direct Costs - Expenses</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
Hotel	\$120.00	day		1.00	\$0.00	
Meals	\$60.00	LS		1.00	\$0.00	
Waste Profile Fee	\$100.00	LS	1.0	1.00	\$100.00	
Equipment Rental (FROGG??)	\$380.00	day	2.0	1.00	\$760.00	
FROG-5000 Calibration	\$370.00	LS	1.0	1.00	\$370.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$1,230.00	\$1,230.00

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00	4.00	\$520.00
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.560				
Meters	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		
	Flow Calibrator			\$ 30.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
Pumps	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				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifold)	\$ 100.00				
Other	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 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		
	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		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" OD (per foot)	\$1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" OD (per foot)	\$1.20				
	Tubing (Bonded) - Polyethylene (Teflon): 1/16" OD X 1/4" OD (per foot)	\$1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$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)	\$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			\$ 25.00			
1L Tedlar Bag	\$ 20.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$105.00					
Westlaw	\$105.00					
CAD/drafting/graphics	\$90.00					
Safety	Cones, Baracades & Traffic Signs			\$ 10.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Production	Routine Field and Safety Equipment			\$ 50.00	2.00	\$100.00
	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				
	Color Copies	\$ 0.40				
	B/W Copies	\$ 0.25	12			\$3.00
Document - Format/Sending	\$ 15.00					
Report CD Copy	\$ 5.00					
						\$623.00
<b>PHASE TOTAL</b>						<b>\$75,850.00</b>

**Project Title:**  
**Project Number/Name:**  
**Date:**

Klinke Cleaners - Sherman Ave  
 6274  
 3/1/2019



<b>Phase 07c Interim Action Completion Report</b>						
<b>Labor - Field</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>		<b>Subtotal</b>	<b>Task Total</b>
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	
<b>Labor - Office/Reporting</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>		<b>Subtotal</b>	<b>Task Total</b>
Principal	\$210.00	hr			\$0.00	
Director	\$190.00	hr			\$0.00	
Sr Project Manager	\$170.00	hr	2.0		\$340.00	
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			\$0.00	
Staff Professional-Field	\$105.00	hr			\$0.00	
Field Professional	\$95.00	hr	8.0		\$760.00	
Drafting	\$90.00	hr	4.0		\$360.00	
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	
					\$3,085.00	<b>\$3,085.00</b>
<b>Contractors/Consultants</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
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	<b>\$0.00</b>
<b>Contractor/Consultant - Laboratory</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
Soil VOC 8260 dry wt	\$65.00	ea		1.00	\$0.00	
Soil VOC 8260 dry wt QA/QC	\$65.00	ea		1.00	\$0.00	
GW VOC 8260	\$65.00	ea		1.00	\$0.00	
GW VOC 8260 QA/QC	\$65.00	ea		1.00	\$0.00	
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 - Individual Certification	\$50.00	ea		1.00	\$0.00	
Air - Batch Certification	\$50.00	LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$70.00	ea		1.00	\$0.00	
Level IV QA/QC (15%)					\$0.00	
					\$0.00	
<b>Direct Costs - Expenses</b>	<b>Price</b>	<b>Unit</b>	<b># Units</b>	<b>Markup</b>	<b>Subtotal</b>	<b>Task Total</b>
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	
					\$0.00	
					\$0.00	
					\$0.00	<b>\$0.00</b>

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.560				
Meters	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		
	Flow Calibrator			\$ 30.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
Pumps	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				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifold)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
Other	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 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		
	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		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8"	\$ 1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4"	\$ 1.20				
	Tubing (Bonded) - Polyethylene (Teflon) : 1/16" OD X 1/4"	\$ 1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$ 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)	\$ 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			\$ 25.00		
	1L Tedlar Bag	\$ 20.00				
	HAZMAT Exemption Shipper	\$ 40.00				
	Manometers	\$ 105.00				
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Cones, Baracades & Traffic Signs			\$ 10.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Production	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				
	Color Copies	\$ 0.40	12			\$ 4.80
	B/W Copies	\$ 0.25	40			\$ 10.00
Document - Format/Sending	\$ 15.00					
Report CD Copy	\$ 5.00					
						\$ 14.80
<b>PHASE TOTAL</b>						<b>\$ 3,099.80</b>

**Project Title:**  
**Project Number/Name:**  
**Date:**

Klinke Cleaners - Sherman Ave  
 6274  
 3/1/2019



Phase 07d Project Coordination						
Labor - Field	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			\$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	1.5		\$255.00	
Sr Professional	\$170.00	hr			\$0.00	
Project Manager	\$130.00	hr	9.0		\$1,170.00	
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	
					\$1,425.00	\$1,425.00

Contractors/Consultants	Price	Unit	# Units	Markup	Subtotal	Task Total
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	\$0.00

Contractor/Consultant - Laboratory	Price	Unit	# Units	Markup	Subtotal	Task Total
Soil VOC 8260 dry wt	\$65.00	ea		1.00	\$0.00	
Soil VOC 8260 dry wt QA/QC	\$65.00	ea		1.00	\$0.00	
GW VOC 8260	\$65.00	ea		1.00	\$0.00	
GW VOC 8260 QA/QC	\$65.00	ea		1.00	\$0.00	
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 - Individual Certification	\$50.00	ea		1.00	\$0.00	
Air - Batch Certification	\$50.00	LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$70.00	ea		1.00	\$0.00	
Level IV QA/QC (15%)					\$0.00	
					\$0.00	\$0.00

Direct Costs - Expenses	Price	Unit	# Units	Markup	Subtotal	Task Total
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	
					\$0.00	
					\$0.00	
					\$0.00	\$0.00

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.560				
Meters	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		
	Flow Calibrator			\$ 30.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
Pumps	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				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifold)	\$ 100.00				
Other	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 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		
	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		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8"	\$ 1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4"	\$ 1.20				
	Tubing (Bonded) - Polyethylene (Teflon) : 1/16" OD X 1/4"	\$ 1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$ 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)	\$ 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			\$ 25.00		
	1L Tedlar Bag	\$ 20.00				
	HAZMAT Exemption Shipper	\$ 40.00				
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Cones, Baracades & Traffic Signs			\$ 10.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Production	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				
	Color Copies	\$ 0.40				
	B/W Copies	\$ 0.25				
Document - Format/Sending	\$ 15.00					
Report CD Copy	\$ 5.00					
						\$0.00
<b>PHASE TOTAL</b>						<b>\$1,425.00</b>