Joslin, Richard R - DNR

From:	Wayne Fassbender <wfassbender@enviroforensics.com></wfassbender@enviroforensics.com>
Sent:	Friday, November 10, 2017 1:41 PM
То:	Joslin, Richard R - DNR
Cc:	Brian Kappen
Subject:	Work Scoping Document
Attachments:	Dutch Cleaners Letter Report and Work Scope.pdf
Categories:	WORK - Important

Hi Rick:

Attached is a change order request and work scoping document for additional vapor intrusion sampling, SSDS diagnostics, and water sampling at the Dutch Cleaners Site. I will send you a hard copy in the mail. Please let me know of your approval, so we can get started on clearing access. Thanks, Rick.

Wayne P. Fassbender, PG

Senior Project Manager

EnviroForensics N16 W23390 Stone Ridge Drive, Suite G Waukesha, WI 53188 P. 414-982-3988 C. 262-490-6472 F. 262-510-0460

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November 10, 2017

Richard Joslin Wisconsin Department of Natural Resources 2984 Shawano Avenue Green Bay, WI 54313-6727

Subject: Letter Report and Work Scope for Further Site Investigation Activities Former Dutch Cleaners 403 S. Main Street, Cedar Grove, Wisconsin BRRTS# 02-60-271527

Dear Mr. Joslin:

On behalf of the responsible party (RP), Jere Ebbers, EnviroForensics, LLC (EnviroForensics) provides the following brief report summarizing the results of recent investigative activities at the former Dutch Cleaners property (Site). We have also provided recommendations for installation of a sub-slab depressurization system (SSDS) at the Site building and further investigations focused on determining potential vapor intrusion risks to adjacent buildings. We have enclosed a work scope and cost estimate for this additional work. This will require a change order to previously approved costs. An updated Form 4400-214D (Cost Detail Linking Spreadsheet) is attached for your review.

RECENT INVESTIGATIVE RESULTS

During September 13-14, 2017, EnviroForensics performed the following activities according to the procedures presented in our work scope titled *Revised Work Scoipe and Change Order Request for Additional Site Investigation Activities* and dated August 16, 2017 (Work Scope):

- Conducted one (1) paired sub-slab/indoor air sampling event. Two (2) indoor air samples were collected; one (1) in the basement, and one (1) on the first floor. In addition, one sample of outside air was collected to determine background concentrations. Upon retrieving the air samples, sub-slab vapor samples were collected within the basement of the building at two (2) locations; and
- One (1) sample of the upper silty clay soil near the location of MW-102 was collected using a hand auger, and submitted to GeoTest of West Allis, Wisconsin for grain size analysis, atterberg limits, and USCS classification.



A copy of the results report was submitted to the Wisconsin Department of Natural Resources (WDNR), dated October 13, 2017 (attached for reference). As can be seen in this report, tetrachloroethene (PCE) was detected in both sub-slab samples at concentrations exceeding the vapor risk screening level (VRSL) for that compound. Although PCE was detected in the indoor air samples, the concentrations were well below current vapor action levels (VALs).

As can be seen in the attached GeoTest laboratory sheets, the upper soil zone (0-14 feet in depth and described as primarily silty clay in the report by Fehr Graham titled *Site Investigation Report* and dated March, 2015) is comprised of fine grained soil having roughly equal amounts of silt and clay representing approximately 75% of the soil composition. Significant concentrations of PCE exist within this unsaturated zone lying above the water table. We conclude from this analysis that a soil vapor extraction system would not be a cost effective remedial approach for treatment of unsaturated soil due to the anticipated low air flow rates achievable withing the silty clay soil.

RECOMMENDATIONS

The WDNR requires that risks of vapor intrusion to building structures be mitigated. Therefore, we recommend that an SSDS be installed in the Site building to mitigate the identified vapor intrusion risks. There is no need for additional vapor intrusion sampling in the heating months (as presented in the Work Scope), since the vapor intrusion risk has already been identified.

According to the guidelines in WDNR publication RR-800, buildings within 100 feet of the contaminant source area should be assessed for the risk of vapor intrusion. We recommend that the following buildings located within 100 feet of the Site impacts be assessed:

- 349 S. Main Street, commercial building to the north of the Site across Wisconsin Street;
- 406 S. Main Street, commercial building to the east of the Site;
- 416, 418, and 420 S. Main Street, residential three-family apartment building southeast of the Site; and
- 11 Wisconsin Avenue, residential home adjacent to the west of the Site.

Based on the results of grain size analysis, we do not believe that soil vapor extraction will be a cost effective solution for treatment of unsaturated soil. We recommend that other options be explored for source area soil treatment, along with groundwater treatement aimed at reducing concentrations of Site contaminants to the extent practical. In order to evaluate appropriate groundwater remedial options, we will need to collect two (2) groundwater samples.



WORK SCOPE FOR ADDITIONAL SITE ACTIONS AND INVESTIGATIONS

SSDS Installation at the Site Building

Advance diagnostics should be performed prior to the design of an SSDS at the Site building. The diagnostics include impressing vacuum at one or more locations within the building and measuring negative pressures at several locations. This is proposed since the Site building has had a few additions over the years. The basement is only partial and there is a signifant area of slab on grade section to the west, and a smaller slab on grade section to the south (see attached Fehr Graham figure). Also, the area labeled as boiler room on the figure is about two feet deeper than the larger basement area. This creates a complex sub-slab condition for venting and may require multiple vapor extraction points to adequately protect the building from vapor intrusion.

A proposal and cost estimate for the diagnostics from Vapor Protection Services (VPS) is attached. This proposal details the scope of the diagnostics. Upon completing the diagnostics, the SSDS can be designed and a cost estimate for the installation of the SSDS, along with the costs to commission the system will be provided.

Groundwater Sampling

One (1) groundwater sample will be collected from each of two (2) wells located within the area of greatest groundwater impacts. These samples should be collected from MW-106, MW-107, or temporary well TW-10. During our last Site visit, we were able to locate temporary well TW-10, but are unsure whether wells MW-106 and MW-107 remain intact, or have been previously abandoned. If abandoned, then only one (1) sample will be collected from existing temporary well TW-10.

The samples will be analyzed for in-field parameters to include temperature, pH, electrical conductivity, oxidation-reduction potential, dissolved oxygen, and turbidity using a multimeter probe during low flow sampling. In addition, samples will be analyzed for total volatile organic compounds via EPA Method 8260. The water samples will also be analyzed for total populations of the microbe primarily responsible for degradation of chlorinated solvents (dehalococcoides), and the genetic makeup of the microbes will also be determined. The genetic makeup of the microbes can dictate whether they are capable of completing the dehalogenation process through vinyl chloride to harmless ethene, which will help us determine if additional amendments are needed to supplement this potential remedial option.



Additional Vapor Intrusion Sampling

It appears that all of the off-site properties proposed for vapor intrusion assessment have a building footprint less than 5,000 square feet. Therefore, two sub-slab samples will be collected from each building. Indoor air samples will also be collected and paired with the sub-slab sampling. Each building has different characteristics; therefore, the amount and time duration of sample collection is also variable. Indoor air samples will be collected first, so that there is no possibility that vapors from penetrations through the slab during sub-slab sampling will have an effect on the indoor air sample results.

The attached cost estimate includes sampling in the both the heating months and non-heating months. If vapor risks are detected in the first sampling event (heating months), then a second sampling event will not be needed.

Indoor air samples will be collected as follows:

- Commercial building located at 349 S. Main Street: one (1) indoor air sample centrally located on the first floor and collected over eight hours;
- Commercial building located at 406 S. Main Street: one (1) indoor air sample centrally located on the first floor and collected over eight hours;
- Residential building located at 11 Wisconsin Avenue: two (2) indoor air samples with one located in the basement and one located on the first floor. Both samples collected over a 24 hour period; and
- Residential apartment building located at 416, 418, and 420 S. Main Street: one (1) indoor air sample located in the basement and one (1) indoor air sample in each of the three (3) residential units. All samples to be collected over a 24 hour period.

In addition, two (2) samples of outdoor air will be collected during each sampling event and located strategically to be near the properties to be sampled and in a up-gradient direction to the prevailing wind at the time of sampling. Since a combination of residential and commercial buildings will be sampled, the outdoor (background) air samples will be collected over a 24-hour period.

General Indoor Air Sample Collection Procedures and QA/QC

Prior to sampling, an inspection of the occupied spaces will be conducted to identify and inventory materials that could potentially contribute to indoor air conditions, unrelated to VI



issues. Many common items such as commercially available cleaners and degreasers, small quantities of small engine fuel, furniture polish, cigarette smoke, etc. can affect the quality of indoor air in buildings. Suspect items identified during the inspection will be listed on a pre-sampling inspection form for later reference. A visual inspection will be conducted for cracks or other penetrations of the concrete floor (i.e. floor drains, sumps, etc.) that could be direct conduits for impacted vapors to migrate into the occupied space. The results of all pre-sampling inspection activities will be recorded on the Indoor Air Building Survey Form.

Data will be assessed from the nearest fixed weather station throughout the sampling period to include: temperature, wind speed, wind direction, humidity, barometric pressure, and rainfall. Weather data and its possible affects on the sampling results will be assessed and discussed in the report. Initial and final pressure readings will be collected from the vacuum canisters and recorded on Indoor Air Field Sampling Forms, along with all other required information. The vacuum canisters will be individually-certified by Envision Laboratory of Inianapolis, Indiana (Envision) for QA/QC purposes.

The air cannisters collected during each of the two (2) sampling events will be sent to Envision under appropriate chain of custody documents to be analyzed for the dry cleaner list of chlorinated volatile organic compounds (CVOC's) according to US EPA Method TO-15. Envision is accredited through the National Environmetal Accreditation Program (NELAP) for vapor sample analysis.

Sub-Slab Vapor Port Installation

A 5/8-inch hole will be drilled through the concrete slab at each sub-slab sample location using an electric hammer drill. The hole will be oversized to 1.25 inches to a depth of approximately one-half inch. The 1.25-inch hole is the correct size for accepting a small flush-mount cover that will complete the permanent installation. A vacuum cleaner will be utilized during drilling to remove concrete dust produced by the process. Vapor Pin® sampling ports, constructed with a silicon sleeve to provide a mechanical seal between the sample port and the slab, will be installed using a dead blow hammer.

Sub-Slab Field Quality Control Methods

Sub-slab vapor ports will be purged prior to connecting the sampling canister to ensure that the entire sample is representative of sub-slab vapor conditions. To ensure that the collected sub-slab vapor samples are representative of subsurface vapor conditions, leak testing will be performed at each sample port during purging. Leak testing will be performed using the water dam method.



Immediately prior to sample collection, the integrity of the sample tubing and fittings will be tested by conducting a negative pressure test. The sample canister will be connected to the sampling port with its valve closed. A negative pressure of approximately 10-15 inches of mercury will be induced on the sampling train with a hand pump and held for approximately 60-seconds while the gauge is monitored visually. Drops in pressure during this procedure will indicate leakage within the sampling trains that will require correcting and then re-testing. The results of leak testing and pressure testing will be recorded on field sampling logs.

Sub-Slab Vapor Sampling

The sub-slab vapor samples will be collected through dedicated Teflon-lined polyethylene tubing connected to the sampling port. In accordance with the U.S. Environmental Protection Agency (EPA) Standard Operating Procedure (SOP), approximately two (2) liters of ambient air will be purged from the tubing prior to initiating sample collection. Following purging, sub-slab vapors at each point will be drawn from the end of the tubing using a low-level photo-ionization detector instrument and the readings will be recorded on the sample forms and laboratory canister labels. Sub-slab vapor will then be drawn into a 6-liter vacuum sample canister fitted with laboratory supplied regulators that allow a flow rate of approximately 200 ml/min.

The sub-slab vapor samples collected during each of the two (2) sampling events will be submitted, under appropriate chain-of-custody procedures, to Envision for analysis of the *Dry Cleaners List* of CVOCs according to US EPA Method TO-15. The sampling ports will be left in place for future sampling and abandoned at a later date.

REPORTING

The vapor sampling results will be reported to building occupants within 10 days of receiving laboratory results as required and copied to the WDNR. The report will consist of a brief letter, a map showing the sampling locations, and a table with a summary of the data and comparisons to vapor risk screening levels (VRSLs).

In addition, the results of the SSDS diagnostics will be reported to the WDNR with design details and will include a cost for the installation and commissioning of the SSDS at the Site building. This report will also include recommendations for vapor mitigation needs identified at any additional off-site buildings.



COST AND SCHEDULE

We have attached detailed cost breakdown sheets for this work. The work has been divided into sub-phases that can be managed through our project tracking system.

The total anticipated cost of this additional work is estimated at \$34,417. This cost assumes that access can be achieved with a reasonable effort and that the the vapor intrusion sampling can be coordinated between the four (4) off-site properties to occur on the same days. If multiple mobilizations are needed to accommodate the various schedules of off-site property owners, then the cost would increase.

Work will begin to gain access to off-site properties upon approval of this work scope. Upon successful execution of access agreements, work will be scheduled. It is anticipated that the initial vapor intrusion sampling, SSDS diagnostics, and groundwater sampling with results reporting can be completed within six (6) weeks of obtaining access agreements.

If you have any questions or require additional information, please do not hesitate to contact me at (414) 982-3988, or by email at wfassbender@enviroforensics.com.

Sincerely, EnviroForensics, LLC

Wayne Fassbender, PG Senior Project Manager

Attachments: Results Report of October 13, 2017 GeoTest Laboratory Report VPS Advanced Diagnostics Proposal Form 4400-214D EnviroForensics Detailed Cost Breakdown Sheets

Copy: Jere Ebbers Tom and Marilyn Berlin



October 13, 2017

Marilyn Berlin W2626 Miley Rd. Sheboygan Falls, Wisconsin 53085

Subject: Vapor Intrusion Sampling Results – 403 S. Main St., Cedar Grove, Wisconsin BRRTS: 02-60-271527

Dear Ms. Berlin:

In accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14, EnviroForensics, LLC. (EnviroForensics) is providing the results of environmental samples collected from your property located at 403 South Main Street in Cedar Grove, Wisconsin. The samples were collected on September 13, 2017. The sampling activities are part of an environmental investigation being performed for the former Dutch Cleaners facility at the direction of the WDNR pursuant to the authority granted to it under State and Federal law. The chemicals of concern for the investigation are the dry cleaning solvent tetrachloroethene (PCE) and its associated breakdown products.

The Responsible Party is:

Mr. Jere Ebbers Former Dutch Cleaners 231 S. Main St. Cedar Grove, WI 53013

Sampling Results

Two indoor air samples designated 6420-403 S Main St-IA-1 and 6420-403 S Main St-IA-2 were collected from within the first floor and basement, respectively. For quality control purposes a sample of outdoor ambient air designated 6420-403 S Main St-OA-1 was also collected Additionally, two (2) sub-slab vapor samples designated 6420-403 S Main St-SSV-1 and 6420-403 S Main St-SSV-2 were collected from beneath the basement floor of your building. The sampling locations are depicted on the attached **Figure 1**. The results of the vapor samples are summarized and compared to WDNR standards on the attached **Table 1**. A copy of the laboratory report that relates to the vapor samples is also attached.

Document: 6420-0096 EnviroForensics, LLC N16 W23390 Stone Ridge Drive, Suite G Waukesha, WI 53188 Phone: 262-290-4001 • Fax 317.972.7875 October 13, 2017



Indoor air samples 6420-403 S Main St-IA-1 and 6420-403 S Main St-IA-2 contained PCE at concentrations of 6.92 micrograms per cubic meter ($\mu g/m^3$) and 7.26 $\mu g/m^3$, respectively, which are below the Vapor Action Level of 180 $\mu g/m^3$ for PCE detected within small commercial buildings.

Sub-slab vapor samples 6420-403 S Main St-SSV-1 and 6420-403 S Main St-SSV-2 contained PCE at a concentrations of 14,100 μ g/m³ and 66,300 μ g/m³ which exceed the vapor risk screening level (VRSL) of 6,000 μ g/m³ for PCE detected below small commercial buildings. Trichloroethene (TCE) was also detected in each sub-slab vapor sample but, at concentrations below the VRSL for TCE.

Sub-slab vapor samples have exceeded the screening levels set by the WDNR. We are evaluating the options for mitigating the sub-slab vapors. We will contact you to discuss the next steps. If you have any questions or concerns, please contact us at 414-982-3988 or by email at <u>wfassbender@enviroforensics.com</u>. The WDNR project manager, Richard Joslin, can be reached at 920-424-7077. We greatly appreciate your help and patience with this matter.

Sincerely, EnviroForensics, LLC

Wayer P. Lambel

Wayne Fassbender, PG Senior Project Manager

Attachments: Figure 1 – Vapor Intrusion Sample Locations Table 1 – Vapor Intrusion Analytical Results – 403 S. Main St. Laboratory Analytical Report

Copy: Jere Ebbers, Former Dutch Cleaners Richard Joslin, Wisconsin Department of Natural Resources

FIGURE 1 VAPOR INTRUSION SAMPLE LOCATIONS 403 S. Main Street, Cedar Grove Wisconsin



Ν

Legend

● = Indoor/Outdoor Air Sample
 IA-B = Basement
 IA-1 = 1st Floor
 SSV-1 = Sub-Slab Vapor
 ★ = Sub-Slab Vapor Sampling Port Location



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TABLE 1VAPOR INTRUSION ANALYTICAL RESULTS - 403 S. MAIN ST.

Former Dutch Cleaners 403 S. Main Street, Cedar Grove, Wisconsin

Sample Address	Sample Identification	Sample Date	Consultant	Mitigation	Tetrachloroethene	Trichlorethene		
INDOOR/ OUTDOOR AIR								
	Non-Residential V	apor Action	Level		180	8.8		
	6420-403 S Main St-IA-1	09/13/17	EnviroForensics	No	6.92	<1.07		
403 S. Main St.	6420-403 S Main St-IA-2	09/13/17	EnviroForensics	No	7.26	<1.07		
	6420-403 S Main St-OA-1	09/13/17	EnviroForensics	No	<3.019	<1.07		
		SUB-SLA	B VAPOR					
	Non-Residential Vapor	r Risk Scree	ning Level		6,000	290		
403 S. Main St	6420-403 S Main St-SSV-1	09/13/17	EnviroForensics	No	14,100	35.3		
405 S. Main St.	6420-403 S Main St-SSV-2	09/13/17	EnviroForensics	No	66,300	16.4		

Notes:

Results reported in microgragms per cubic meter ($\mu g/m^3$)

Samples analyzed according to EPA Method TO-15

Vapor Risk Screeing/Action Levels are calculated in accordance with WDNR Publication RR-800 and

subsequent guidance documents

IA = Indoor Air

OA = Outdoor Air

SSV = Sub-slab vapor

Bolded values are above detection limits

Bolded and Orange shaded concentration exceed the applicable non-residential screening level





EnvisionAir 1441 Sadlier Circle West Drive Indianapolis, IN 46239 Ph: 317-351-0885 Fax: 317-351-0882 www.envision-air.com

Mr. Wayne Fassbender Enviroforensics N16 W. 23390 Stone Ridge Dr Suite G Waukesha, WI 53188

September 28, 2017

EnvisionAir Project Number: 2017-576 Client Project Name: 6420

Dear Mr. Fassbender,

Please find the attached analytical report for the samples received September 15, 2017. All test methods performed were fully compliant with local, state, and federal EPA methods unless otherwise noted. The project was analyzed as requested on the enclosed chain of custody record. Please review the comments section for additional information about your results or Quality Control data.

Feel free to contact me if you have any questions or comments regarding your analytical report or service.

Thank you for your business. EnvisionAir looks forward to working with you on your next project.

Yours Sincerely,

tranty O. Hunnicutt

Stanley A Hunnicutt

Project Manager EnvisionAir, LLC



Client Name: ENVIROFORENSICS

Project ID:

6420

Client Project Manager: WAYNE FASSBENDER

EnvisionAir Project Number: 2017-576

Sample Summary

START START Lab Date Time End Date End Time Date Time Initial Field Final Field Received Laboratory Sample Number: Sample Description: Collected: Collected: Collected: Received: Received <u>(in. Hg)</u> <u>(in. Hg)</u> <u>(in. Hg)</u> Matrix: 6420-403 S MAIN ST-IA-1 17-2255 9/13/17 9/13/17 9/15/17 -29 А 9:28 17:30 11:00 -5 -5 9/13/17 17-2256 6420-403 S MAIN ST-IA-2 11:00 Α 9/13/17 9.30 17:31 9/15/17 -29 -6 -6 17-2257 6420-403 S MAIN ST-OA-1 А 9/13/17 9:23 9/13/17 17:33 9/15/17 11:00 -29 -7 -7 17-2258 6420-403 S MAIN ST-SSV-1 9/13/17 18:27 9/13/17 18:33 9/15/17 11:00 -27 -5 -5 А 6420-403 S MAIN ST-SSV-2 17-2259 А 9/13/17 18:14 9/13/17 18:21 9/15/17 11:00 -28 -4 -4

Canister Pressure / Vacuum



Client Name:	ENVIROFORENSICS			
Project ID:	6420			
Client Project Manager:	WAYNE FASSBENDER			
EnvisionAir Project Number:	2017-576			
Analytical Method: Analytical Batch:	TO-15 092117AIR			
Client Sample ID:	6420-403 S MAIN ST-IA-1	Sample Collection START Date/Time: Sample Collection END Date/Time:	9/13/17 9/13/17	9:28 17:30
Envision Sample Number: Sample Matrix:	17-2255 AIR	Sample Received Date/Time:	9/15/17	11:00
Compounds cis-1,2-Dichloroethene Tetrachloroethene trans-1,2-Dichloroethene Trichloroethene Vinyl Chloride 4-bromofluorobenzene (surroga Analysis Date/Time: Analyst Initials	Sample Results ug/m ³ < 19.8 6.92 < 39.6 < 1.07 < 1.28 ate) 110% 9-21-17/18:36 tig	Reporting Limit ug/m ³ 19.8 3.19 39.6 1.07 1.28	<u>Flag</u>	
Analyst Initials	IJġ			



ENVIROFORENSICS			
6420			
WAYNE FASSBENDER			
2017-576			
TO-15 092117AIR			
6420-403 S MAIN ST-IA-2	Sample Collection START Date/Time: Sample Collection END Date/Time:	9/13/17 9/13/17	9:30 17:31
17-2256 AIR	Sample Received Date/Time:	9/15/17	11:00
Sample Results ug/m ³ < 19.8 7.26 < 39.6 < 1.07 < 1.28 te) 112% 9-21-17/19:15 tjg	Reporting Limit ug/m³ 19.8 3.19 39.6 1.07 1.28	<u>Flag</u>	
	ENVIROFORENSICS 6420 WAYNE FASSBENDER 2017-576 TO-15 092117AIR 6420-403 S MAIN ST-IA-2 17-2256 AIR Sample Results ug/m ³ < 19.8 7.26 < 39.6 < 1.07 < 1.28 te) 112% 9-21-17/19:15 tjg	ENVIROFORENSICS 6420 WAYNE FASSBENDER 2017-576 TO-15 092117AIR 6420-403 S MAIN ST-IA-2 Sample Collection START Date/Time: 17-2256 AIR Sample Results ug/m ³ < 19.8 7.26 39.6 < 1.07 < 1.28 te) 112% 9-21-17/19:15 tig	ENVIROFORENSICS 6420 WAYNE FASSBENDER 2017-576 TO-15 092117AIR 6420-403 S MAIN ST-IA-2 Sample Collection START Date/Time: 9/13/17 Sample Collection END Date/Time: 9/13/17 17-2256 Sample Received Date/Time: 9/13/17 17-2256 3.19 < 19.8 19.8 19.8 19.8 Flag < 19.8 19.8 19.8 19.8 19.8 19.8 19.8 19.8



Client Name:	ENVIROFORENSICS			
Project ID:	6420			
Client Project Manager:	WAYNE FASSBENDER			
EnvisionAir Project Number:	2017-576			
Analytical Method: Analytical Batch:	TO-15 092117AIR			
Client Sample ID:	6420-403 S MAIN ST-OA-1	Sample Collection START Date/Time: Sample Collection END Date/Time:	9/13/17 9/13/17	9:23 17:33
Envision Sample Number: Sample Matrix:	17-2257 AIR	Sample Received Date/Time:	9/15/17	11:00
Compounds cis-1,2-Dichloroethene	Sample Results ug/m ³ < 19.8	Reporting Limit ug/m³ 19.8	Flag	
Tetrachloroethene	< 3.19	3.19		
trans-1,2-Dichloroethene	< 39.6	39.6		
Trichloroethene	< 1.07	1.07		
Vinyl Chloride	< 1.28	1.28		
4-bromofluorobenzene (surroga	ate) 103%			
Analysis Date/Time:	9-21-17/16:01			
Analyst Initials	tjg			



Client Name:	ENVIROFORENSICS			
Project ID:	6420			
Client Project Manager:	WAYNE FASSBENDER			
EnvisionAir Project Number:	2017-576			
Analytical Method: Analytical Batch:	TO-15 092517AIR			
Client Sample ID:	6420-403 S MAIN ST-SSV-7	Sample Collection START Date/Time: Sample Collection END Date/Time:	9/13/17 9/13/17	18:27 18:33
Envision Sample Number: Sample Matrix:	17-2258 AIR	Sample Received Date/Time:	9/15/17	11:00
<u>Compounds</u>	Sample Results ug/m ³	Reporting Limit ug/m ³	<u>Flag</u>	
cis-1,2-Dichloroethene	< 19.8	19.8		
Tetrachloroethene	14,100	1280	1	
trans-1,2-Dichloroethene	< 39.6	39.6		
Trichloroethene	35.3	1.07		
Vinyl Chloride	< 1.28	1.28		
4-bromofluorobenzene (surroga	ate) 113%			
Analysis Date/Time:	9-26-17/03:54			
Analyst Initials	tig			



Client Name:	ENVIROFORE	NSICS			
Project ID:	6420				
Client Project Manager:	WAYNE FASS	BENDER			
EnvisionAir Project Number:	2017-576				
Analytical Method: Analytical Batch:	TC 0925)-15 17AIR			
Client Sample ID:	6420-403 S N	IAIN ST-SSV-2	Sample Collection START Date/Time: Sample Collection END Date/Time:	9/13/17 9/13/17	18:14 18:21
Envision Sample Number: Sample Matrix:	-17 A	2259 IR	Sample Received Date/Time:	9/15/17	11:00
<u>Compounds</u>	Sample Results u	<u>ıg/m³</u>	Reporting Limit ug/m ³	Flag	
cis-1,2-Dichloroethene	< 19.8		19.8		
Tetrachloroethene	66,300		5100	2	
trans-1,2-Dichloroethene	< 39.6		39.6		
Trichloroethene	16.4		1.07		
Vinyl Chloride	< 1.28		1.28		
4-bromofluorobenzene (surroga	nte) 10	5%			
Analysis Date/Time:	9-26-1	7/04:32			
Analyst Initials	t	jg			



EnvisionAir Batch Number:

Flag

Analytical Report

TO-15 Quality Control Data

092117AIR

tjg

Method Blank (MB):	MB Results (ppbv)	<u>Reporting Limit (ppbv)</u>	<u>Flags</u>			
cis-1,2-Dichloroethene	< 5	5	-			
Tetrachloroethene	< 0.47	0.47				
trans-1,2-Dichloroethene	< 10	10				
Trichlorethene	< 0.2	0.2				
Vinyl Chloride	< 0.5	0.5				
4-bromofluorobenzene (surrogate)	102%					
Analysis Date/Time:	9-21-17/15:25					
Analyst Initials	tjg					
			LCS/D	LCS	LCSD	
LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	Conc(ppbv)	Rec.	Rec.	<u>RPD</u>
Vinyl Chloride	10.3	10.6	10	103%	106%	2.9%
trans-1,2-Dichloroethene	9.02	9.38	10	90%	94%	3.9%
cis-1,2-Dichloroethene	9.34	9.8	10	93%	98%	4.8%
Trichloroethene	11.3	11.2	10	113%	112%	0.9%
Tetrachloroethene	11	11.5	10	110%	115%	4.4%
Tetrachloroethene 4-bromofluorobenzene (surrogate)	11 114%	11.5 118%	10	110%	115%	4.4%
Tetrachloroethene 4-bromofluorobenzene (surrogate) Analysis Date/Time:	11 114% 9-21-17/13:25	11.5 118% 9-21-17/14:49	10	110%	115%	4.4%



EnvisionAir Batch Number:

Analysis Date/Time:

Analyst Initials

Analytical Report

TO-15 Quality Control Data

092517AIR

9-25-17/15:37

tjg

Method Blank (MB):	MB Results (ppbv)	<u>Reporting Limit (ppbv)</u>	Flags				
cis-1,2-Dichloroethene	< 5	5					
Tetrachloroethene	< 0.47	0.47					
trans-1,2-Dichloroethene	< 10	10					
Trichlorethene	< 0.2	0.2					
Vinyl Chloride	< 0.5	0.5					
4-bromofluorobenzene (surrogate)	102%						
Analysis Date/Time:	9-25-17/17:36						
Analyst Initials	tjg						
				1.00			
1 00 / 000				LUS	LCSD		-
LCS/LCSD	LCS Results (ppbv)	LCSD Results (ppbv)	Conc(ppbv)	Rec.	Rec.	RPD	Flag
Vinyl Chloride	9.37	9.64	10	94%	96%	2.8%	
trans-1,2-Dichloroethene	8.65	8.86	10	87%	89%	2.4%	
cis-1,2-Dichloroethene	9.98	10.3	10	100%	103%	3.2%	
Trichloroethene	10.9	10.5	10	109%	105%	3.7%	
Tetrachloroethene	11.4	11.5	10	114%	115%	0.9%	
4-bromofluorobenzene (surrogate)	118%	120%					

9-25-17/16:19

tjg



Flag Number

1 2

Comments

Reported value is from a 400x dilution. TJG 9-27-17 Reported value is from a 1600x dilution. TJG 9-27-17

EnvisionAir	14419	Sadlier Ci	CH rde West	AIN C	DF CU ; dianapolis,	STOD	Y RECC 9 Phone: (3 17) 351-088	ه الم 5 Fax: (317) 351-	0882	
Client: Env ofference CJ	P.O. I	Vumber:	1017-11	68								
Report Address: NIGV23390 Store Kidge P	Projec	ct Name or	. Number:	GRAE 1 2	. 8		ED PAKAM	:TERS				
Report TO: Wigne Fast perdor	Samp	led by: N_a	te Rude	1 3 21	10 10	>						
Phone: 414-982-3988	QA/Q	C Required Lev	: (circle if app el III Lev	icable)	iach féi Péin lite Rainrea					2	して	NAIK
Invoice Address:	Repor ug/r	ting Units	needed: (cin	de) PPMV		IST LIDEL LIST		Soil-Gas:	4, 1), 4, 1), 1, 3, 1, 1			
Desired TAT: (Please Circle One) 1 day 2 days 3 days Std (5 bus. days)	Media tyr	e: 1LC = 1 Lite 6LC = 6 Lite TB = Tedlar TD = Therm	r Canister Canister Bag al Desorption Tub	aler 101 aler 101	15101	\$510		Sub-Slab:	Canister	WWW.en	/ision-air.o	mo
Air Sample ID Media	Coll. Date (Grah/Comp	Coll. Time (stat)/comp	Coll. Date (comp. End)	Coll. Time			Canister Serial #	Flow Controller Serial #	Initial Field (in. Hg)	Final Field (in. Hg)	Lab Received (in. Hg)	EnvisionAir Sample Number
67204035 Main 57 IA-1 62C	4-1-6	4:28	4-21-6	17:30	×		10348	21250	- 29	5 -	51	2262-61
64204035Manst IA-2 666	5-13-13	9:30	8-12/7	15:31	×		4688	90850	- 29	9-	9	17-2256
64204035 Aminst 0A-1 62C	9-13-17	9:23	4-13-17	17:33	X	on ar Sacar	16018	07309	62-	rt,	2	17-7757
64204035 Mainst 554-1 2 60	4151-6	18:33	trand	18:33	\times		Budds	1	t2-	2	5	17-2258
6420 403 Sman 54 55 4-2 16 C	6251-6	18:14	41-22-8	18:21	\times	divla divla	83822	1	-28	- 4	4-	17-2259
	A DA Li SA					ent ei 249 m				2.70		
			r 265 Ger 201			1000			103/NO			38 - 1 AK 3
1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	ini na	28 S.S.				e a ca		0.16.) 1. 2. 4 20	69) 42 69) 42 64]	7 80		1 31
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Comments: Level IV for 6	62 63 0	. qr	Part	purch	10 332	ider a	uni na	oice .	nilei raec a laitei raec	de statio		
Relinquished b	:Xo			ate	Time		Reo	eived bv:	unings able ()	Dat	-	Time
Wathy and			8	21-26	11:00	9	481	R		9/15/	17	VEDN
			_			_						2



REPORT: Soils Sample Log-In-Sheet

Work Order: 17-4122

Project:	6420	Report Date:	09/22/2017
Location:		Date Sampled	1: 09/14/2017
Client:	Enviroforensics	Sampled By:	Client
Acct. No:	ENVIROFOREN	By Order Of:	Client
Client PO:	2017-1297	Order Number	ſ:
		Report No:	17-4122
		Project No:	5565

TEST RESULTS

An soil sample(s) were delivered on this date: 09-13-17

The following tests have been completed or are in process:

17-4122-1	Atterberg Limits	Signed
17-4122-1	Sieve Analysis of Soil Test Report	Signed

Technician: Bautista, Emil

Remarks:

Orig: Enviroforensics (Indianapolis, IN) Attn: Wayne Fassbender (1-ec copy)

Respectfully Submitted, GeoTest, Inc.

Emil G. Bautista, Testing Services Manager

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION. Greg Schmidt 10-20-13 Version #1



REPORT:	Sieve Analysis of Soil Test Report	LAB NO: Test Method:	17-4122-1 See Below
Project: Location: Client: Acct. No: Client PO:	6420 Enviroforensics ENVIROFOREN 2017-1297	Report Date: Date Sampled Sampled By: By Order Of: Order Number Report No: Project No:	09/22/2017 : 09/13/2017 Client Client : 17-4122-1-1 5565

TEST RESULTS

Thank you for allowing us to work for you. Attached are laboratory test results.

Test Methods (If Applicable):ASTM D1140, D422, D6913 AASHTO T88

Orig: Enviroforensics (Indianapolis, IN) Attn: Wayne Fassbender (1-ec copy)

Respectfully Submitted, GeoTest, Inc.

Emil G. Bautista, Testing Services Manager

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Tested By: Emil G. Bautista

Checked By: Emil G. Bautista



Project: 6420

Location: Client: Enviroforensics Acct. No: ENVIROFOREN Client PO: 2017-1297 LAB NO: 17-4122-1 Test Method: See Below

Report Date:09/21/2017Date Sampled:09/13/2017Sampled By:ClientBy Order Of:ClientOrder Number:ClientReport No:17-4122-1Project No:5565

TEST RESULTS

Description: Brown Lean CLAY and Silt with some Sand anc Liquid Limit: 32 Plastic Limit: 16 Plasticity Index: 16

Date Received: 9/13/2017 Date Tested: 9/21/2017

Test Method (As Applicable):ASTM D4318, AASHTO T89 & T90

Orig: Enviroforensics (Indianapolis, IN) Attn: Wayne Fassbender (1-ec copy)

Respectfully Submitted, GeoTest, Inc.

Emil G. Bautista, Testing Services Manager

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COST ESTIMATE ADVANCED DIAGNOSTICS TESTING & SITE ASSESSMENT FOR MITIGATION

November 7, 2017

VPS Estimate No. 2017-2041 Dutch Cleaners 403 S. Main St. Cedar Grove, Wisconsin

Mr. Wayne Fassbender N16 W23390 Stone Ridge Dr. Suite G Waukesha, WI 53188 (262) 490-6472

Dear Mr. Fassbender:

Vapor Protection Services (VPS) is pleased to provide services for an Advanced Diagnostics phase for mitigation that ensures effective and reliable mitigation of vapor intrusion concerns at 403 S. Main St. Cedar Grove, Wisconsin (Site). This Advanced Diagnostics phase is recommended by the American Association of Radon Scientists and Technologists for the design of sub-slab depressurization systems (SSDS), sub-membrane depressurization systems (SMDS) for crawl spaces, both systems also referred to as Active Soil Depressurization (ASD), which are effective in the mitigation of radon and vapor intrusion (VI) such as TCE, PCE, vinyl chloride and benzene. A detailed site report is included in this cost-estimate.

Advanced Diagnostics Phase	Cost Estimate
Advanced Diagnostics and System Design	
Admin. Fee for Site Report with Test Results, ROI Schematic, and Cost	
Estimate for System Installation	
Total	\$3,000.00

Advanced Diagnostics

Pressure field extension testing (PFE) includes but it not limited to measurement of indoor air volume and pressure, pilot fan testing with air flow tracking, and thorough site assessment for specific conditions, such as building construction, potential leaks in foundation, and soil composition for desired permeability. All test and measurement results, radius of influence (ROI) schematic, and site conditions in regard to mitigation will be presented in a concise report to help VPS, consultants and shareholders develop mitigation strategies for best overall system design and installation. With the knowledge gained by the diagnostics phase, VPS includes a cost-estimate for installation intended to be fair and accurate.

Advanced Diagnostics with Pressure Field Testing includes the following work scope:

• Core drilling of each extraction point will have 3 -6 test points associated with it to establish radius of influence. Number of extraction points is determined by sub-slab substrate, square footage, building construction and performance criteria.

- Test holes of 3/8" drilled at a minimum of (3-6) locations through slab within slab perimeter to determine radius of influence with pilot fan testing.
- Digital micro-manometer measures negative pressure induced by fan to determine soil permeability and identify optimal location(s) for extraction points.
- PFE testing results are then considered reliable for depressurization of the entire slab foundation to a minimum of -0.020 inches of water column (-0.020" WC) per EPA guidelines and/or to meet performance criteria required by consulting company and are documented in site report.
- Measurements and testing will occur during normal business hours, 8 AM to 5 PM unless otherwise specified, with site access the responsibility of consulting company.
- A site condition for mitigation report with schematic of ROI is provided with notes on field/building observation and measurement/test results to help in the communication of mitigation strategies required at Site.
- A complete system design with layout schematic and daily work plan for Site is available upon request at an additional cost which is deductible from installation cost if VPS is awarded Site.
- Testing will occur during normal business hours, 8 AM to 5 PM unless otherwise specified, with site access and electrical service being the responsibility of consulting company.

A System Design Schematic & Workscope is Available Upon Request

A Mitigation System Design deliverable (not included in this cost estimate) is available post-field testing and is recommended for larger projects or those that need a competitive bid process. Consultants may request *Mitigation System Design* (which includes system layout/schematic drawing with fan selection/specifications, detailed work scope and Guidance checklists). The contracted fee for design (approximately 15% of installation) is deductible from the cost of installation if VPS is awarded site; design deliverable is property of consulting company and may be offered to other contractors for bid purposes.

VPS Certifications

VPS is certified by the American Association of Scientists and Technologists/National Radon Proficiency Program (AARST-NRPP) and trained by both the Center for Environmental Research and Technology and Midwest Universities Radon Consortium (MURC) in Radon Measurements and Mitigation. U.S. EPA recommends that vapor intrusion mitigation system installers also maintain such certifications. In addition, VPS has received additional training in Advanced Diagnostics for Mitigation, Chemical Vapor Intrusion Mitigation, Design & Installation of Radon Control Systems in New Buildings (NRPP 171), Multi-Family Measurement and Mitigation, and Radon Measurements and Mitigation in Large Buildings and Schools. VPS possesses specific experience in both design and installation of active soil depressurization systems for vapor intrusion and commercial radon sites, as well as, radon measurements for multi-family (HUD) and military bases. A certificate of liability insurance for general contracting, vapor mitigation, radon mitigation, and radon measurements and testing is available upon request. (OSHA 40. Licensed General Contractor).

Limitations and Conclusion

This cost estimate is effective for thirty (30) days from date of estimate until December 7, 2017. The costs and services in this estimate do not pertain to or include any testing required by federal, state, or local entities. All activities undertaken during testing and/or installation are performed under current insurance limits of VPS. Vapor Protection Services appreciates the opportunity to submit this cost estimate for services designed to meet your requirements for mitigation.

A representative of consulting company must sign here in acknowledgment of (above) cost estimate, cost and schedule, limitations and conclusion before testing may be scheduled.

Representative Name _	Dat	
Representative Signatu	e	

Sincerely,

Elyabeth S. Cline

Elizabeth L. Cline Vapor Protection Services® 825 N. Capitol Ave Indianapolis, IN 46204 866.888.7911 www.vaporprotection.com

This estimate and any files transmitted with it are confidential and intended solely for the use of the individual or entity addressed and is considered proprietary information arising regarding business activities, plans, system designs, system applications, costs, pricing and other business activities not generally known or accessible to the public or competing firms. Your good faith effort not to share this estimate and details contained (within) without our express consent is appreciated.

TASKS			BI	IDGET							_																	DERE CO	ST BREAKOUT (thi	s claim)		-	
								1		1																		D2III 00		5 old)		Budget	
Bid / Budgeted Description	Original Bid plus CO Approved Amount	Change Order Interim RA, Jan 2012	Change Order Addl SI 1/30/2014	Change Order Additional SI July 2017	Change Order Additional SI November 2017	Total Approved Budget	Previous d Claims (If applicable)	Remaining	Pace, 1540006640, June 29, 2015	FG, June 3 2015, 6648	Pace, 0, 1540010863, 34 Oct 2, 2015	Pace, 1540014616, Dec 24, 2015	Pace, 1640017512, Mar 23, 2016	Pace 1640021719, June 28, 2016	FG, July 31, 2016, 72108	Pace 1640025368, Sept 21, 2016	Pace 1640029870, Dec 27, 2016	FG, Dec 31, 2016, 74858	FG, April 24, 2017	EnviroForensics Invoice # 18204 April 2017	EnviroForen Invoice # 18 May 2013	ensics EnviroFore 8221 Invoice # 1 17 June 20	nsics EnviroFore 8348 Invoice # 1 17 July 201	nsics EnviroForensics 3430 Invoice # 18550 7 August 2017	EnviroForensics Invoice # 18679 September 2017	Total Invoiced Costs	A B Soil Invn Soil Remn	C GW Invn GV	E D Air/Vapo V Remn Invn	F or Air/Vapo Remn	G H Lab & Other Mis Analysis Cos	Remaining Use (-) to c indicate cost ts over-run	% Task Complete, Remarks
Initial Discovery by Arcadis							\$ 10,099.92	2																									
Task 1: Work Plan	\$ 530.00)				\$ 530.00	\$ 470.00	0 \$ 60.00)																_	ş -						\$ 60.00	100%
Task 2: Site Investigation: 5 NR 141																																	ļ
Wells, 1 Piezometer, 4																																	
air and sump eval and 2C Addl 3 wells	\$ 8,652.00		\$ 2,825.00			\$ 11,477.00	\$ 11,816.75	5 \$ (339.75	i)																	s -						\$ (339.75)	100%
Task 3: Quarterly Groundwater																																	
Addl GW monitor	\$ 3,196.00		\$ 2,671.00			\$ 5,867.00	\$ 7,418.75	5 \$ (1,551.75	i)																	s -						\$ (1,551.75)	100%
Taali A lavaatiaati a Waata Diaaaaal G																																	
Wells + 2 Addl Wells Plus 4B Addl Inv																																	
West Disposal from 3 wells	\$ 725.00)	ş -			\$ 725.00	\$ 432.50	0 \$ 292.50)																_	s -						\$ 292.50	100%
Interpretation plus 5B Addl Data from																																	
Well Install, vapor. Sump eval, and	• • • • • • •																																
Task 6: Report Preparation (SI / RAO)	\$ 6,290.00)	\$ 1,645.00			\$ 7,935.00	5 7,947.50	0 \$ (12.50	0																	s -						\$ (12.50)	100%
plus 6B Addl SI Report	\$ 4,520.00)	\$ 4,065.00			\$ 8,585.00	\$ 10,138.95	5 \$ (1,553.95	i)																	s -						\$ (1,553.95)	100%
Task 7: Project Management (access to Main Street ROW, bidding, etc.) plus																																	
7B Addl PM	\$ 2,790.00)	\$ 1,280.00			\$ 4,070.00	\$ 4,031.25	5 \$ 38.75	5																	\$ -						\$ 38.75	100%
Task A: Sump Connection and Initial Quarter Monitoring / Report		\$ 1.743.60				\$ 1.743.60) \$ 1.736.75	5 \$ 6.85																		s -						\$ 6.85	100%
Task B: Quarterly Monitoring, Report, Treatment (one year - 4 events)		\$ 11.315.20				\$ 11.315.20	S 4.183.34	4 \$ 5,566.86		\$ 715	00				\$ 292.50			\$ 227.50	\$ 330.00							\$ 1,565,00		s	1.565.00			\$ 5,566,86	100%
Task C: Groundwater Sampling (14		÷													•											.,		, , , , , , , , , , , , , , , , , , ,					
wells plus sump)		\$ 1,626.00				\$ 1,626.00	\$ 1,606.75	5 \$ 19.25	i																	s -						\$ 19.25	100%
Task D: Data Evaluation and																																	
Interpretation		\$ 1,630.00				\$ 1,630.00) \$ 1,616.25	5 \$ 13.75	5																	ş -						\$ 13.75	100%
Preparation		\$ 5,710.00	\$ (5,710.00)			\$-	ş -	\$-																		s -						s -	0%
Task F: Well Abandonment 14 wells		\$ 1,655.00	\$ (1,655.00)			\$ -	\$ -	\$-																		ş -						\$ -	0%
Phase 1a: Work Scope Development				\$ 3,320,00		\$ 3 320 00		\$ (409.00												\$ 243.00	\$ 180	300.00 \$ 4	19.50 \$ 7	10.00 \$ 556.5	ns -	\$ 3,729.00			\$ 3,729	00		\$ (409.00)	100%
Phase 1b: Site Investigation Field				\$ 0,020.00		\$ 0,020.00	, ,	φ (100.00	1											¢ 240.00	¢ 1,00	\$00.00 ¥	10.00 \$	000.0	, t	\$ 0,720.00			\$ 0,720.			• (100.00)	10070
Work				\$ 5,327.00		\$ 5,327.00)\$-	\$ 1,731.50)											\$ 806.50	\$ 1	17.00 \$	- \$	- \$ 250.0	0 \$ 2,522.00	\$ 3,595.50			\$ 3,595.	50		\$ 1,731.50	100%
Phase 1c: Data Evaluation and				• • • • • • •		• • • • • • •		• • • • • • •																									
Reporting				\$ 2,414.00		\$ 2,414.00) \$ -	\$ 2,336.50)		-									\$ -	\$	- \$	- \$	- \$ -	\$ 77.50	\$ 77.50			\$ 77.	50		\$ 2,336.50	100%
Management				\$ 1,563.00		\$ 1,563.00	s -	\$ 36.50												\$ 119.00	\$ 13	136.00 \$	- s	- \$ 1,039.0	0 \$ 232.50	\$ 1,526.50			\$ 1,526.	50		\$ 36.50	100%
Phase 2a: Work Scope Development					\$ 3,287.00	\$ 3,287.00)\$-	\$ 3,287.00)																_	\$-						\$ 3,287.00	
Bhase 2hi Assess					\$ 2,402,00	\$ 2,402,00		¢ 2,402,00																		e						\$ 2,402,00	
Filase 2D. Access					\$ 2,493.00	\$ 2,493.00	,	φ 2,493.00	,																	ۍ د د						\$ 2,493.00	
Phase 2c: Investigative Work					\$ 9,778.00	\$ 9,778.00) \$ -	\$ 9,778.00																		s -						\$ 9,778.00	
Phase 2d: Data Evaluation and																																	ļ
Reporting					\$ 4,864.00	\$ 4,864.00) \$ -	\$ 4,864.00)																	\$ -						\$ 4,864.00	
Phase 2e: Project Coordination and Management					\$ 2,925.00	\$ 2,925.00) \$ -	\$ 2,925.00																		s -						\$ 2,925.00	
Consultant Cost Total		A			0 000/700															• • • • • • • •												A AA FAA	
Sub-Contractor Costs	\$ 26,703.00) \$ 23,679.80	\$ 5,121.00	\$ 12,624.00	\$ 23,347.00	\$ 91,474.80	5 51,398.75	9 \$ 29,582.5	\$ -	\$ 715.	.00 \$ -	\$ -	\$ -	5 -	\$ 292.50	\$ -	\$ -	\$ 227.50	\$ 330.00	\$ 1,168.50	5 1,95	953.00 \$ 4	19.50 \$ 7	10.00 \$ 1,845.5	0 \$ 2,832.00	\$ 10,493.50						\$ 29,582.51	_
Phase 1b: Site Investigation Field																	1																
Work				\$ 2,874.00		\$ 2,874.00)\$-	\$ 1,422.07	•		-									\$ 71.93	\$	- \$	- \$	- \$ -	\$ 1,380.00	\$ 1,451.93					\$ 1,451.93		
Phase 2c ¹ Investigative Work					\$ 11.070.00	\$ 11.070.00																				s .							
					• • • • • • • • • • • • • • • • • • • •																		-	-		•							
Sub-Contractor Cost Total DERF ELIGIBLE SUB-TOTALS	\$ 19,335.00 \$ 46.038.00	\$ 3,755.00 \$ 27,434.80	\$ 4,955.00 \$ 10.076.00	\$ 2,874.00 \$ 15.498.00	\$ 11,070.00 \$ 34,417.00	\$ 41,989.00 \$ 133.463.80	0 \$ 24,133.95 \$ 75.532.74	5 \$ 16,003.12 4 \$ 45,585.63	\$ 50.00 \$ \$ 50.00	\$ 715	- \$ 50.0 .00 \$ 50.0	0 \$ 50.00 \$ 50.00	\$ 50.00 \$ 50.00	\$ 50.00 \$ 50.00	\$ -	\$ 50.00	\$ 50.00) \$ -) \$ 227.50	\$ 50.00 \$ 380.00	\$ 71.93 \$ 1.240.43	8 \$ 1.95	- \$ 953.00 \$ 4	- \$ 19.50 \$ 7	- \$ - 10.00 \$ 1.845.5	\$ 1,380.00 0 \$ 4,212.00	\$ 1,851.93 \$ 12,345.43	<u>s - s -</u>	s - s	1.565.00 \$ 8.928.	50 \$ -	\$ 1.851.93 \$ -	\$ 3,511.05 \$ 33.093.56	
DEM ELIGIBLE COD TOTALO	¥ 40,000.00	¢ 21,404.00	• 10,010.00	• 10,400.00	• •••,••••••	• 100,400.00	\$ 10,002.11	φ 40,000.00	¢ 00.00	• 110.	• • • • • • •	• • • • • •	¢ 00.00	¢ 00.00	V 202.00	• 00.00	• 00.00	• 221.00	÷ 000.00	• 1,240140	• 1,00	•	10.00	1,04010	4,212.00	• 12,040140	¢ ¢	÷ V	1,000.00 \$ 0,020.	•••	• 1,001.00 •	• 00,000.00	
Non-DERF Eligible Expenses																												Total DERF Fligh	le Costs This Claim	\$ 12 3/5	13		
																										ş -				. <i>q</i> 12,343.	···		
Excess Bill Rate by \$10 per hour				-		1	¢	-	e	¢	e	¢	¢	e	¢	¢	¢	¢	e	¢	¢	¢	6	¢	¢	ş .	4						
INVOICE GRAND TOTAL							\$ 75,532.74	4	\$ 50.00	\$ 715.	.00 \$ 50.0	5 - 50.00	\$ 50.00	\$ 50.00	\$ 292.50	\$ 50.00	\$ 50.00	5 - 5 227.50	\$ 380.00	\$ 1,240.43	⇒ \$ 1,95	953.00 \$ 4	19.50 \$ 7	10.00 \$ 1,845.5	5 - 0 \$ 4,212.00	\$ 12,345.43	1						
							· · ·			-											1						-						
Check Numbers																																	

Site Name: <u>Dutch Cleaners</u> BRRTS #: 02-60-271527 Type of Action: Site Investigation / Interim RA

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



TABLE 1 FURTHER SITE INVESTIGATION COST ESTIMATE Former Dutch Cleaners Cedar Grove, WI

TASK	LABOR COSTS	SUB- CONTRACTOR COSTS	DIRECT COSTS	PHASE COST
	Phase 2a			
Work Scope Development	\$3,270	\$0	\$17	\$3,287
	Phase 2b			
Access	\$2,355	\$0	\$138	\$2,493
	Phase 2c			
Investigative Work	\$6,590	\$11,070	\$3,188	\$20,848
	Phase 2d			
Data Evaluation and Reporting	\$4,680	\$0	\$184	\$4,864
	Phase 2e			
Project Coordination & Management	\$2,920	\$0	\$5	\$2,925
TOTAL	\$19,815	\$11,070	\$3,533	\$34,417

SSDS Testing & Vapor Intrusion Assessments 6420 / Former Dutch Cleaners 11/10/2017



Phase	2a Work Scop	e Develop	ment			
Labor - Field	Drico	Unit	# Unite		Subtotal	Took Total
Principal	\$200.00	hr	" Cints		\$0.00	Tusk Total
Director	\$175.00	hr			\$0.00	
Sr Project Manager	\$155.00	hr			\$0.00	
Sr Professional	\$155.00	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	\$120.00	hr			\$0.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr			\$0.00	
Compliance Specialist					\$0.00	
Vapor Intrusion Specialist					\$0.00	
Health and Safety Specialist					\$0.00	
					\$0.00	
					\$0.00	\$0.00
Labor - Office/Reporting	Price	Unit	# Units		Subtotal	Task Total
Principal	\$200.00	hr			\$0.00	
Director	\$175.00	hr			\$0.00	
Sr Project Manager	\$155.00	hr			\$0.00	
Sr Professional	\$155.00	hr	18.0		\$2,790.00	
Project Manager	\$130.00	hr			\$0.00	
Project Professional	\$130.00	hr			\$0.00	
Staff Professional-Office	\$120.00	hr	4.0		\$480.00	
Staff Professional-Field	\$120.00	hr			\$0.00	
Field Professional	\$95.00	hr	L		\$0.00	
Dratting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr			\$0.00	
Compliance Specialist					\$0.00	
Vapor Intrusion Specialist			-		\$0.00	
Health and Safety Specialist		1			\$0.00	
		hr			\$0.00	\$2 270 00
					\$3,270.00	\$3,270.00
Contractors/Consultants	Price	Unit	# Unite	Morkup	Subtotal	Tack Total
Utility Leasts	Frice	Unit 1.S	# Units	1.00	\$0.00	Task Total
Driller		LS		1.00	\$0.00	
Surveyor		LS		1.00	\$0.00	
Waste Disposal		LS		1.00	\$0.00	
WDNR Review Fee		LS		1.00	\$0.00	
Remediation		LS		1.00	\$0.00	
Kennediation		25		1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	\$0.00
Contractor/Consultant - Laboratory	Price	Unit	# Units	Markun	Subtotal	
Soil VOC 8260 dry wt	\$71.93	ea	# Cints	1.00	\$0.00	
Soil VOC 8260 dry wt OA/OC	\$71.93	ea		1.00	\$0.00	
GW VOC 8260	\$71.93	ea	1	1.00	\$0,00	
GW VOC 8260 OA/OC	\$71.93	ea	1	1.00	\$0.00	
	-11.70	ea	1	1.00	\$0.00	
Air TO-15 Soil Gas			1			
Air TO-15 Soil Gas Air TO-15 Sub-Slab	\$40.00	ea		1.00	\$0.00	
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air	\$40.00 \$110.00	ea ea		1.00	\$0.00 \$0.00	
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification	\$40.00 \$110.00 \$50.00	ea ea ea		1.00 1.00 1.00	\$0.00 \$0.00 \$0.00	
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification	\$40.00 \$110.00 \$50.00 \$35.00	ea ea Ea LS		1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00	
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93	ea ea ES ea		1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%)	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93	ea ea LS ea		1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%)	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93	ea ea LS ea		1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs & 260 Level IV QA/QC (15%)	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93	ea ea LS ea		1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93 Price	ea ea LS ea Unit	# Units	1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93 Price \$120.00	ea ea LS ea Unit dav	# Units	1.00 1.00 1.00 1.00 1.00 Markup 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93 Price \$120.00 \$60.00	ea ea LS ea Unit day LS	# Units	1.00 1.00 1.00 1.00 1.00 Markup 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93 Price \$120.00 \$60.00	ea ea LS ea Unit day LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials WDNR File Conv	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93 Price \$120.00 \$60.00	ea ea LS ea Unit day LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00
Air TO-15 - Soil Gas Air TO-15 - Sub-Slab Air TO-15 - Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials WDNR File Copy	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93 Price \$120.00 \$60.00	ea ea LS ea Unit day LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials WDNR File Copy	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93 Price \$120.00 \$60.00	ea ea LS ea Unit day LS LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 Markup 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials WDNR File Copy	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93 Price \$120.00 \$60.00	ea ea LS ea Unit day LS LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials WDNR File Copy	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93 Price \$120.00 \$60.00	ea ea LS ea Unit day LS LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00
Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials WDNR File Copy	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93 Price \$120.00 \$60.00	ea ea LS ea Unit day LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00
Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials WDNR File Copy	\$40.00 \$110.00 \$50.00 \$35.00 \$71.93 Price \$120.00 \$60.00	ea ea LS ea Unit day LS LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00

	Direct Costs - Chargeable Equipment Expense	Rat	e (hr/unit)	# Hrs/Units	Rat	e (day/use)	# days/use	Subtotal
Vehial	Field Vehicle - Full Day Mileage at Federal IRS Reimbursement Pata (used only for	\$	20.00		\$	130.00		
v enicles	daily use over 230 miles)	\$	0.56					
	Air Velocity Meter (per use)	÷			\$	25.00		
	Multi-meter Conductivity/pH/Temp/TDS				\$	165.00		
	Dissolved Oxygen Meter				\$	40.00		
Meters	FID Foxboro/Sensidyne (TIP) Flow Calibrator	-			\$ \$	30.00		
	PID or 580 OVM				\$	120.00		
	Turbidity Meter				\$	30.00		
	ppb RAE				\$	175.00		
	ORP Meter	_			\$	30.00		
	Development Pump	-			\$	130.00		
	Electric Submersible Pump with Control Box (Units)				\$	130.00		
	Low-Flow Sampling Bladder	\$	12.00					
Pumps	Peristaltic Pump Pumping Test Accessory Equipment (Flow Maters/Manifold	¢	100.00		\$	105.00		
	Portable SVE Unit - 1.5 HP	φ	100.00		\$	155.00		
	Intrinsically Safe Vapor Evacuation Blower				\$	125.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and							
	Ashestos Sampling Kit				\$	270.00		
	Asbestos Sampling Kit Asbestos Investigation Supplies				⊅ \$	230.00		
	Asbestos Sampling Core	\$	2.50		Ť			
	Bailers (Disposable)	\$	10.00					
	Bailers (Non-Disposable)	¢	10.00		\$	15.00		
	Core Sampler	\$	10.00		\$	55.00		
	Data Logger with Transducer				\$	155.00		
	Well Caps	\$	30.00					
	Elec. Well Sounder (Probe)				\$	30.00		
	5035 Sample Kit	\$	16.00		\$	50.00		
	Field Book	\$	11.00					
	Filter - Large	\$	18.00					
	Filter - Small	\$	9.00		¢	105.00		
	Generator Hand Auger	_			\$	105.00		
	Helium QA/QC Kit	-			\$	265.00		
	Helium QA/QC Accessories	\$	20.00					
	Oil/Water Interface Probe				\$	105.00		
	Padlocks Steem Chener	\$	15.00		¢	120.00		
	Transducer (ea)	-			۹ \$	40.00		
Other	Coring Machine				\$	200.00		
Other	Rotary Hammer Drill				\$	170.00		
	Hand Drill	¢	1.50		\$	75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4 OD X 3/8 C Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" (۵ \$	1.30					
	Tubing (Bonded) - Polyethylene (Teflon) : 1/16" OD X 1/4"	\$	1.25					
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per f	\$	1.10					
	Tubing - Polyethylene: 1/4" OD (per foot)	\$	0.60					
	Tubing - Polyethylene: 1/2" OD (per foot) Tubing - Tygon: 3/8" STD (per foot)	\$	4 4 5					
	Tubing - Silicone: 3/8" STD (per foot)	\$	4.50					
	PFA Tubing - 1/2-inch ID	\$	5.00					
	55-Gallon Drum	\$	55.00					
	remporary Sampling Port Vanor Pin Suh-Slah Sampling Port	\$	25.00					
	Sub-Slab Cover (Stainless Steel)	\$	40.00					
	Well Cover 8X12"	\$	105.00					
	Measuring Wheel				\$	15.00		
	Camera	¢	20.00		\$	25.00		
	Radon Sample Kit	\$	30.00					
	HAZMAT Exemption Shipper	\$	40.00					
	Manometers	\$	105.00					
	Westlaw CAD/drafting/graphics	\$ ¢	105.00	-				
	Cones, Baracades & Traffic Signs	\$	90.00		\$	10.00		
	Gloves (Chemical Resistant)	\$	10.00		÷	10.00		
	Level "B": Level "C1" plus SCBA				\$	210.00		
Safety	Level "C1": Level "C2" plus Polycoat Suit				\$	85.00		
	Level "C2": Level "D" plus Respirator Standby SCBA	-			\$	40.00		
	Routine Field and Safety Equipment				\$	130.00		
	1 Inch Binder	\$	9.00					
	2 Inch Binder	\$	12.00					
	3 Inch Binder	\$ ¢	15.00	-				
Production	Binder Tabs (Set of 8)	۵ \$	5.00					
	Color Copies	\$	0.40	6				\$ 2.40
	B/W Copies	\$	0.25					
	Document - Format/Sending Peport CD Copy	\$ \$	15.00	1				\$ 15.00
	керон СБ Сору	Ψ	5.00					\$17.40
	DUACE	TC	TAT					
	гпазе	10	THL					

SSDS Testing & Vapor Intrusion Assessments 6420 / Former Dutch Cleaners 11/10/2017



Phase	e 2b Access					
Labor - Field	Price	Unit	# Units		Subtotal	Task
Principal	\$200.00	hr	01110		\$0.00	Iusk
Director	\$175.00	hr	1		\$0.00	
Sr Project Manager	\$155.00	hr	5.0		\$775.00	
Sr Professional	\$155.00	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	\$120.00	hr			\$0.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr			\$0.00	
Compliance Specialist	\$05.00	111			\$0.00	
Vapor Intrusion Specialist					\$0.00	
Health and Safety Specialist					\$0.00	
		hr			\$0.00	
	*				\$775.00	\$77
Labor Office/Departing	During	Ti:4	# Taste		Subtatal	Teel
Principal	\$200.00	br	# Units		Subtotal \$0.00	1 ask
Director	\$175.00	hr			\$0.00	
Sr Project Manager	\$155.00	hr	4.0		\$620.00	
Sr Professional	\$155.00	hr			\$0.00	
Project Manager	\$130.00	hr			\$0.00	
Project Professional	\$130.00	hr	İ		\$0.00	
Staff Professional-Office	\$120.00	hr	8.0		\$960.00	
Staff Professional-Field	\$120.00	hr			\$0.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr	ļ		\$0.00	
A duration	\$65.00	hr			\$0.00	
Admin					\$0.00	
Compliance Specialist					****	
Compliance Specialist Vapor Intrusion Specialist Usable and Sefere Specialist					\$0.00	
Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist		br			\$0.00 \$0.00 \$0.00	
Compliance Specialist Compliance Specialist Health and Safety Specialist Contractore/Consultants	Duine	hr	# 11-:4-	Madaun	\$0.00 \$0.00 \$0.00 \$1,580.00	\$1,5 Teal
Contractors/Consultants Utilty Locate Define Utilty Locate Define Utilty Locate Utilty	Price	hr Unit LS	# Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$ Subtotal \$0.00 \$0.00	\$1,5 Task
Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor	Price	hr Unit LS LS LS	# Units	Markup 1.00 1.00	\$0.00 \$0.00 \$1,580.00 \$ Subtotal \$0.00 \$0.00 \$0.00	\$1,5 Task
Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal	Price	hr Unit LS LS LS LS	# Units	Markup 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,5 Task
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee	Price	hr Unit LS LS LS LS LS LS	# Units	Markup 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,5 Task
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation	Price	hr Unit LS LS LS LS LS LS LS	# Units	Markup 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$1,580.00 \$ ubtotal \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,5 Task
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation	Price	hr Unit LS LS LS LS LS LS LS	# Units	Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$1,580.00 \$ Subtotal \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,5 Task
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation	Price	hr Unit LS LS LS LS LS LS	# Units	Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$1,580.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,5 Task
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation	Price	hr Unit LS LS LS LS LS LS LS LS	# Units	Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$1,580.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,5 Task
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation	Price	hr Unit LS LS LS LS LS LS LS	# Units	Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$1,580.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,5 Task
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation	Price	hr Unit LS LS LS LS LS LS LS	# Units	Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$1,580.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,5 Task
Contractor/Consultant - Laboratory Contractor/Consultant - Laboratory	Price	hr Unit LS LS LS LS LS LS LS US	# Units	Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	\$0.00 \$0.00 \$1,580.00 Subtotal \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Subtotal	\$1,5 Task
Contractor/Consultant - Laboratory Soil VOC 8260 dry wt	Price Price Price S71.93	hr Unit LS LS LS LS LS LS Unit ca	# Units	Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,5 Task
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC	Price Price Price Price S71.93 S71.93	hr Unit LS LS LS LS LS LS UNIT ea ea	# Units	Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,5 Task \$6
Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260	Price Price Price Price S71.93 S71.93 S71.93	hr Unit LS LS LS LS LS LS Unit ca ca ca	# Units	Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1,5 Task \$0
Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 GW VOC 826	Price Price Price Price S71.93 \$71.93 \$71.93	hr Unit LS LS LS LS LS LS Unit ea ea ea ea ea	# Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.00	\$1,5 Task
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt QW VOC 8260 dry wt Soil VOC 8260 dry wt	Price Price Price S71.93 S71.93 S71.93	hr Unit LS LS LS LS LS LS Unit ea ea ea ea ea ea ea	# Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.000 \$0.00 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.000 \$0.0000 \$0.00	\$1,5 Task \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 - Soil Gas Air TO-15 - Sub-Slab	Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S71.93	hr Unit LS LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea	# Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0	\$1,5 Task \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 QA/QC GW VOC 8260 GW TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Sub-Slab Air TO-15 Sub-Slab Air TO-15 Indoor Air	Price Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 Price S180.00	hr Unit LS LS LS LS LS LS Unit ea	# Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.000 \$0.000 \$0.000 \$0.0000\$00 \$0.0000 \$0.000\$0000\$000 \$0.000\$0000\$0000\$0000\$000\$	\$1,5 Task \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry w	Price Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S180.00 \$180.00 \$50.00 \$550	hr Unit LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.000 \$0.00 \$0.00 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.0000\$000 \$0.00000	\$1,5 Task \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 GW Add CC Air TO-15 - Soil Gas Air TO-15 - Indoor Air Air - Indivudual Certification	Price Price Price Price \$71.93	hr Unit LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units	Markup 1.00	\$0.00 \$0.00 \$0.00 \$1,580.00 Subtotal \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Subtotal \$0.00 Subtotal \$0.00 \$0.0	\$1,5 Task \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 GBW VQ C GW VOC 8260 GW VOC 8260 GW VOC 8260 GW VOC 8260 Gas Air TO-15 Sub-Slab Air TO-15 Sub-Slab Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Batch Certification Air - Batch Certification Trip Blank VOCs 8260	Price Price Price Price S71.93	hr Unit LS LS LS LS LS LS LS Unit ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.00	\$1,5 Task \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260	Price Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S75.00 S50.00 S50.00 S71.90 S75.00 S71.90 S75.00 S71.90 S75.00 S75.00 S71.90 S75.00	hr Unit LS LS LS LS LS LS LS LS CS CS CS CS CS CS CS CS CS CS CS CS CS	# Units # Units # Units # Units # Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$0.00	\$1,5 Task \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab	Price Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S75.00 S50.00 S75.00 S95.00	hr Unit LS LS LS LS LS LS LS LS CS LS CS CS CS CS CS CS CS CS CS CS CS CS CS	# Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$0.00	\$1.5 Task \$0 \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Batch Certification Trip Blank VOCs 8260	Price Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S180.00 S180.00 S50.00 S50.00 S71.93 S75.00 S95.00	hr Unit LS LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.00	\$1,5 Task \$0 \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Batch Certification Air - Batch Certification Trip Blank VOCs 8260 Direct Costs - Expenses Utility	Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S75.00 S50.00 S70.00 S70.00 S70.00 S95.00 Price	hr Unit LS LS LS LS LS LS LS LS LS LS	# Units # Units # Units # Units # Units # Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$0.00	\$1,5 Task \$0 \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 QA/QC GW VOC 8260 GW COC 8260 GA/QC Air TO-15 Soil Gas Air Bath Certification Trip Blank VOCs 8260 Direct Costs - Expenses Hotel	Price Price Price Price Price S71.93 Price Price S120.00 S120.00 S120.00 S120.00 Price Price S120.00 S1	hr Unit LS LS LS LS LS LS LS Unit ca	# Units	Markup 1.00	\$0.00 \$0.00 \$0.00 \$1,580.00 \$1,580.00 \$	\$1,5 Task \$0 \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry mt Soil VOC 8260 dry m	Price Price Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 Price S180.00 S50.00 S50.00 S50.00 S71.93 Price S120.00 S60.00 Price S120.00 S60.00	hr Unit LS LS LS LS LS LS LS Unit ea	# Units # Units # Units # Units # Units # Units	Markup 1.00	\$0.00 \$0.00 \$0.00 \$1,580.00 \$0.00	\$1,5 Task \$0 \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt OK 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air Indivudual Certification Air Batch Certification Trip Blank VOCs 8260 Direct Costs - Expenses Hotel Meals Misc Materials Euvinovant Panted	Price Price Price Price Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 Price S120.00 S60.00 S60.00 Price S120.00 Price P	hr Unit LS LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units	Markup 1.00	\$0.00 \$0.00 \$0.00 \$1,580.00 \$0.00	\$1,5 Task \$0 \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry mt Air TO-15 Sub-Slab Air TO-15 Sub-Slab Air TO-15 Sub-Slab Air To-15 Sub-Slab Air To-15 Sub-Slab Air To-15 Indoor Air Air - Batch Certification Trip Blank VOCs 8260 Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price Price Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S75.00 S50.00 S70.00 S70.00 S70.00 S75.00 S75.00 Price Price S120.00 S60.00 S	hr Unit LS LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.000 \$0.000 \$0.0000 \$0.0000\$0000\$00000\$00000000	\$1,5 Task \$0 \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S75.00 S50.00 S71.93 S75.00 S95.00 Price S120.00 S60.00 Price S120.00 S60.00	hr Unit LS LS LS LS LS LS LS LS LS LS	# Units	Markup 1.00	\$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.00	\$1,5 Task \$0 \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry mt Soil VOC 8260 dry m	Price Price Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S75.00 S50.00 S50.00 S71.93 S75.00 S95.00 Price S120.00 S60.00 Price S120.00 S60.00	hr Unit LS LS LS LS LS LS LS Unit ea ES ea ea ES ea ES LS	# Units	Markup 1.00	\$0.00 \$0.00 \$0.00 \$1,580.00 \$1,580.00 \$0.00	\$1,5 Task \$0 \$0
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry mt Soil VOC 8260 dry m	Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 Price S120.00 S50.00 S75.00 S95.00 Price S120.00 S60.00 Price S120.00 S60.00 S60.	hr Unit LS LS LS LS LS LS LS Unit ea	# Units	Markup 1.00	\$0.00 \$0.00 \$0.00 \$1,580.00 \$0.00	\$1,51 Task \$00 \$00
Admini Compliance Specialist Vapor Intrusion Specialist Health and Safety Specialist Contractors/Consultants Utility Locate Driller Surveyor Waste Disposal WDNR Review Fee Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 QA/QC Air TO-15 - Soil Gas Air TO-15 - Soil Gas Air TO-15 - Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Direct Costs - Expenses Hotel Meals Mise Materials Equipment Rental	Price Price Price Price Price Price S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 S71.93 Price S120.00 S60.00 S	hr Unit LS LS LS LS LS LS Unit ea	# Units	Markup 1.00	\$0.00 \$0.00 \$0.00 \$1,580.00 \$0.00	\$1,5 Task \$0 \$0

	Direct Costs - Chargeable Equipment Expense	Rate	(hr/unit)	# Hrs/Units	Rate	e (day/use)	# days/use	Subtotal	
	Field Vehicle - Full Day	\$	20.00		\$	130.00	\$ 1.00	\$ 130.00	
Vehicles	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)		0.5-						
	uany use over 250 miles)	\$	0.56		<u> </u>				
	Air Velocity Meter (per use)				\$	25.00			
	Multi-meter Conductivity/pH/Temp/TDS				\$	165.00			
	Dissolved Oxygen Meter	-			\$	40.00			
Motore	FID FOXDORO/SERSIDYRE (TIP)				\$	155.00		┢────┤	
Meters	Flow Calibrator				\$	30.00			
	PID of 580 OVM				\$ ¢	20.00			
	nurblaity Meter				¢ ¢	175.00		l	
	OPP Meter	-			\$ ¢	20.00		l	
	OKP Meler				э ¢	30.00			
	Air Pump - Low Flow (Barcad)				\$	25.00			
	Development Pump				\$	130.00			
	Electric Submersible Pump with Control Box (Units)	¢	12.00		\$	130.00			
	Low-Flow Sampling Bladder	\$	12.00		.	105.00		l	
Pumps	Peristaltic Pump	¢	100.00		\$	105.00			
	Pumping Test Accessory Equipment (Flow Meters/Manifold	. 3	100.00		¢	155.00			
	Portable SVE Unit - 1.5 HP				\$	155.00			
	Intrinsically Safe vapor Evacuation Blower Pneumatic Low-Flow Sampling Kit w/ Flow Cell and				\$	125.00			
	Multimeter				¢	270.00		1	
	Ashastas Sampling Vit	—			\$	270.00			
	Aspestos Sampling Kit	<u> </u>			\$	250.00			
	Asbestos Investigation Supplies				\$	130.00			
	Assessos Sampling Core	\$	2.50						
	Bailers (Disposable)	\$	10.00						
	Bailers (Non-Disposable)		10.63		\$	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			
Other	Coring Machine				\$	200.00			
Juici	Rotary Hammer Drill				\$	170.00			
	Hand Drill				\$	75.00			
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" C	\$	1.50						
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" O	\$	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 f	\$	1.10						
	Tubing - Polyethylene: 1/4" OD (per foot)	\$	0.60						
	Tubing - Polyethylene: 1/2" OD (per foot)	\$	0.85						
	Tubing - Tygon: 3/8" STD (per foot)	\$	4.45						
	Tubing - Silicone: 3/8" STD (per foot)	\$	4.50						
	PFA Tubing - 1/2-inch ID	\$	5.00						
	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						
	Radon Sample Kit	\$	30.00						
	HAZMAT Exemption Shipper	\$	40.00						
	Manometers	\$	105.00						
	Westlaw	\$	105.00						
	CAD/drafting/graphics	\$	90.00						
	Cones, Baracades & Traffic Signs				\$	10.00			
	Gloves (Chemical Resistant)	\$	10.00						
	Level "B": Level "C1" plus SCBA				\$	210.00			
Safety	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			
	1 Inch Binder	\$	9.00						
	2 Inch Binder	\$	12.00						
	3 Inch Binder	\$	15.00					├ ──┤	
	4 Inch Binder	\$	22.00					┢───┤	
Production	Binder Tabs (Set of 8)	\$	5.00						
- roudenoil	Color Copies	\$	0.40	21				\$ 8.40	
	B/W Conjes	\$	0.75					- 0.40	
	Document - Format/Sending	\$	15.00					┢───┤	
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	Report CD Copy	\$	5.00						
	Report CD Copy	\$	5.00					\$138.40	\$1

SSDS Testing & Vapor Intrusion Assessments 6420 / Former Dutch Cleaners 11/10/2017



Labor - Field	Price	Unit	# Units	Subtotal	Task Tota
Principal	\$200.00	hr		\$0.00	
Director	\$175.00	hr		\$0.00	
Sr Project Manager	\$155.00	hr		\$0.00	
Sr Professional	\$155.00	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	\$120.00	hr		\$0.00	
Field Professional	\$95.00	hr	44.0	\$4,180.00	
Drafting	\$85.00	hr		\$0.00	
Admin	\$65.00	hr		\$0.00	
Compliance Specialist				\$0.00	
Vapor Intrusion Specialist				\$0.00	
Health and Safety Specialist				\$0.00	
		hr		\$0.00	
-				\$4,180.00	\$4,180.00
Labor Office/Departing	n.t.	¥1	# TT- **-	6-14-4-1	m h. m t.
Labor - Office/Reporting	Price	Unit	# Units	Subtotal	Task Tota

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Principal	\$200.00	hr		\$0.00	
Director	\$175.00	hr		\$0.00	
Sr Project Manager	\$155.00	hr	6.0	\$930.00	
Sr Professional	\$155.00	hr		\$0.00	
Project Manager	\$130.00	hr		\$0.00	
Project Professional	\$130.00	hr		\$0.00	
Staff Professional-Office	\$120.00	hr	6.0	\$720.00	
Staff Professional-Field	\$120.00	hr		\$0.00	
Field Professional	\$95.00	hr	8.0	\$760.00	
Drafting	\$85.00	hr		\$0.00	
Admin	\$65.00	hr		\$0.00	
Compliance Specialist				\$0.00	
Vapor Intrusion Specialist				\$0.00	
Health and Safety Specialist				\$0.00	
		hr		\$0.00	
				\$2,410.00	\$2,410.00

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	
WDNR Review Fee		LS		1.00	\$0.00	
Remediation		LS		1.00	\$0.00	
VPS Advanced SSDS Diagnostics	\$3,000.00	LS	1.0	1.00	\$3,000.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
					\$3,000.00	\$3,000.00

Contractor/Consultant - Laboratory	Price	Unit	# Units	Markup	Subtotal	
Soil VOC 8260 dry wt	\$71.93	ea		1.00	\$0.00	
Soil VOC 8260 dry wt QA/QC	\$71.93	ea		1.00	\$0.00	
GW VOC 8260	\$71.93	ea	3.0	1.00	\$215.79	
GW VOC 8260 QA/QC	\$71.93	ea	1.0	1.00	\$71.93	
Air TO-15 Soil Gas		ea		1.00	\$0.00	
Air TO-15 Sub-Slab	\$180.00	ea	16.0	1.00	\$2,880.00	
Air TO-15 Indoor Air	\$180.00	ea	16.0	1.00	\$2,880.00	
Air - Indivudual Certification	\$50.00	ea	20.0	1.00	\$1,000.00	
Air - Batch Certification	\$50.00	LS	2.0	1.00	\$100.00	
Trip Blank VOCs 8260	\$71.93	ea	1.0	1.00	\$71.93	
NC 1111 1	\$425.00	00	2.0	1.00	\$850.00	
Microbial Analyses	\$425.00	ea	2.0	1.00	\$050.00	
Microbial Analyses	\$423.00	ea	2.0	1.00	\$0.00	
Microbial Analyses	\$423.00	ea	2.0	1.00	\$0.00	\$8,069.
Microbial Analyses	\$423.00	ea	2.0	1.00	\$0.00 \$8,069.65	\$8,069.
Microbial Analyses Direct Costs - Expenses	\$423.00 Price	ea Unit	# Units	1.00 1.00 Markup	\$0.00 \$0.00 \$8,069.65 Subtotal	\$8,069.
Microbial Analyses Direct Costs - Expenses Hotel	\$423.00 Price \$120.00	ea Unit day	# Units	1.00 1.00 Markup 1.00	\$0.00 \$0.00 \$8,069.65 Subtotal \$0.00	\$8,069.
Direct Costs - Expenses Hotel Meals	\$423.00 Price \$120.00 \$60.00	ea ea Unit day LS	# Units	1.00 1.00 Markup 1.00 1.00	\$0.00 \$8,069.65 Subtotal \$0.00 \$0.00	\$8,069.
Direct Costs - Expenses Hotel Meals Misc Materials	Price \$120.00 \$60.00	ea ea Unit day LS LS	# Units	1.00 1.00 1.00 1.00 1.00	\$0.00 \$8,069.65 Subtotal \$0.00 \$0.00 \$0.00	\$8,069.
Microbial Analyses Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$120.00 \$60.00	ea ea Unit day LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$8,069.65 Subtotal \$0.00 \$0.00 \$0.00 \$0.00	\$8,069.
Microbial Analyses Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$120.00 \$60.00	ea ea Unit day LS LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$8,069.65 Subtotal \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$8,069.
Microbial Analyses Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$120.00 \$60.00	ea ea Unit day LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$8,069.65 \$000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$8,069.
Microbial Analyses Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	\$423.00 Price \$120.00 \$60.00	ea ea Unit day LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00	Subtotal \$8,069.65 Subtotal \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$8,069.
Microbial Analyses Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	\$423.00 Price \$120.00 \$60.00	ea ea Unit day LS LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00	Subtotal \$8,069.65 Subtotal \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$8,069.
Microbial Analyses Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$120.00 \$60.00	ea ea Unit day LS LS LS	# Units	1.00 1.00 Markup 1.00 1.00 1.00 1.00	Subtat \$0.00 \$8,069.65 Subtat \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$8,069.

	Direct Costs - Chargeable Equipment Expense	Rat	e (hr/unit)	# Hrs/Units	Rat	e (day/use)	# days/use	S	ubtotal
Vehicles	Held Vehicle - Full Day Mileage at Federal IRS Reimbursement Rate (used only for	\$	20.00		\$	130.00	4.00	\$	520.00
• emercs	daily use over 230 miles)	\$	0.56						
	Air Velocity Meter (per use)				\$	25.00			
	Multi-meter Conductivity/pH/Temp/TDS				\$	165.00	1.00	\$	165.00
	Dissolved Oxygen Meter FID Foxboro/Sensidyne (TIP)	_			\$ ¢	40.00			
Meters	Flow Calibrator				\$	30.00		-	
	PID or 580 OVM				\$	120.00			
	Turbidity Meter				\$	30.00			
	ppb RAE				\$	175.00	2.00	\$	350.00
	Air Pump - Low Flow (Barcad)	_			۵ ۶	25.00			
	Development Pump				\$	130.00			
	Electric Submersible Pump with Control Box (Units)				\$	130.00			
	Low-Flow Sampling Bladder	\$	12.00				1.00		
Pumps	Peristaltic Pump Pumping Test Accessory Equipment (Elow Meters/Manifold	\$	100.00		\$	105.00	4.00	\$	420.00
	Portable SVE Unit - 1.5 HP	Ψ	100.00		\$	155.00			
	Intrinsically Safe Vapor Evacuation Blower				\$	125.00			
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter								
	Ashestos Sampling Kit	_			\$	270.00			
	Asbestos Bamphing Kit Asbestos Investigation Supplies				\$	130.00			
	Asbestos Sampling Core	\$	2.50					L	
	Bailers (Disposable)	\$	10.00						
	Bailers (Non-Disposable)	¢	10.00		\$	15.00			
	Core Sampler	\$	10.00		\$	55.00		-	
	Data Logger with Transducer				\$	155.00			
	Well Caps	\$	30.00						
	Elec. Well Sounder (Probe)				\$	30.00	\$ 1.00	\$	30.00
	5035 Sample Kit	\$	16.00		\$	50.00		-	
	Field Book	\$	11.00					-	
	Filter - Large	\$	18.00						
	Filter - Small	\$	9.00		¢	105.00			
	Generator Hand Auger				\$	30.00			
	Helium QA/QC Kit				\$	265.00			
	Helium QA/QC Accessories	\$	20.00						
	Oil/Water Interface Probe				\$	105.00			
	Padlocks Steem Cleaner	\$	15.00		¢	120.00			
	Transducer (ea)	_			\$	40.00			
Other	Coring Machine				\$	200.00			
Other	Rotary Hammer Drill				\$	170.00	2.00	\$	340.00
	Hand Drill	¢	1.50		\$	75.00			
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" (Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" (\$	1.50		_				
	Tubing (Bonded) - Polyethylene (Teflon): 1/16" OD X 1/4" Tubing (Bonded) - Polyethylene (Teflon): 1/16" OD X 1/4"	\$	1.25						
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per f	\$	1.10						
	Tubing - Polyethylene: 1/4" OD (per foot)	\$	0.60	<i>co. oc</i>				¢	51.00
	Tubing - Polyethylene: 1/2" OD (per foot) Tubing - Tygon: 3/8" STD (per foot)	\$	0.85	60.00				\$	51.00
	Tubing - Silicone: 3/8" STD (per foot)	\$	4.50	18.00				\$	81.00
	PFA Tubing - 1/2-inch ID	\$	5.00						
	55-Gallon Drum	\$	55.00						
	remporary Sampling Port	\$	25.00	8.00				\$	600.00
	Sub-Slab Cover (Stainless Steel)	\$	40.00	8.00				\$	320.00
	Well Cover 8X12"	\$	105.00					Ĺ	
	Measuring Wheel				\$	15.00	1.00	\$	15.00
	Camera	¢	20.00		\$	25.00	\$ 1.00	\$	25.00
	Radon Sample Kit	۵ ۶	20.00					-	
	HAZMAT Exemption Shipper	\$	40.00						
	Manometers	\$	105.00						
	Westlaw CAD/drafting/graphia	\$	105.00						
	CAD/drarting/graphics Cones Baracades & Traffic Signs	\$	90.00		\$	10.00		-	
	Gloves (Chemical Resistant)	\$	10.00		\$	10.00			
	Level "B": Level "C1" plus SCBA				\$	210.00		L	
Safety	Level "C1": Level "C2" plus Polycoat Suit				\$	85.00			
	Level "C2": Level "D" plus Respirator				\$	40.00		—	
	Standoy SCBA Routine Field and Safety Equipment				\$	130.00	2.00	\$	260.00
	1 Inch Binder	\$	9.00		÷		2.00	*	- 30.00
	2 Inch Binder	\$	12.00						
	3 Inch Binder	\$	15.00						
Product-	4 Inch Binder Binder Tabs (Set of 8)	\$ ¢	22.00	-				-	
rouuction	Color Copies	.⊅ \$	0.40	28				\$	11.20
	B/W Copies	\$	0.25					-	
	Document - Format/Sending	\$	15.00						
	Report CD Copy	\$	5.00					00	100 20
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SSDS Testing & Vapor Intrusion Assessments 6420 / Former Dutch Cleaners 11/10/2017



Phase	2d Data Eval	ation and	Reporting			
Labor - Field	Price	Unit	# Units		Subtotal	Task T
Principal	\$200.00	br	# Units		\$0.00	1 45K 1
Director	\$175.00	hr			\$0.00	
Sr Project Manager	\$155.00	hr			\$0.00	
Sr Professional	\$155.00	hr			\$0.00	
Project Manager	\$130.00	hr			\$0.00	
Project Professional	\$130.00	hr			\$0.00	
Staff Professional Office	\$130.00	lii hr			\$0.00	
Staff Professional Field	\$120.00	lii hr			\$0.00	
Stall Professional	\$120.00	nr ha			\$0.00	
Piela Professional	\$95.00	nr 1			\$0.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr			\$0.00	
Compliance Specialist					\$0.00	
Vapor Intrusion Specialist					\$0.00	
Health and Safety Specialist					\$0.00	
		hr			\$0.00	
					\$0.00	\$0.0
Labor - Office/Reporting	Drico	Unit	# Unite		Subtotal	Tock
Principal	\$200.00	br	# Units		Subtotal \$0.00	Task
Director	\$175.00	hr	1		\$0.00	
Sr Project Manager	\$155.00	hr	80		\$1.240.00	
Sr Professional	\$155.00	iii br	0.0		\$0.00	
Droject Manager	\$133.00	ill br			\$0.00	
Project Wanager	\$130.00	nr	1		\$0.00	
	\$130.00	nr	15.0		\$0.00	
Starr Professional-Office	\$120.00	hr	16.0		\$1,920.00	
Statt Professional-Field	\$120.00	hr			\$0.00	
Field Professional	\$95.00	hr	6.0		\$570.00	
Drafting	\$85.00	hr	6.0		\$510.00	
Admin	\$65.00	hr	2.0		\$130.00	
Compliance Specialist					\$0.00	
Vapor Intrusion Specialist	\$155.00	hr	2.0		\$310.00	
Health and Safety Specialist					\$0.00	
		hr			\$0.00	
					\$4,680.00	\$4,68
C		¥7. 1.			6 14 4 1	
Contractors/Consultants	Price	Unit	# Units	Markup	Subtotal	Task
Utility Locate		LS		1.00	\$0.00	
Driller		LS		1.00	\$0.00	
Surveyor		LS		1.00	\$0.00	
Waste Disposal		LS		1.00		
		10			\$0.00	
Historical Database Report		LS		1.00	\$0.00 \$0.00	
Historical Database Report Remediation		LS LS		1.00 1.00	\$0.00 \$0.00 \$0.00	
Historical Database Report Remediation		LS LS		1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00	
Historical Database Report Remediation		LS LS LS		1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Historical Database Report Remediation		LS LS		1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Historical Database Report Remediation		LS LS		1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Historical Database Report Remediation		LS LS		$ \begin{array}{r} 1.00 \\ 1$	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0
Historical Database Report Remediation Contractor/Consultant Laboratory	Prize			1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt	Price \$71.93	LS LS Unit ea	# Units	1.00 1.00 1.00 1.00 1.00 1.00 Markup 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$ubtotal \$0.00	\$0.0
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt OA/OC	Price \$71.93 \$71.93	LS LS Unit ea	# Units	1.00 1.00 1.00 1.00 1.00 1.00 Markup 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry w	Price \$71.93 \$71.93 \$210.00	LS LS Unit ca ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 Markup 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 Q GW V GW VOC 8260 Q GW V	Price \$71.93 \$71.93 \$210.00 \$71.02	LS LS Unit ea ea ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0. (
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO 15 Soil Gar	Price \$71.93 \$71.93 \$210.00 \$71.93	LS LS Unit ca ca ca ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas	Price \$71.93 \$71.93 \$210.00 \$71.93	Unit ea ea ea ea ea	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0. 6
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt GW VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO-15 Sub-Slab Air TO-15 Sub-Slab	Price \$71.93 \$71.93 \$210.00 \$71.93 \$40.00	Unit ca ca ca ca ca ca ca ca ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ 0. 0
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 GW TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Soil-Slab Air TO-15 Indoor Air	Price \$71.93 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$10.00 \$10.00	Unit ca ca ca ca ca ca ca ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0. (
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification	Price \$71.93 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$200.00 \$200.00	Unit CS CS CS CS CS CS CS CS CS CS CS CS CS	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.000 \$0.00 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.000000	\$ 0. 6
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 GW VOC 8260 GW VOC 8260 GW VOC 8260 Air TO-15 Soil Gas Air TO-15 Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Air - Batch Certification Air - Batch Certification Air - Batch Certification	Price \$71.93 \$71.93 \$210.00 \$71.93 \$20.00 \$110.00 \$110.00 \$35.00 \$35.00	Unit ea ea ea ea ea ea ea ea ea	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.000	\$ 0. 6
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Indivudual Certification Air - Indivudual Certification Trip Blank VOCs 8260	Price \$71.93 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$35.00 \$50.00	Unit ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.000	\$0.¢
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Soil-Slab Air TO-15 Indivodual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%)	Price \$71.93 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$35.00 \$35.00 \$50.00 \$71.93	Unit ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00	\$0.6
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air T0-15 Soil Gas Air T0-15 Soil Gas Air T0-15 Soil-Slab Air T0-15 Indivudu Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%)	Price \$71.93 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$200.00 \$35.00 \$35.00 \$71.93	Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$000 \$0.0000\$000\$	\$0.6 \$0.6
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Soil-Slab Air TO-15 Soil-Slab Air TO-15 Indivodual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses	Price \$71.93 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$200.00 \$35.00 \$35.00 \$50.00 \$71.93	Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units	1.00 1.00	\$0.00 \$0.00	\$0.0 \$0.0
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel	Price \$71.93 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$200.00 \$50.00 \$550.00 \$71.93 Price \$120.00	Unit Ca ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units	1.00 1.00	\$0.00 \$0.00	\$0.6 \$0.6
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals	Price \$71.93 \$71.93 \$210.00 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$200.00 \$35.00 \$50.00 \$50.00 \$71.93 Price \$120.00 \$60.00	Unit ea ea ea ea ea ea ea ea ea ea ea ES ea Unit day IS	# Units	1.00 1.00	\$0.00 \$0.00	\$0.0 \$0.0
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt GW VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO-15 Sub-Slab Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials	Price \$71.93 \$71.93 \$210.00 \$71.93 \$200.00 \$110.00 \$200.00 \$55.00 \$55.00 \$71.93 Price \$120.00 \$60.00	Unit Ca ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units	1.00 1.00	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$00 \$0.0000 \$0.0000 \$0.0000\$0000 \$0.0000\$0000\$0000\$0000	\$0.0 \$0.0
Historical Database Report Remediation Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Soil-Slab Air TO-15 Indoro Air Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%)	Price \$71.93 \$71.93 \$210.00 \$71.93 \$200.00 \$110.00 \$200.00 \$35.00 \$71.93 Price \$120.00 \$60.00	LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units	1.00 1.00	\$0.00 \$0.000 \$0.00 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000\$0 \$0.000 \$0.000 \$0.0000\$0 \$0.0000\$000\$	\$0.0 \$0.0
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Sol-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$71.93 \$71.93 \$210.00 \$71.93 \$200.00 \$110.00 \$200.00 \$50.00 \$71.93 Price \$120.00 \$60.00	Unit ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units # Units # Units # Units # Units	1.00 1.00	\$0.00 \$0.000 \$0.00 \$0.00 \$0.0000\$000 \$0.0000\$0000\$0000\$0000\$0000\$0000\$0000\$0000\$0000	\$0.0 \$0.0
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$71.93 \$210.00 \$71.93 \$210.00 \$71.93 \$200.00 \$35.00 \$50.00 \$50.00 \$71.93 Price \$120.00 \$60.00	LS LS LS Unit ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units # Units # Units # Units # Units	1.00 1.00	\$0.00 \$0.00	\$0.0 \$0.0
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO-15 Sub-Slab Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$71.93 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$200.00 \$35.00 \$55.00 \$71.93 Price \$120.00 \$60.00	Unit ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units # Units # Units # Units # Units	1.00 1	\$0.00 \$0.00	\$0.0 \$0.0
Historical Database Report Remediation Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Soil-Slab Air TO-15 Indoro Air Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%)	Price \$71.93 \$71.93 \$210.00 \$71.93 \$200.00 \$110.00 \$200.00 \$35.00 \$71.93 Price \$120.00 \$60.00	Unit ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units # Units # Units # Units # Units # Units	1.00 1.00	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0	\$0.0 \$0.0
Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$71.93 \$210.00 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$200.00 \$35.00 \$50.00 \$50.00 \$50.00 \$50.00 \$120.00 \$60.00	LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ES ea LS ea LS ES LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000 \$0.0000 \$0.00000 \$0.0000 \$0.000000	\$0.0 \$0.0

	Direct Costs - Chargeable Equipment Expense	Ra	ate (hr/unit	t)	# Hrs/Units	Rat	te (day/use)	# days/use	Subtotal	
	Field Vehicle - Full Day	\$	20.00	0		\$	130.00			
Vehicles	daily use over 230 miles)	¢	0.50							
	Air Velocity Meter (per use)	\$	0.560	U		¢	25.00			
	Multi-meter Conductivity/nH/Temp/TDS					\$	165.00			
	Dissolved Oxygen Meter					\$	40.00			
	FID Foxboro/Sensidyne (TIP)					\$	155.00			
Meters	Flow Calibrator					\$	30.00			
	PID or 580 OVM					\$	120.00			
	Turbidity Meter			_		\$	30.00			
	ppb RAE OPP Matar			+		\$	175.00			
	Air Pump - Low Flow (Barcad)			+		۹ ۶	25.00			
	Development Pump			+		\$	130.00			
	Electric Submersible Pump with Control Box (Units)					\$	130.00			
	Low-Flow Sampling Bladder	\$	12.00	0						
Pumps	Peristaltic Pump					\$	105.00			
1 unps	Pumping Test Accessory Equipment (Flow Meters/Manifold	\$	100.00	0						
	Portable SVE Unit - 1.5 HP			_		\$	155.00			
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and			+		э	155.00			
	Multimeter					\$	270.00			
	Asbestos Sampling Kit					\$	250.00			
	Asbestos Investigation Supplies					\$	130.00			
	Asbestos Sampling Core	\$	2.50	0						
	Bailers (Disposable)	\$	10.00	0						
	Bailers (Non-Disposable)	¢	10.0			\$	15.00			
	Core Sampler	\$	10.00	U		\$	55.00			
	Data Logger with Transducer		_			\$	155.00			
	Well Caps	\$	30.00	0		-				
	Elec. Well Sounder (Probe)					\$	30.00			
	Metal Detector					\$	50.00			
	5035 Sample Kit	\$ ©	16.00	0						
	Field Book	\$	11.00	U						
	Filter - Large	s s	18.00	0						
	Generator	φ	9.00	0		\$	105.00			
	Hand Auger					\$	30.00			
	Helium QA/QC Kit					\$	265.00			
	Helium QA/QC Accessories	\$	20.00	0						
	Oil/Water Interface Probe	*	1.5.5			\$	105.00			
	Padiocks Steam Cleaner	\$	15.00	U		¢	120.00			
	Transducer (ea)					\$	40.00			
0.1	Coring Machine					\$	200.00			
Other	Rotary Hammer Drill					\$	170.00			
	Hand Drill					\$	75.00			
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" C	Ĺ	\$1.50	0						
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" O	<u> </u>	\$1.20	0						
	Tubing (Bonded) - Polyethylene (Tetlon): 1/16" OD X 1/4" Tubing (Bonded) - Polyethylene: 1/4" OD X 2/8" OD (-	\$1.25	0						
	Tubing - Polyethylene: 1/4" OD (per foot)	-	\$1.10	0						
	Tubing - Polyethylene: 1/2" OD (per foot)		\$0.8	5						
	Tubing - Tygon: 3/8" STD (per foot)	L	\$4.4	5						
	Tubing - Silicone: 3/8" STD (per foot)		\$4.50	0						
	PFA Tubing - 1/2-inch ID	Ĺ	\$5.00	0						
	55-Gallon Drum	\$	55.00	0						
	Soil Gas Sampling Port	\$ ¢	25.00	0						
	Sub-Slab Cover (Staipless Steel)	\$ \$	40.00	0						
	Well Cover 8X12"	\$	105.00	0						
	Measuring Wheel					\$	15.00			
	Camera					\$	25.00			
	1L Tedlar Bag	\$	20.00	0						
	Radon Sampling Kit	\$	30.00	0						
	naziviA i Exemption Shipper Manometers	\$	40.00	0						
	Westlaw	-	\$105.00	0						
	CAD/drafting/graphics	F	\$90.00	0						
	Cones, Baracades & Traffic Signs					\$	10.00			
	Gloves (Chemical Resistant)	\$	10.00	0						
	Level "B": Level "C1" plus SCBA					\$	210.00			
Safety	Level "C1": Level "C2" plus Polycoat Suit					\$	85.00			
	Level 1027: Level 1017 plus Respirator					\$	40.00			
	Routine Field and Safety Equipment			+		۵ \$	130.00		\$130.00	
	1 Inch Binder	\$	9.00	0						
	2 Inch Binder	\$	12.00	0						
	3 Inch Binder	\$	15.00	0						
_	4 Inch Binder	\$	22.00	0						
Production	Binder Tabs (Set of 8)	\$	5.00	0	<i>c</i> 0				#0100	
	Color Copies PAW Copies	\$ ¢	0.40	5	60				\$24.00	
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	Report CD Copy	\$	5.00	0					<i>\$20.00</i>	
	· · · · · · · · · · · · · · · · · · ·			_		_			\$184.00	\$184.00
	PHASE	T	OTAI							\$4,864.00
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SSDS Testing & Vapor Intrusion Assessments 6420 / Former Dutch Cleaners 11/10/2017



Labor Field	n :	¥7.**	# * *		0.1	
Labor - Field	Price	Unit	# Units		Subtotal	Task
Principal	\$200.00	hr			\$0.00	
Director	\$175.00	hr			\$0.00	
Sr Project Manager	\$155.00	hr			\$0.00	
Sr Protessional	\$155.00	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	\$120.00	hr			\$0.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	nr			\$0.00	
					\$0.00	
vapor intrusion Specialist					\$0.00	
Health and Safety Specialist		1			\$0.00	
		nr			\$0.00	¢
					30.00	φ
I - h Off /D ti		** **				
Labor - Office/Reporting	Price	Unit	# Units		Subtotal	Tas
Principal	\$200.00	hr			\$0.00	
Director	\$175.00	hr	1.0		\$175.00	
Sr Project Manager	\$155.00	hr	8.0		\$1,240.00	
Sr Protessional	\$155.00	hr	ļ		\$0.00	
Project Manager	\$130.00	hr			\$0.00	
Project Professional	\$130.00	hr			\$0.00	
Staff Professional-Office	\$120.00	hr	12.0		\$1,440.00	
Staff Professional-Field	\$120.00	hr			\$0.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr	1.0		\$65.00	
Compliance Specialist					\$0.00	
Vapor Intrusion Specialist					\$0.00	
Health and Safety Specialist					\$0.00	
		hr			\$0.00	
Contractors/Consultants	Price	Unit	# Units	Markup	Subtotal	Tas
Utility Locate		LS		1.00	\$0.00	
Driller		IC				
		Lo		1.00	\$0.00	
Surveyor		LS		1.00 1.00	\$0.00 \$0.00	
Surveyor Waste Disposal		LS LS		1.00 1.00 1.00	\$0.00 \$0.00 \$0.00	
Surveyor Waste Disposal Historical Database Report		LS LS LS		1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00	
Surveyor Waste Disposal Historical Database Report Remediation		LS LS LS LS LS		1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Surveyor Waste Disposal Historical Database Report Remediation		LS LS LS LS LS		1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Surveyor Waste Disposal Historical Database Report Remediation		LS LS LS LS		1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Surveyor Waste Disposal Historical Database Report Remediation		LS LS LS LS		1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Surveyor Waste Disposal Historical Database Report Remediation		LS LS LS LS		$ \begin{array}{r} 1.00 \\ 1$	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
Surveyor Waste Disposal Historical Database Report Remediation		LS LS LS LS LS		1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory	Price	LS LS LS LS LS Unit	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt	Price \$71.93	LS LS LS LS LS Unit ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 Markup 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC	Price \$71.93 \$71.93	LS LS LS LS LS Unit ea ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260	Price \$71.93 \$71.93 \$210.00	LS LS LS LS LS Unit ca ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 Markup 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 QA/QC	Price \$71.93 \$71.93 \$210.00 \$71.93	LS LS LS LS LS Unit ca ca ca ca ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 Markup 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas	Price \$71.93 \$71.93 \$210.00 \$71.93	LS LS LS LS LS LS Unit ca ca ca ca ca ca ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Sab	Price \$71.93 \$71.93 \$210.00 \$71.93 \$240.00	LS LS LS LS LS LS Unit ea ea ea ea ea ea ea	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO-15 - Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air	Price \$71.93 \$71.93 \$210.00 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00	LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00	\$0
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO-15 - Soil Gas Air TO-15 - Soil Gas Air TO-15 - Indoor Air Air - Indivadual Certification	Price \$71.93 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$210.00	LS LS LS LS LS LS Unit ca ca ca ca ca ca ca ca ca ca ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0	\$0
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Soil Cas Air TO-15 Indoor Air Air - Batch Certification Air - Batch Certification	Price \$71.93 \$71.93 \$210.00 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$110.00 \$200.000 \$35.00	LS LS LS LS LS LS Unit ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units	1.00 1.00	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0	\$6
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Indivudual Certification Certific	Price \$71.93 \$71.93 \$210.00 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$35.00 \$35.00	LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units	1.00 1.00	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0	\$1
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Air - Batch Certification Trip Blank VOC 8260 Level IV OA/OC (15%)	Price \$71.93 \$71.93 \$210.00 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$110.00 \$200.00 \$35.00 \$50.00 \$50.00	LS LS LS LS LS Unit ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units	1.00 1.00	\$0.00 \$0.000 \$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.000	\$1
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%)	Price \$71.93 \$71.93 \$210.00 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$200.00 \$35.00 \$35.00 \$50.00 \$71.93	LS LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units	1.00 1.00	\$0.00 \$0.00	\$(\$(
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%)	Price \$71.93 \$71.93 \$71.93 \$20.00 \$71.93 \$40.00 \$110.00 \$200.00 \$35.00 \$50.00 \$71.93	LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units	1.00 1.00	\$0.00 \$0.00	\$I \$I
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Sub-Slab Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses	Price \$71.93 \$71.93 \$71.93 \$71.93 \$20.00 \$71.93 \$20.00 \$110.00 \$200.00 \$35.00 \$50.00 \$71.93 Price Price \$120.00 \$110.00 \$200.00 \$35.00	LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units	1.00 1.00	\$0.00 \$0.00	\$1 \$1
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Hotel	Price \$71.93 \$71.93 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$35.00 \$35.00 \$50.00 \$71.93 Price \$120.00 \$120.00 \$20.00	LS LS LS LS LS LS LS LS ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units	1.00 1.00	\$0.00 \$0.00	\$0 \$1
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals	Price \$71.93 \$71.93 \$71.93 \$210.00 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$200.00 \$35.00 \$51.00 \$71.93 Price \$120.00 \$60.00	LS LS LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units # Units # Units # Units # Units # Units	1.00 1.00	\$0.00 \$0.000 \$0.000 \$0.000 \$0.000 \$0.000 \$0.0000 \$0.0000\$0000 \$0.0000\$00	\$1 \$1
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 Qry wt QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Batch Certification Air - Batch Certification Trip Blank VOC 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials	Price \$71.93 \$71.93 \$71.93 \$210.00 \$71.93 \$200.00 \$110.00 \$35.00 \$35.00 \$50.00 \$71.93 Price \$120.00 \$60.00	LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea ea	# Units # Units # Units # Units	1.00 1.00	\$0.00 \$0.00	\$1 \$1
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$71.93 \$71.93 \$210.00 \$71.93 \$210.00 \$110.00 \$200.00 \$35.00 \$50.00 \$71.93 Price \$120.00 \$60.00 \$	LS LS LS LS LS LS LS Unit day LS LS LS LS	# Units # Units # Units # Units # Units	1.00 1.00	\$0.00 \$0.00	\$I \$I
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Indivudual Certification Air - Indivudual Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$71.93 \$71.93 \$210.00 \$71.93 \$110.00 \$40.00 \$110.00 \$200.00 \$35.00 \$51.00 \$51.00 \$50.00 \$71.93	LS LS LS LS LS LS LS Unit ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units # Units # Units # Units # Units	1.00 1.00	\$0.00 \$0.00	\$4 \$4
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Tirp Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$71.93 \$71.93 \$210.00 \$71.93 \$210.00 \$71.93 \$40.00 \$110.00 \$35.00 \$35.00 \$35.00 \$71.93 Price \$120.00 \$60.00	LS LS LS LS LS LS LS Unit ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00	SI SI
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOC 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$71.93 \$71.93 \$71.93 \$71.93 \$20.00 \$71.93 \$40.00 \$110.00 \$200.00 \$35.00 \$50.00 \$50.00 \$50.00 \$51.00 \$50.00 \$	LS LS LS LS LS LS Unit ea ea ea ea ea ea ea ea ea ea ea ea Ea ES LS LS LS LS LS LS LS LS LS LS LS LS LS	# Units # Units # Units # Units # Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00	\$1 \$6
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt Soil VOC 8260 QA/QC GW VOC 8260 QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Indivudual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$71.93 \$71.93 \$210.00 \$71.93 \$210.00 \$110.00 \$200.00 \$35.00 \$50.00 \$71.93 Price \$120.00 \$60.00	LS LS LS LS LS LS LS Unit day LS LS LS	# Units	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00	\$I \$I
Surveyor Waste Disposal Historical Database Report Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 dry wt QA/QC GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Soil-Slab Air TO-15 Indoor Air Air - Indivudual Crification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental	Price \$71.93 \$71.93 \$71.93 \$71.93 \$10.00 \$71.93 \$110.00 \$200.00 \$35.00 \$57.93 Price \$120.00 \$60.00 \$120.00 \$60.00	LS LS LS LS LS LS LS LS Ca ca ca ca ca ca ca ca ca ca ca ca ca ca	# Units # Unit	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	\$0.00 \$0.00	\$

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
¥7.11.1	Field Vehicle - Full Day	\$ 20.00)	\$ 130.00		l
Vehicles	daily use over 230 miles)	\$ 0.56	<u>,</u>			
	Air Velocity Meter (per use)	φ 0.360	·	\$ 25.00		
	Multi-meter Conductivity/pH/Temp/TDS			\$ 165.00		
	Dissolved Oxygen Meter			\$ 40.00		1
	FID Foxboro/Sensidyne (TIP)			\$ 155.00		
Meters	Flow Calibrator			\$ 30.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE OPP Mater		_	\$ 175.00		
	Air Pump Low Flow (Barcad)			\$ 50.00		
	Development Pump		-	\$ 130.00		
	Electric Submersible Pump with Control Box (Units)			\$ 130.00		
	Low-Flow Sampling Bladder	\$ 12.00)	,		
Dummer	Peristaltic Pump			\$ 105.00		
Pumps	Pumping Test Accessory Equipment (Flow Meters/Manifold	\$ 100.00)			
	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Intrinsically Safe Vapor Evacuation Blower		_	\$ 155.00		
	Multimeter			¢ 070.00		
	Ashestos Sampling Kit			\$ 270.00		
	Asbestos Investigation Supplies			\$ 250.00 \$ 130.00		
	Asbestos Sampling Core	\$ 250)	\$ 150.00		
	Bailers (Disposable)	\$ 10.00)			l
	Bailers (Non-Disposable)	- 10.00		\$ 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		ļ
	Metal Detector 5025 Sample Vit	\$ 16.00		\$ 50.00		
	Field Book	\$ 16.00	, 			
	Filter - Large	\$ 18.00	,)			
	Filter - Small	\$ 9.00)			l
	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)	¢ 120.00		
	Steam Cleaner		_	\$ 130.00		
	Coring Machine			\$ 200.00		
Other	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" C	\$1.50)			
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" O	\$1.20)			
	Tubing (Bonded) - Polyethylene (Teflon): 1/16" OD X 1/4"	\$1.2	i			
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per f	\$1.10)			
	Tubing - Polyethylene: 1/4" OD (per foot)	\$0.60)			ļ
	Tubing - Polyethylene: 1/2" OD (per foot)	\$0.8	2			l
	Tubing - Tygon: 5/8 STD (per foot)	\$4.4	<u></u>			
	PFA Tubing - 1/2-inch ID	\$4.50	,)			
	55-Gallon Drum	\$ 55.00)			l
	Temporary Sampling Port	\$ 25.00)			
	Soil Gas Sampling Port	\$ 75.00)			
	Sub-Slab Cover (Stainless Steel)	\$ 40.00)			
	Well Cover 8X12"	\$ 105.00)			
	Measuring Wheel			\$ 15.00		ļ
	Camera	¢		\$ 25.00		
	IL rediar Bag	\$ 20.00	,			l
	HAZMAT Exemption Shipper	\$ 50.00)			l
	Manometers	\$105.00)			
	Westlaw	\$105.00)			l
	CAD/drafting/graphics	\$90.00)	1		t in the second s
	Cones, Baracades & Traffic Signs			\$ 10.00		
	Gloves (Chemical Resistant)	\$ 10.00)			
	Level "B": Level "C1" plus SCBA			\$ 210.00		
Safety	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		L
	Standby SUBA Poutine Field and Safety Equipment			\$ 130.00		
	1 Jush Dindor	\$ 0.00		φ 130.00		
	2 Inch Binder	\$ 9.00 \$ 12.00	,			l
	3 Inch Binder	\$ 15.00)			
	4 Inch Binder	\$ 22.00)	1		1
Production	Binder Tabs (Set of 8)	\$ 5.00)	1		t in the second s
	Color Copies	\$ 0.40	12			\$4.80
	B/W Copies	\$ 0.2	i			
	Document - Format/Sending	\$ 15.00)			
	Report CD Copy	\$ 5.00)			
						\$4.80
	PHASE	TOTAL	,			