



May 10, 2016

John Hnat, Hydrogeologist
Wisconsin Department of Natural Resources
Milwaukee Service Center
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212

**RE: Site Investigation Work Scope
Success, Inc. One Hour Martinizing
2262 South 108th Street
West Allis, Wisconsin
FID # 241287530
BRRTS # 02-41-246246**

Dear Mr. Hnat:

Environmental Forensic Investigations, Inc. (EnviroForensics) provides this Work Scope for continued investigative activities at the Success, Inc. property located at 2262 South 108th Street, West Allis, Wisconsin (Site).

This Work Scope addresses additional investigative needs identified and recommended in our report titled: *Supplemental Investigation and Vapor Mitigation Report*, dated December 2, 2015.

BACKGROUND

The Site is located at 2262 South 108th Street in West Allis, Milwaukee County, Wisconsin, at the northeast corner of South 108th Street and West Lincoln Avenue. The Site and surrounding area are depicted on the attached **Figure 1**. The Site is occupied by a one-story slab-on-grade building that houses a dry cleaning operation. An alley and apartment building (10710 West Lincoln Avenue) are located east of the Site. A commercial building is located north of the Site at 2248 South 108th Street.

In September of 2015, EnviroForensics performed the following Site activities requested by the Wisconsin Department of Natural Resources (WDNR):

1. A sub-slab depressurization system (SSDS) was installed at the Site building;
2. An SSDS was also installed at the adjacent commercial property to the north with address 2248 S. 108th Street (Marinello building), and a water sample was collected from the basement sump; and

Document: 6406-0169

Environmental Forensic Investigations, Inc.
N16 W23390 Stone Ridge Drive, Suite G, Waukesha, WI 53188
Phone: 262-290-4001 • Fax 317-972-7875

3. A vapor intrusion (VI) assessment was performed at the four-family apartment building adjacent to the east of the Site with address 10710 W. Lincoln Avenue, and a water sample collected from the basement sump.

The results of this sampling and the specifics of the SSDS installations was previously provided in the report titled: *Supplemental Investigation and Vapor Mitigation Report*, dated December 2, 2015. Based on the results of the vapor intrusion assessment and sump sampling at 10710 W. Lincoln Avenue, there do not appear to be subsurface impacts on this property. However, the sump sample collected from 2248 S. 108th Street contained water contaminated with tetrachloroethene (PCE) and vinyl chloride in concentrations exceeding groundwater enforcement standards.

Although all Site groundwater monitoring wells have been previously abandoned, past consultant reports indicate that the direction of groundwater flow is to the west/northwest. The detection of PCE beneath the Marinello building indicates that groundwater impacts have spread off-Site in the down-gradient direction. The groundwater impacts may intersect utility lines along 108th Street and may also have spread to additional commercial properties to the north. The utility lines could act as preferential pathways for further migration of groundwater and/or vapor impacts.

The following work scope has been prepared to investigate the potential for groundwater and/or vapor impacts to migrate along the sanitary sewer main to the north along 108th Street and possibly cause vapor impacts to properties along this roadway.

WORK SCOPE FOR FURTHER SITE INVESTIGATIONS

The objectives of this work scope are to determine if contaminated groundwater has migrated either naturally with the direction of water table flow (west/northwest) or along the sanitary sewer lines to offsite properties to the north. Groundwater impacts have been known to off-gas chlorinated solvent vapors which can accumulating beneath building foundation slabs. This can provide a risk for vapor intrusion to indoor air.

EnviroForensics proposes to collect vapor and groundwater samples along the sanitary sewer main to determine if these have acted as conduits for the migration of impacts. We also propose to gain access to the commercial property adjacent and north of the Marinello building to determine if this building has a basement and sump. If the building has a basement and sump, then we propose to collect sub-slab vapor samples and a water sample from the sump. If the building is slab-on-grade, then we will collect the sub-slab samples, only.

The following work sub-phases have been assigned to track and explain individual tasks that need to be performed:



Sub-phase 2a: Work Scoping

EnviroForensics has requested and reviewed City of West Allis utility drawings to determine locations for sampling along the sanitary sewer lines, has evaluated past Site data to determine hydrogeologic conditions, and has prepared this work scope with cost estimates. This document will be utilized as a procedures manual to manage the work efforts.

Sub-phase 2b: Access Agreements and Permit

Access for sub-slab sampling will need to be acquired from the property owner at 2234 S. 108th Street (**Figure 1**). In addition, access will need to be acquired for investigative borings in the City of West Allis right-of-way, which may require a permit fee.

Sub-phase 2c: Sanitary Sewer Investigation

Health & Safety Plan

EnviroForensics recognizes and stresses the importance of safe work practices for site workers and the public. Prior to the onset of field activities, EnviroForensics will modify the current Health and Safety Plan (HASP) for this project to include the work elements of this scoping document. The HASP will be used by members of the project team, all of whom have completed and are current with the requisite Hazardous Waste Operations Training (29 CFR 1910.120). The HASP will provide health and safety guidelines for the investigation activities and will address key safety issues and potential hazards associated with the project. The HASP will describe the scope of work, specify the appropriate personal protective equipment (PPE), discuss emergency procedures and contacts, list project team member responsibilities, and outline work zones and decontamination procedures to be used. All site personnel will be required to read and sign the HASP prior to beginning work, to acknowledge that they understand the contents of the HASP and will abide by it. All personnel that enter the work areas will be equipped with the minimum level of PPE specified by the HASP.

It has been assumed that all sampling activities referenced in this scoping document can be performed in Level D PPE.

Subsurface Utility Clearance

In accordance with safe work practices and as required by the State of Wisconsin, EnviroForensics will contact the Wisconsin Diggers Hotline at least 72-hours prior to the anticipated onset of subsurface work at the Site.



Subsurface utilities and structures owned or managed by member companies (e.g. telecommunications, electric and gas utilities) will be located by an independent contractor service. Those common utilities that are not member companies of the Wisconsin Diggers Hotline will be contacted directly by EnviroForensics and requested to provide information regarding the location of onsite, adjacent or nearby underground structures (e.g. municipal water, sanitary sewer, storm sewer). Additionally, an inquiry will be made to the owners and/or operators of the work areas regarding the position of onsite utilities; public or private. EnviroForensics will not be liable for damage to, or resulting from damage to, mislocated or unidentified underground structures.

Soil Borings and Sampling

Two (2) borings (SB-1 and SB-2) will be advanced to the depth of the sanitary sewer main in the locations shown on attached **Figure 1** using a Geoprobe™ drilling rig. The locations selected correspond to the junction between the main and where the laterals branch off to enter and service buildings. The depth of the main is between 8-10 feet below ground surface. The depth to groundwater is expected to be at the same approximate depth.

Soil gas samples will be collected using a direct push post-run tubing (PRT) system. The PRT method uses an adapter and tubing to isolate the soil gas sample from the probe rods. In the first step of the procedure, an expendable point holder and expendable point are attached to the lead probe rod and advanced to the desired sampling depth. Teflon tubing attached to a tubing adapter are then lowered down the tool string and threaded to the expendable point holder. The probe rods will then be retracted (typically 1-foot), providing an open void for soil gas sampling. A sample pump will then be connected to the tubing and three (3) times the calculated volume of air in the tubing will be purged prior to collecting the soil gas sample into a Tedlar bag at each location. The soil gas samples will then be sent for laboratory analysis of the dry cleaning list of CVOC by EPA Method TO-15.

Upon completing soil gas sampling activities, a temporary groundwater sampling point will be installed into the open bore-hole which will be constructed of ¾-inch or 1-inch inside diameter schedule 40 PVC casing equipped with a 5-foot length of slotted screen. A minimum of three casing volumes will be purged using disposable tubing and a peristaltic pump or a bailer. A groundwater sample will then be collected and will be transferred directly into a laboratory-supplied 40 ml vial pre-preserved with a hydrochloric acid solution. One (1) duplicate sample and one (1) trip blank placed in the laboratory shipping container will be analyzed for QA/QC purposes. The groundwater and QA/QC samples will be analyzed for VOCs using Method SW-846 8260.

Following investigation activities, the single-use groundwater sampling point will be immediately removed and the borehole will be filled with granular bentonite and hydrated to prevent contaminant migration. The borings will be finished at grade to match the existing surface (i.e. asphalt, concrete or gravel).

Sub-phase 2d: Vapor Intrusion Assessment

Sub-slab sampling will be performed during two (2) seasonal events at the commercial building located adjacent to the north of the Marinello building as shown on **Figure 1**. The first sampling event will occur in summer, and the second during the heating months. If there is a basement sump, then a water sample will be collected from the sump, if possible.

Sub-Slab Vapor Sample Point Installation and QA/QC Testing

Due to the small size of the building, two (2) locations will be selected for sub-slab vapor sampling. The locations will be determined based on accessibility and the locations of subsurface utility lines beneath the building slabs. Once the locations have been selected, the sub-slab sampling points will be installed. The sampling points will consist of temporary stainless steel Vapor Pin™ probes inserted into holes drilled through the concrete slab. These probes will be left in place until the required sampling events are completed. After their use is no longer needed, the probes will be removed and the holes in the concrete slab will be sealed with cement.

Potential ambient air entering into the samples through leaks in the sampling train or into the sampling points can dilute the sample and lead to the underestimation of the soil vapor concentration in the samples. To ensure that the sub-slab vapor samples are representative of actual conditions, leak testing will be performed. Testing the integrity of the sample points will be conducted using the water dam method.

The integrity of the sampling lines will be tested prior to sampling using a hand pump with a pressure gauge. Negative pressure will be added to the line and observed for 60 seconds for changes. If no change to the pressure is observed the line will be considered intact.

Sub-Slab Vapor Sample Collection

Sub-slab vapor samples will be collected using 1-Liter sample vacuum canisters, which will be connected to the sub-slab vapor point using compression fittings and Teflon-lined polyethylene tubing. The vacuum canisters will be batch-certified by the laboratory for QA/QC purposes. The tubing will be purged of all ambient air using a pump prior to initiating sub-slab sampling. Initial and final pressure readings will be collected from the vacuum canisters and recorded on the Sub-Slab Vapor Field Sampling Form, along with all other required information. Each vacuum canister will be fitted with a regulator to restrict the flow rate to less than 200 milliliters per minute.



Sample Designation and Analysis

The sub-slab vapor samples will be identified by project number, property address, and sample number. Following the completion of sampling activities during each sampling event, the vacuum canisters will be submitted to a laboratory for analysis of the dry cleaning list of chlorinated volatile organic compounds (CVOCs) according to US EPA Method TO-15. All samples will be transmitted under appropriate chain-of-custody procedures.

Sub-phase 2c: Existing SSDS Commissioning and Operation & Maintenance Plans

In September, 2015, SSD systems were installed in the Site building and Marinello building to mitigate vapor intrusion risk. Guidance has recently been developed for commissioning and long-term O&M of SSD systems. The purpose of commissioning is to verify that the SSDS is operating effectively to prevent indoor air exposure to sub-slab vapors. Commissioning includes monitoring of: system vacuum; air flow rate; the extension of the negative pressure field beneath the slab; and monitoring of indoor air quality at the lowest building level. For residential properties, the guidance recommends monitoring system parameters and sampling of indoor air during three (3) consecutive seasons, with one (1) event performed during the colder months when heating of the building is occurring. For commercial properties, this frequency can be established on a case by case basis.

After the initial commissioning period, the guidance recommends annual measurements of system performance, but does not require further indoor air sampling.

We have sampled indoor air and taken system measurements on April 4-5, 2016 during conditions when the buildings were heated. We propose to perform one (1) more sampling event in the upcoming summer months to satisfy commissioning requirements. We will also prepare O&M Plans for both properties. This will satisfy the O&M requirements of the systems for 2016.

Sub-phase 2f: Data Analysis & Reporting

Following the above additional investigations, EnviroForensics will produce a summary report of findings and provide any additional recommendations as needed to further characterize Site impacts. In addition, EnviroForensics will prepare letters to inform off-site property owners of the results of sampling performed on their properties with copies to the WDNR. This includes the City of West Allis.

Sub-phase 2g: Project Management

Project management tasks must be completed to support execution of the work scope activities, track and maintain the project budget, and ensure overall project progress. Project management tasks may include, but are not limited to: budget tracking; communication of project progress and budget status updates;



communication with and responding to WDNR representatives, client and third parties; and unanticipated contingency items that may require attention.

SCHEDULE AND COSTS

EnviroForensics anticipates that field work can begin within two (2) weeks of your approval of this work scope and will require 60 days to complete. The total cost of this work is estimated at \$24,970.00. Detailed cost breakdown sheets are attached and have also been provided on the attached Form 4400-214D.

PROJECT TEAM

Mr. Brian Kappen, P.G. will serve as the project Hydrogeologist as defined in Wisconsin Administrative Code Chapter NR 712.03(1). Mr. Kappen will also provide oversight of all project activities as required by NR 712.05. Mr. Wayne Fassbender, P.G., P.M.P. will serve as project manager. As required by NR 712, the staff will meet the appropriate professional requirements necessary for each Phase of the project.

If you have any questions regarding this scoping document, please do not hesitate to call me at (414) 982-3988.

Sincerely,

Environmental Forensic Investigations, Inc.

A handwritten signature in blue ink that reads "Wayne P. Fassbender".

Wayne Fassbender, PG, PMP
Senior Project Manager

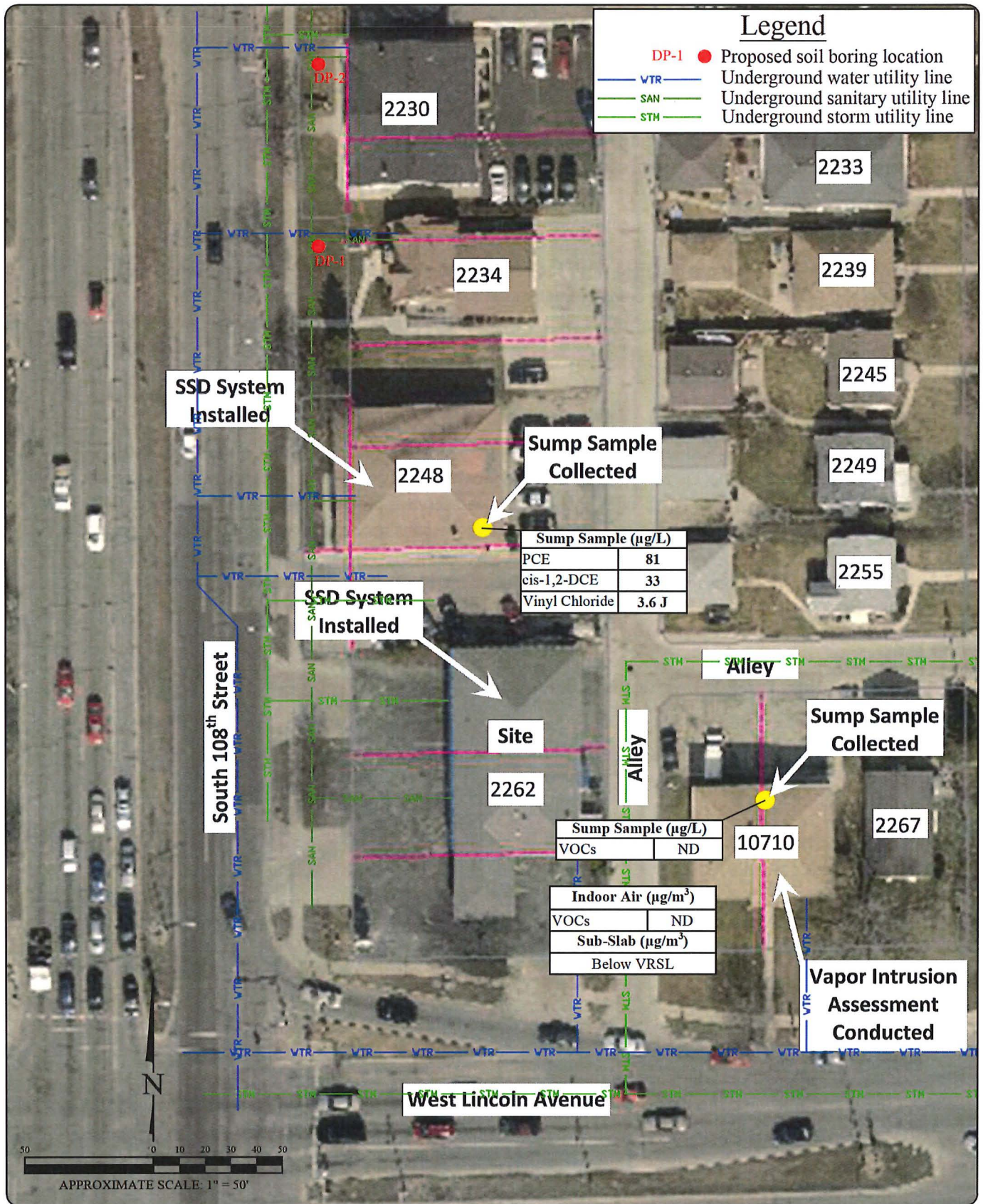
Attachments:

Figure 1
Detailed Cost Breakdown Sheets
Reimbursement Cost Detail Linking Spreadsheet (Form 4400-214D)

cc: Brian Cass, One Hour Martinizing
Ted Warpinski, Friebert, Finerty & St. John S.C.

Legend

- DP-1 ● Proposed soil boring location
- VTR — Underground water utility line
- SAN — Underground sanitary utility line
- STM — Underground storm utility line



Sump Sample (µg/L)

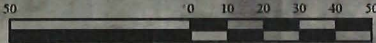
PCE	81
cis-1,2-DCE	33
Vinyl Chloride	3.6 J

Sump Sample (µg/L)

VOCs	ND
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Indoor Air (µg/m³)

VOCs	ND
Sub-Slab (µg/m³)	Below VRSL



APPROXIMATE SCALE: 1" = 50'

No.	Date	Revision	Approved	<p>ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC. 602 N. Capitol Ave, Suite 210 • Indianapolis, IN 46204 EnviroForensics.com</p>	Date: 4/18/16	<p>PROPOSED SAMPLE LOCATIONS</p> <p>OHM - Lincoln</p> <p>2262 South 108th Street</p> <p>West Allis, Wisconsin</p>	Figure
					Designed: EB		1
					Drawn: EB		Project
					Checked: BK		6406
					DWG file: 6406-0152		



TABLE 1
FURTHER SITE INVESTIGATION COST ESTIMATE

Success, Inc. One Hour Martinizing
 2262 South 108th Street, West Allis, Wisconsin

TASK	LABOR COSTS	SUB-CONTRACTOR COSTS	DIRECT COSTS	PHASE COST
Phase 2a				
Work Plan Development	\$3,855	\$0	\$6	\$3,861
Phase 2b				
Permit/Access Coordination	\$3,090	\$0	\$183	\$3,273
Phase 2c				
Utility Corridor Investigation	\$2,480	\$2,650	\$266	\$5,396
Phase 2d				
Vapor Intrusion Assessment - 2234 S. 108th St	\$2,960	\$1,127	\$371	\$4,458
Phase 2e				
SSDS Commissioning and OM&M Plans	\$3,890	\$575	\$327	\$4,792
Phase 2f				
Project Management	\$3,180	\$0	\$10	\$3,190
TOTAL	\$19,455	\$4,352	\$1,163	\$24,970

Direct Costs - Chargeable Equipment Expense		Rate (hr/mile)	# Hrs/Units	Rate (day/mo)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00		
	Support Vehicle - Full Day	\$ 30.00		\$ 180.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.56				
Meters	Air Velocity Meter (per use)			\$ 80.00		
	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 S80 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
	Ozone Leak Detector			\$ 135.00		
	Inline Ozone Meter			\$ 230.00		
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/Manifolds/Tubing)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
Other	Intrinsically Safe Vapor Evacuation Blower			\$ 125.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Asbestos Sampling Kit			\$ 250.00		
	Asbestos Investigation Supplies			\$ 130.00		
	Asbestos Sampling Core	\$ 2.50				
	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		
	NAPL Sample Kit			\$ 40.00		
	SVE Inlet Air Filter			\$ 80.00		
	SVE Dilution Air Filter			\$ 28.00		
	SVE Blower Oil (quart)			\$ 32.00		
	SVE Blower Grease (tube)			\$ 20.00		
	Ozone Air Filter Holder			\$ 18.00		
	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" (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				
	PFA Tubing - 1/2-inch ID	\$ 5.00				
	55-Gallon Drum	\$ 55.00				
	55 gal poly tank			\$ 40.00		
325 gal poly tank			\$ 30.00			
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					
Radon Sample Kit	\$ 30.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Cones, Barricades & 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			\$ 130.00		
	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	15		\$ 6.00	
	B/W Copies	\$ 0.25				
Document - Format/Sending	\$ 15.00					
Report CD Copy	\$ 5.00					
PHASE TOTAL						\$6.00
PHASE TOTAL						\$3,861.00

Direct Costs - Chargeable Equipment Expense		Rate (hr/unit)	# Hrs/Units	Rate (day/100)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00	4	\$ 130.00		\$ 80.00
	Support Vehicle - Full Day	\$ 30.00		\$ 180.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.56				
Meters	Air Velocity Meter (per use)			\$ 80.00		
	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 S80 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
	Ozone Leak Detector			\$ 135.00		
	Inline Ozone Meter			\$ 230.00		
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/Manifolds/Tubing)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Intrinsically Safe Vapor Evacuation Blower			\$ 125.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
Other	Asbestos Sampling Kit			\$ 250.00		
	Asbestos Investigation Supplies			\$ 130.00		
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	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		
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	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		
	Radilocks	\$ 15.00				
	Steam Cleaner			\$ 130.00		
	Transducer (ea)			\$ 40.00		
	Coring Machine			\$ 200.00		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	NAPL Sample Kit			\$ 40.00		
	SVE Inlet Air Filter			\$ 80.00		
	SVE Dilution Air Filter			\$ 28.00		
	SVE Blower Oil (quart)			\$ 32.00		
	SVE Blower Grease (tube)			\$ 20.00		
	Ozone Air Filter Holder			\$ 18.00		
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	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" (per foot)	\$ 1.25				
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	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				
	PFA Tubing - 1/2-inch ID	\$ 5.00				
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	Measuring Wheel			\$ 15.00		
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Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Cones, Barricades & 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		
Production	Standby SCBA			\$ 130.00		
	Routine Field and Safety Equipment			\$ 130.00		
	1 Inch Binder	\$ 9.00				
	2 Inch Binder	\$ 12.00				
	3 Inch Binder	\$ 15.00				
	4 Inch Binder	\$ 22.00				
	Binder Tabs (Set of 5)	\$ 5.00				
	Color Copies	\$ 0.40				
	B/W Copies	\$ 0.25	12			\$ 3.00
	Document - Format/Sending	\$ 15.00				
Report CD Copy	\$ 5.00					
\$83.00						\$83.00
PHASE TOTAL						\$3,273.00

	Direct Costs - Chargeable Equipment Expense	Rate (hr/mi)	# Hrs/Unit	Rate (day/wk)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00	1	\$ 130.00
	Support Vehicle - Full Day	\$ 30.00		\$ 180.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.56				
Meters	Air Velocity Meter (per use)			\$ 80.00		
	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 S80 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
	Ozone Leak Detector			\$ 135.00		
	Inline Ozone Meter			\$ 230.00		
Pumps	GRP 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/Manifolds/Tubing)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Intrinsically Safe Vapor Evacuation Blower			\$ 125.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
Other	Asbestos Sampling Kit			\$ 250.00		
	Asbestos Investigation Supplies			\$ 130.00		
	Asbestos Sampling Core	\$ 2.50				
	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		
	NAPL Sample Kit			\$ 40.00		
	SVE Inlet Air Filter			\$ 80.00		
	SVE Dilution Air Filter			\$ 28.00		
	SVE Blower Oil (quart)			\$ 32.00		
	SVE Blower Grease (tube)			\$ 20.00		
	Ozone Air Filter Holder			\$ 18.00		
	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" (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				
	PFA Tubing - 1/2-inch ID	\$ 5.00				
	55-Gallon Drum	\$ 55.00				
	550 gal poly tank			\$ 40.00		
	325 gal poly tank			\$ 30.00		
	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					
Radon Sample Kit	\$ 30.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Cones, Barricades & 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			\$ 130.00	1	\$ 130.00
	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	15			\$ 6.00
	B/W Copies	\$ 0.25				
	Document - Format/Sending	\$ 15.00				
	Report CD Copy	\$ 5.00				
						\$266.00
PHASE TOTAL						\$5,396.00

	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	1	\$ 130.00
	Support Vehicle - Full Day	\$ 30.00		\$ 180.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.56				
Meters	Air Velocity Meter (per use)			\$ 80.00		
	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 S80 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
	Ozone Leak Detector			\$ 135.00		
	Inline Ozone Meter			\$ 230.00		
ORP Meter			\$ 30.00			
Pumps	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/Manifolds/Tubing)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Intrinsically Safe Vapor Evacuation Blower			\$ 125.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Asbestos Sampling Kit			\$ 250.00		
Asbestos Investigation Supplies			\$ 130.00			
Asbestos Sampling Core	\$ 2.50					
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	1	\$ 170.00	
Hand Drill			\$ 75.00			
NAPL Sample Kit			\$ 40.00			
SVE Inlet Air Filter			\$ 80.00			
SVE Dilution Air Filter			\$ 28.00			
SVE Blower Oil (quart)			\$ 32.00			
SVE Blower Grease (tube)			\$ 20.00			
Ozone Air Filter Holder			\$ 18.00			
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" (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	4			\$ 18.00	
PFA Tubing - 1/2-inch ID	\$ 5.00					
55-Gallon Drum	\$ 55.00					
550 gal poly tank			\$ 40.00			
325 gal poly tank			\$ 30.00			
Temporary Sampling Port	\$ 25.00	2			\$ 50.00	
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					
Radon Sample Kit	\$ 30.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Cones, Barricades & 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			
Routine Field and Safety Equipment			\$ 130.00			
Production	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					
						\$371.00
PHASE TOTAL						\$4,458.00

	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	1	\$ 130.00
	Support Vehicle - Full Day	\$ 30.00		\$ 180.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.56				
Meters	Air Velocity Meter (per use)			\$ 80.00	1	\$ 80.00
	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		
	Ozone Leak Detector			\$ 135.00		
	Inline Ozone Meter			\$ 230.00		
Pumps	GRP 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/Manifolds/Tubing)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Intrinsically Safe Vapor Evacuation Blower			\$ 125.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
Other	Asbestos Sampling Kit			\$ 250.00		
	Asbestos Investigation Supplies			\$ 130.00		
	Asbestos Sampling Core	\$ 2.50				
	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		
	NAPL Sample Kit			\$ 40.00		
	SVE Inlet Air Filter			\$ 80.00		
	SVE Dilution Air Filter			\$ 28.00		
	SVE Blower Oil (quart)			\$ 32.00		
	SVE Blower Grease (tube)			\$ 20.00		
	Ozone Air Filter Holder			\$ 18.00		
	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" (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	2			\$ 9.00
	PFA Tubing - 1/2-inch ID	\$ 5.00				
	55-Gallon Drum	\$ 55.00				
	550 gal poly tank			\$ 40.00		
	325 gal poly tank			\$ 30.00		
	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					
Radon Sample Kit	\$ 30.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$ 105.00	1			\$ 105.00	
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Cones, Barricades & 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			
Routine Field and Safety Equipment			\$ 130.00			
Production	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					
						\$327.00
PHASE TOTAL						\$4,792.00

Direct Costs - Chargeable Equipment Expense		Rate (hr/mo)	# Hrs/Units	Rate (day/mo)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00		
	Support Vehicle - Full Day	\$ 30.00		\$ 180.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.56				
Meters	Air Velocity Meter (per use)			\$ 80.00		
	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		
	Ozone Leak Detector			\$ 135.00		
	Inline Ozone Meter			\$ 230.00		
ORP Meter			\$ 30.00			
Pumps	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/Manifolds/Tubing)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Intrinsically Safe Vapor Evacuation Blower			\$ 125.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
Other	Asbestos Sampling Kit			\$ 250.00		
	Asbestos Investigation Supplies			\$ 130.00		
	Asbestos Sampling Core	\$ 2.50				
	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		
	NAPL Sample Kit			\$ 40.00		
	SVE Inlet Air Filter			\$ 80.00		
	SVE Dilution Air Filter			\$ 28.00		
	SVE Blower Oil (quart)			\$ 32.00		
	SVE Blower Grease (tube)			\$ 20.00		
	Ozone Air Filter Holder			\$ 18.00		
	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" (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				
	PFA Tubing - 1/2-inch ID	\$ 5.00				
	55-Gallon Drum	\$ 55.00				
	55 gal poly tank			\$ 40.00		
	325 gal poly tank			\$ 30.00		
	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		
HL Tedlar Bag	\$ 20.00					
Radon Sample Kit	\$ 30.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Cones, Barricades & 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		
Routine Field and Safety Equipment			\$ 130.00			
Production	1 Inch Binder	\$ 9.00				
	2 Inch Binder	\$ 12.00				
	3 Inch Binder	\$ 15.00				
	4 Inch Binder	\$ 22.00				
	Binder Tabs (Set of 5)	\$ 5.00				
	Color Copies	\$ 0.40				
	B/W Copies	\$ 0.25	40			\$ 10.00
	Document - Format/Sending	\$ 15.00				
Report CD Copy	\$ 5.00					
PHASE TOTAL						\$10.00
PHASE TOTAL						\$3,190.00

Project Total

\$24,970.00

Site Name: One Hour Martinizing

BRRTS #: 02-41-246246

Type of Action: Investigation

TASKS	BUDGET			Previous Claims (If applicable)	INVOICES										Total Invoiced Costs	
	Bid / Budgeted Amount	EnviroForensics Change Order #1 May 2016	Total Approved Budget		EnviroForensics Invoice #15592 May 2015	EnviroForensics Invoice #15840 July 2015	EnviroForensics Invoice #15935 August 2015	EnviroForensics Invoice #16087 September 2015	EnviroForensics Invoice #16128 October 2015	EnviroForensics Invoice #16244 November 2015	EnviroForensics Invoice #16369 December 2015	EnviroForensics Invoice #16503 January 2016	EnviroForensics Invoice #16617 February 2016	EnviroForensics Invoice #16684 March 2016		
Consultant Costs																
Work Scope Development (1a)	\$ 1,489.00		\$ 1,489.00		\$ 967.50	\$ 459.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,426.50	
Access Coordination (1b)	\$ 2,483.00		\$ 2,483.00		\$ -	\$ 85.00	\$ 2,359.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,444.00	
SSDS Install - 2262 S. 108th St (1c)	\$ 2,515.00		\$ 2,515.00		\$ -	\$ -	\$ 12.00	\$ 2,315.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,327.17	
SSDS Install - 2248 S. 108th St (1d)	\$ 2,515.00		\$ 2,515.00		\$ -	\$ -	\$ 12.00	\$ 2,519.36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,531.36	
Post SSDS Confirmation Sampling (1e)	\$ 2,162.00		\$ 2,162.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36.00	\$ 288.00	\$ 225.00	\$ -	\$ 432.00	\$ 981.00	
Sampling 10710 W. Lincoln Ave (1f)	\$ 2,303.00		\$ 2,303.00		\$ -	\$ -	\$ 12.00	\$ 1,114.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,126.25	
Investigation-Derived Media Mgmt (1g)	\$ 1,650.00		\$ 1,650.00		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reporting (1h)	\$ 5,592.00		\$ 5,592.00		\$ -	\$ -	\$ -	\$ 1,271.00	\$ 2,151.00	\$ 1,178.50	\$ 208.50	\$ -	\$ -	\$ -	\$ 4,809.00	
Project Management (1i)	\$ 2,700.00		\$ 2,700.00		\$ -	\$ 405.00	\$ 236.00	\$ 990.00	\$ 225.00	\$ 150.00	\$ 210.00	\$ 832.00	\$ -	\$ -	\$ 3,048.00	
Work Plan Development (2a)		\$ 3,861.00	\$ 3,861.00											\$ 273.00	\$ 273.00	
Permit/Access Coordination (2b)		\$ 3,273.00	\$ 3,273.00											\$ -	\$ -	
Utility Corridor Investigation (2c)		\$ 2,746.00	\$ 2,746.00											\$ -	\$ -	
Vapor Intrusion Assessment - 2234 S. 108th St (2d)		\$ 3,331.00	\$ 3,331.00											\$ -	\$ -	
SSDS Commissioning and OM&M Plans (2e)		\$ 4,217.00	\$ 4,217.00											\$ -	\$ -	
Project Management (2f)		\$ 3,190.00	\$ 3,190.00											\$ -	\$ -	
Consultant Cost Total	\$ 23,419.00	\$ 20,618.00	\$ 44,037.00	\$ -	\$ 967.50	\$ 949.00	\$ 2,631.00	\$ 8,209.78	\$ 2,376.00	\$ 1,364.50	\$ 706.50	\$ 1,057.00	\$ -	\$ 705.00	\$ 18,966.28	
Sub-Contractor Costs																
Vapor Mitigation	\$ 20,000.00		\$ 20,000.00					\$ 23,990.00							\$ 23,990.00	
Air/Vapor Sample Analysis	\$ 2,879.00	\$ 2,232.00	\$ 5,111.00					\$ 1,592.00							\$ 1,592.00	
Waste Disposal	\$ 175.00	\$ 200.00	\$ 375.00												\$ -	
Groundwater Sample Analysis		\$ 160.00	\$ 160.00												\$ -	
Soil Borings		\$ 1,360.00	\$ 1,360.00												\$ -	
Utility Locate		\$ 400.00	\$ 400.00												\$ -	
Sub-Contractor Cost Total	\$ 23,054.00	\$ 4,352.00	\$ 27,406.00	\$ -	\$ -	\$ -	\$ -	\$ 25,582.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,582.00	
DERF ELIGIBLE SUB-TOTALS	\$ 46,473.00	\$ 24,970.00	\$ 71,443.00	\$ -	\$ 967.50	\$ 949.00	\$ 2,631.00	\$ 33,791.78	\$ 2,376.00	\$ 1,364.50	\$ 706.50	\$ 1,057.00	\$ -	\$ 705.00	\$ 44,548.28	
Non-DERF Eligible Expenses																
Attorney-Directed Tasks					\$ -	\$ 663.00	\$ 256.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,354.00	\$ 180.00	\$ 3,453.32	
Non-DERF Cost Total					\$ -	\$ 663.00	\$ 256.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,354.00	\$ 180.00	\$ 3,453.32	
INVOICE GRAND TOTAL					\$ -	\$ 967.50	\$ 1,612.00	\$ 2,887.32	\$ 33,791.78	\$ 2,376.00	\$ 1,364.50	\$ 706.50	\$ 1,057.00	\$ 2,354.00	\$ 885.00	\$ 48,001.60

Check Numbers

Site Name: One Hour Martinizing
 BRRTS #: 02-41-246246
 Type of Action: Investigation

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 May 2016	Total Approved Budget	Previous Claims (If applicable)	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															
Work Scope Development (1a)	\$ 1,499.00		\$ 1,499.00						1,426.50					\$ 72.50	100
Access Coordination (1b)	\$ 2,483.00		\$ 2,483.00					2,444.00						\$ 39.00	100
SSDS Install - 2262 S. 108th St (1c)	\$ 2,515.00		\$ 2,515.00							2,327.17				\$ 187.83	100
SSDS Install - 2248 S. 108th St (1d)	\$ 2,515.00		\$ 2,515.00							2,531.36				\$ (16.36)	100
Post SSDS Confirmation Sampling (1e)	\$ 2,162.00		\$ 2,162.00							981.00				\$ 1,181.00	60
Sampling 10710 W. Lincoln Ave (1f)	\$ 2,303.00		\$ 2,303.00					1,126.25						\$ 1,176.75	100
Investigation-Derived Media Mgmt (1g)	\$ 1,650.00		\$ 1,650.00											\$ 1,650.00	100
Reporting (1h)	\$ 5,592.00		\$ 5,592.00					4,809.00						\$ 783.00	100
Project Management (1i)	\$ 2,700.00		\$ 2,700.00					3,048.00						\$ (348.00)	100
Work Plan Development (2a)		\$ 3,661.00	\$ 3,661.00						\$ 273.00					\$ 3,588.00	
Permit/Access Coordination (2b)		\$ 3,273.00	\$ 3,273.00											\$ 3,273.00	
Utility Corridor Investigation (2c)		\$ 2,746.00	\$ 2,746.00											\$ 2,746.00	
Vapor Intrusion Assessment - 2234 S. 108th St (2d)		\$ 3,331.00	\$ 3,331.00											\$ 3,331.00	
SSDS Commissioning and OM&M Plans (2e)		\$ 4,217.00	\$ 4,217.00											\$ 4,217.00	
Project Management (2f)		\$ 3,190.00	\$ 3,190.00											\$ 3,190.00	
Consultant Cost Total	\$ 23,419.00	\$ 20,618.00	\$ 44,037.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,126.75	\$ 5,839.53	\$ -	\$ -	\$ -	\$ 25,070.72	
Sub-Contractor Costs															
Vapor Mitigation	\$ 20,000.00		\$ 20,000.00							\$ 23,990.00				\$ (3,990.00)	
Air/Vapor Sample Analysis	\$ 2,879.00	\$ 2,232.00	\$ 5,111.00						\$ 1,592.00					\$ 3,519.00	
Waste Disposal	\$ 175.00	\$ 200.00	\$ 375.00											\$ 375.00	
Groundwater Sample Analysis		\$ 160.00	\$ 160.00											\$ 160.00	
Soil Borings		\$ 1,360.00	\$ 1,360.00											\$ 1,360.00	
Utility Locate		\$ 400.00	\$ 400.00											\$ 400.00	
Sub-Contractor Cost Total	\$ 23,054.00	\$ 4,352.00	\$ 27,406.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,592.00	\$ 23,990.00	\$ -	\$ -	\$ -	\$ 1,824.00	
DERF ELIGIBLE SUB-TOTALS	\$ 46,473.00	\$ 24,970.00	\$ 71,443.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,718.75	\$ 29,829.53	\$ -	\$ -	\$ -	\$ 26,894.72	

Non-DERF Eligible Expenses	
Attorney-Directed Tasks	
Non-DERF Cost Total	\$ -
INVOICE GRAND TOTAL	\$ -

Total DERF Eligible Costs This Claim \$ 44,548.28

Check Numbers