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MAR 25 2019

DNR R & R
SOUTH CENTRAL REGION

March 18, 2019

Jeff Ackerman
Wisconsin Department of Natural Resources
3911 Fish Hatchery Rd
Fitchburg, Wisconsin 53711

**Subject: Request for Change Order
Former Robinson's Cleaners
1036 4th Street, Beloit, Wisconsin
BRRTS# 02-54-515602**

Dear Mr. Ackerman:

EnviroForensics, LLC (EnviroForensics) is requesting a change order to our existing project phase 30e for activities related to soil vapor extraction (SVE) remediation at the former Robinson's Cleaners located at 1036 4th Street in Beloit, Wisconsin (Site). As we discussed previously on the phone and in person at the Site, the SVE system generated significantly more condensate/groundwater during startup testing than anticipated, due in part to current water table conditions. The volume of water generated is more than can be efficiently managed on-Site. Therefore, we applied for coverage under the Wisconsin Pollutant Discharge Elimination System (WPDES) general permit for Contaminated Groundwater from Remedial Action Operations to discharge water to the storm sewer. A coverage approval letter dated January 7, 2019 is attached for reference.

In addition, project delays due to the high water levels have resulted in four (4) months of SVE system equipment rental fees (system operational down-time) that are not covered in our project phase 30d, and further expenditure of project coordination and management time not accounted for in our project phase 30h. The occurrences of these additional costs are provided in more detail below.

Phase 30e

This request for change order covers the following project activities:

- Preparation of the WPDES permit application, including the collection of an initial sample to determine treatment requirements (completed);
- Installation of a buried discharge line from the SVE system enclosure to a storm sewer catchment on the west side of 4th Street, including right-of-way permitting and sidewalk repair;



- Periodic water sampling and discharge reporting required by the permit and detailed in the attached letter; and
- Replacement of the concrete slab south of the building as we discussed with the property owner during our site meeting on August 3, 2018.

The total requested budget adjustment for Phase 30e is \$21,874. Note in the attached cost detail sheets that the change order includes a \$500 credit for municipal wastewater disposal fees that were included in the September 27, 2017 cost estimate.

Phase 30d

The original remediation cost estimate submitted with the September 27, 2017 Remediation Action Design Report included one year of system rental at \$2,000/month under Phase 30d. Given the challenges faced with system startup, the SVE system vendor agreed to delay charging the rental fee until successful startup, but no later than the end of 2018. The estimated schedule for installation of the discharge line and startup is May 2019. Therefore, the project will incur four (4) additional months of system rental fees. EnviroForensics is requesting a change order of \$8,000 (i.e., \$2,000 per month for three months) to cover this extra cost on Phase 30d.

Phase 30h

Finally, as of March 1, 2019 the budget for Project Coordination and Management (Phase 30h) was 92% spent. That budget was established and intended to cover one year of work, beginning with preparation for SVE system installation in October 2017. However, by the end of March, the budget will have lasted for 18 months. A change order for \$9,010 for another year of Project Coordination and Management is requested, covering April 1, 2019 through April 1, 2020.

The total requested change order amount is **\$39,530**. The DERF cost tracking spreadsheet (Form 4400-214D) and related cost detail and summary sheets are attached. If you have any questions or require additional information, please do not hesitate to contact me at 262-290-4001, or by email at bkappen@enviroforensics.com.

Sincerely,

EnviroForensics, LLC

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

Brian Kappen, PG
Project Manager

enclosures

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee WI 53212-3128

Scott Walker, Governor
Daniel L. Meyer, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



January 7, 2019

Brian Kappen, Project Manager
EnviroForensics LLC
N16 w 23390 Stone Ridge Drive, Suite G
Waukesha, WI 53188

Subject: Determination of Coverage under Contaminated Groundwater from Remedial Action Operations (No. WI-0046566-07)

WPDES Permittee: EnviroForensics, LLC
Facility Name: Robinson's Cleaners, Former
Site Location: 1036 4th Street, Beloit, WI 53511
Facility Identification Number (FIN): 64978

Dear Brian Kappen:

The Wisconsin Department of Natural Resources, hereafter the Department, has rescinded coverage under the letter dated December 20, 2018 and has regranted coverage under this letter dated January 7, 2019. Specifically, the Department has updated the list and limits of sampling parameters listed in Table 3. All other terms and conditions remain in effect. The Department received your request for coverage on December 17, 2018 and has reviewed your application for authorization to discharge wastewater from a soil vapor extraction (SVE) system condensate at the Robinson's Cleaners, Former (WDNR BRRTS #02-54-515602).

EnviroForensics is authorized by this letter for the discharge of wastewater at the above referenced site under the Wisconsin Pollution Distribution Elimination System General Permit No. WI-0046566-06-0 *Contaminated Groundwater from Remedial Action Operations*. Your coverage begins on December 18, 2018 and expires June 30, 2023. You are responsible for compliance with the requirements and conditions contained in the permit. Please download the permit and fact sheet from the Department website at: <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>.

Discharges under this permit are required to be consistent with a discharge management plan that has been approved by the Department. Your application submitted will be considered as the required discharge management plan. All your contaminated wastewater treatment, discharges, and remedial actions must be done according to the terms and conditions of the permit, specifically sections 1, 3, 4, 7 and 8. Any significant changes will require Department approval.

General Requirements

1. **Effective Term:** Coverage at your facility will become effective under this permit on **December 20, 2018** until permit coverage termination.
2. **Additives:** The discharge of water containing treatment additives or conditioners such as chlorine is prohibited unless their use is approved in writing by the Department.

3. **Reporting:** All required monitoring shall be reported via eDMR (electronic discharge monitoring report) to be consistent with federal e-reporting requirements. The eDMR shall be submit to the department whether or not there is a discharge during any month. The first report for the month of December 2018 is due by January 21, 2019. To receive access to the eDMR forms, you must register for a WAMS ID and request access to the monitoring reports via DNR Switchboard at <http://dnr.wi.gov/topic/Switchboard>
4. **Monitoring Requirements and Limits:** The permittee must report all monitoring data to the Department as required in Section 4 of the permit. These monitoring requirements and all applicable limits are summarized in the table below. If the department previously approved a reduced monitoring requirement or an exemption from some monitoring requirement of this permit, this approval does not carry over into this reissued permit. Sample point designation is listed below in Table 1.

Table 1. Sampling Point Designation

Sampling Point Designation	
Sampling Point Number	Sampling Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)
001	The permittee shall sample the condensate from the soil vapor extraction (SVE) system s prior to discharge to the storm sewer catchment and final discharge to the Rock River via Outfall 001. The samples taken shall be representative of the discharge that consists solely of the SVE system condensate before mixing with any other water.

The permittee shall comply with the following monitoring requirements and limitations in Table 2 and Table 3 below. Monitoring is only required when wastewater being discharged to surface waters.

Table 2. Sampling Point (Outfall) 001 – Surface Water Discharge

Monitoring Requirements and Effluent Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	General Permit Notes
Flow Rate		gpd	Daily or Each Discharge	Estimated	See Section 4.2.1.2
pH Field	Daily Min	6.0 su	Weekly or Each Discharge	Grab	See Sections 4.2.1.2 and 4.2.1.3
pH Field	Daily Max	9.0 su	Weekly or Each Discharge	Grab	See Sections 4.2.1.2 and 4.2.1.3
Other Pollutants at Concentration of Concern	See Table 3	See Table 3	Weekly or Each Discharge	TBD	Refer to Sections 4.2.1.1 and 4.2.1.2

Table 3. Effluent Limitations for Surface Water Discharges

Parameter	Limit Type	Limit and Units	Sample Type	General Permit Note
Benzene	Monthly Avg	50 µg/L	Grab	See Section 4.2.1.2
BETX, Total	Monthly Avg	750 µg/L	Grab	See Section 4.2.1.2
PAHs	Monthly Avg	0.1 µg/L	Grab	See Sections 4.2.1.1.3, 4.2.1.2 and Appendix C for calculation
Benzo(a)pyrene	Monthly Avg	0.1 µg/L	Grab	See Section 4.2.1.1.3
Naphthalene	Monthly Avg	70 µg/L	Grab	See Sections 4.2.1.1.5 and 4.2.1.2
Bromoform	Monthly Avg	120 µg/L	Grab	
Carbon Tetrachloride	Monthly Avg	150 µg/L	Grab	
Chloroform	Monthly Avg	120 µg/L	Grab	
Dichlorobromomethane	Monthly Avg	120 µg/L	Grab	
1,2-Dichloroethane	Monthly Avg	180 µg/L	Grab	
1,1-Dichloroethylene	Monthly Avg	50 µg/L	Grab	
Methyl Bromide	Monthly Avg	120 µg/L	Grab	
Methylene Chloride	Monthly Avg	120 µg/L	Grab	
1,1,2,2-Tetrachloroethane	Monthly Avg	50 µg/L	Grab	
Tetrachloroethylene	Monthly Avg	50 µg/L	Grab	
1,1,2-Trichloroethane	Monthly Avg	50 µg/L	Grab	
1,1,1-Trichloroethane	Monthly Avg	50 µg/L	Grab	
Trichloroethylene	Monthly Avg	50 µg/L	Grab	
Vinyl Chloride	Monthly Avg	10 µg/L	Grab	
Oil & Grease (Hexane)	Daily Max	10 mg/L	Grab	See Section 4.2.1.2

Note that chlorine and total suspended solids (TSS) and lead testing requirements have been removed as required testing parameters. There is no chlorine treatments or additives and the discharge is not from an open pit or trench and does not require treatment, therefore these parameters were removed.

The permittee shall record the total daily volume of wastewater discharged under this permit on each day there is a discharge. For all other parameters, in the first 4 weeks of discharge, the permittee shall sample the discharge weekly under Outfall 001. If the discharge continues after the first 4 weeks, the permittee shall sample the discharge monthly. If the discharge continues beyond one year since the start date and the monitoring results have not exceeded any permit discharge limitations the department may approve in writing, a quarterly monitoring frequency. A monthly or quarterly sampling frequency only applies if data indicates substantial compliance with effluent limits. If the sampling frequency is monthly or quarterly and an exceedance occurs, a weekly monitoring frequency must resume until substantial compliance is demonstrated for eight consecutive weeks.

The permittee may request (in writing) removal of select parameters after four weeks (or four discharge events) of monitoring if results are non-detected (less than reporting limits) or less than 1/5 of the effluent limit listed in Table 3. The removal of parameters is subject to Department review and discretion. The permittee shall continue with the required sampling until written approval is issued by the Department

5. **Discharge Status:** If the project has been completed and/or the remedial action operations have ceased, please complete a **Notice of Termination (Form 3400-221)** available at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>. Please email this form to me at Christopher.Dietrich@Wisconsin.gov. Your facility will then be removed from our list of facilities currently covered under this general permit.
6. **Change of Authorized Representative:** If you plan on changing the authorized representative contact for the project or want to assign a new person to be a duly authorized representative to submit specific permit documents on their behalf, please fill out a Delegation of Signature Authority (Form 3400-220) available at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>. Please email this form to me at Christopher.Dietrich@Wisconsin.gov.
7. **Project Changes:** If there have been or will be any changes in dewatering operations that result in new or different wastewater discharges to the waters of the state, please contact the Department and reapply for permit coverage. If reapplication is necessary, please complete a notice of intent (NOI) form for the applicable general permit(s) to verify that your discharge is eligible for that general permit. NOI forms are available at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>. This document must be mailed to the Department contact in the region of the proposed discharge. This information is also available at the general permit webpage.

Additional information regarding the Department's legal authority in this matter and your rights of appeal are shown below. Please contact me by phone: (414) 263-8713 or by email: Christopher.Dietrich@Wisconsin.gov if you have any questions.

Regards,



Chris Dietrich
Wastewater Specialist
Bureau of Water Quality

Cc: Trevor Moen, General Permit Coordinator, WDNR (via email)
Jeff Ackerman, Remediation and Redevelopment, WDNR (via email)

LEGAL AUTHORITIES and APPEAL RIGHTS

Section 283.35(1), Wis. Stats., authorizes the Department to issue a general permit applicable to a designated area of the state authorizing discharges from specified categories or classes of point sources located within that area. Upon the request of the owner or operator of a point source, the Department shall withdraw the point source from the coverage of a general permit and issue an individual Wisconsin Pollutant Discharge Elimination System (WPDES) permit for that source in accordance with s. 283.35(2), Wis. Stats. Additionally, the Department may withdraw a point source from the coverage of a general permit and issue an individual WPDES permit if that source meets any of the factors listed in s. 283.35(3), Wis. Stats. Issuance of such an individual permit will provide for a public comment period, and potentially a public informational hearing and/or an adjudicatory hearing. In lieu of general permit withdrawal, the Department may refer any violation of a general permit to the Department of Justice for enforcement under s. 283.91, Wis. Stats., pursuant to s. 283.89, Wis. Stats. In order to remain in compliance and avoid any enforcement action, **please read your permit carefully.**

To challenge the reasonableness of or necessity for any term or condition of an issued, reissued, or modified general permit, s. 283.63, Wis. Stats., and ch. NR 203, Wis. Adm. Code, require that you file a verified petition for review with the Secretary of the Department of Natural Resources within 60 days after notice of the permit decision was issued by the Department. For other permit-related decisions, such as the decision to confer general permit coverage to your facility, that are not reviewable pursuant to s. 283.63, Wis. Stats., it may be possible for permittees or other persons to obtain an administrative review pursuant to s. 227.42, Wis. Stats., and s. NR 2.05(5), Wis. Adm. Code, or a judicial review pursuant to s. 227.52, Wis. Stats. If you choose to pursue one of these options, you should know that Wisconsin Statutes and Administrative Code establish time periods within which requests to review Department decisions must be filed.

Site Name: Former Robinson's Cleaners - Beloit
 BRRTS #: 02-54-515602
 Type of Action: Remediation

TASKS	BUDGET			Previous Claims (If applicable)						Total Invoiced Costs
	Bid / Budgeted Amount	Change Order March 2019	Total Approved Budget		EnviroForensics, Invoice 20288, October 2018	EnviroForensics, Invoice 20483, November 2018	EnviroForensics, Invoice 20591, December 2018	EnviroForensics, Invoice 20721, January 2019	EnviroForensics, Invoice 20884, February 2019	
Consultant Costs										
Phase 30c - Remedial Action Design Report	\$ 13,644.00		\$ 13,644.00							\$ 13,585.25
Phase 30d - SVE System Installation	\$ 22,700.00		\$ 22,700.00		\$ 888.14					\$ 29,491.69
Phase 30e - Operation, Maintenance, and Monitoring	\$ 28,814.00	\$ 6,771.00	\$ 35,585.00		\$ 2,434.25	\$ 1,914.00	\$ 1,598.50	\$ 1,000.50	\$ 433.00	\$ 8,071.00
Phase 30f - Confirmation Sampling	\$ 3,865.00		\$ 3,865.00							\$ -
Phase 30g - Groundwater Monitoring	\$ 21,151.00		\$ 21,151.00							\$ -
Phase 30h - Project Coordination and Management	\$ 10,660.00	\$ 9,010.00	\$ 19,670.00		\$ 280.50	\$ 169.00	\$ 143.00	\$ 852.50	\$ 299.00	\$ 9,810.00
<i>Consultant Cost Total</i>	\$ 100,834.00	\$ 15,781.00	\$ 116,615.00	\$ -	\$ 3,602.89	\$ 2,083.00	\$ 1,741.50	\$ 1,853.00	\$ 732.00	\$ 60,957.94
Sub-Contractor Costs										
Driller	\$ 6,535.00		\$ 6,535.00							\$ 4,715.00
Remediation Construction Contractor	\$ 71,401.00		\$ 71,401.00							\$ 71,401.17
Asphalt/Concrete Contractor	\$ 2,000.00	\$ 4,338.00	\$ 6,338.00							\$ 5,589.00
Fence Contractor	\$ 5,000.00		\$ 5,000.00							\$ 4,378.00
Electrician	\$ 7,500.00		\$ 7,500.00		\$ 229.46					\$ 9,219.65
SVE System Lease	\$ 24,000.00	\$ 8,000.00	\$ 32,000.00				\$ 2,000.00	\$ 2,000.00		\$ 4,000.00
Electrical Service	\$ 8,300.00		\$ 8,300.00		\$ 36.97	\$ 45.06	\$ 96.60	\$ 91.78	\$ 121.38	\$ 547.15
Laboratory	\$ 11,260.00	\$ 1,859.00	\$ 13,119.00			\$ 103.40				\$ 765.16
Plumber	\$ 620.00	\$ 9,552.00	\$ 10,172.00							\$ 350.00
Waste Disposal	\$ 6,350.00		\$ 6,350.00							\$ 10,225.33
<i>Sub-Contractor Cost Total</i>	\$ 142,966.00	\$ 23,749.00	\$ 166,715.00	\$ -	\$ 266.43	\$ 148.46	\$ 96.60	\$ 2,091.78	\$ 2,121.38	\$ 111,190.46
DERF ELIGIBLE SUB-TOTALS	\$ 243,800.00	\$ 39,530.00	\$ 283,330.00	\$ -	\$ 3,869.32	\$ 2,231.46	\$ 1,838.10	\$ 3,944.78	\$ 2,853.38	\$ 172,148.40
Non-DERF Eligible Expenses										
Permit fees										\$ 100.00
Hotel, meals										\$ 236.78
<i>Non-DERF Cost Total</i>				\$ -						\$ 336.78
INVOICE GRAND TOTAL				\$ -	\$ 3,869.32	\$ 2,231.46	\$ 1,838.10	\$ 3,944.78	\$ 2,853.38	\$ 172,485.18

Check Numbers

Site Name: Former Robinson's Cleaners - Beloit

BRRTS #: 02-54-515602

Type of Action: Remediation

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

TASKS Bid / Budgeted Description	BUDGET			Previous Claims (If applicable)	DERF COST BREAKOUT (this claim)								Budget Remaining Use (-) to indicate cost over-run	% Task Complete, Remarks
	Bid / Budgeted Amount	Change Order March 2019	Total Approved Budget		A Soil Investigation	B Soil Remediation	C Groundwater Investigation	D Groundwater Remediation	E Air/Vapor Investigation	F Air/Vapor Remediation	G Lab & Other Analysis	H Miscellaneous Costs		
Consultant Costs														
Phase 30c - Remedial Action Design Report	\$ 13,644.00		\$ 13,644.00			\$ 13,585.25							\$ 58.75	100
Phase 30d - SVE System Installation	\$ 22,700.00		\$ 22,700.00			\$ 29,491.69							\$ (6,791.69)	100
Phase 30e - Operation, Maintenance, and Monitoring	\$ 28,814.00	\$ 6,771.00	\$ 35,585.00			\$ 8,071.00							\$ 27,514.00	23
Phase 30f - Confirmation Sampling	\$ 3,865.00		\$ 3,865.00										\$ 3,865.00	0
Phase 30g - Groundwater Monitoring	\$ 21,151.00		\$ 21,151.00										\$ 21,151.00	0
Phase 30h - Project Coordination and Management	\$ 10,660.00	\$ 9,010.00	\$ 19,670.00			\$ 9,810.00							\$ 9,860.00	92
<i>Consultant Cost Total</i>	\$ 100,834.00	\$ 15,781.00	\$ 116,615.00	\$ -									\$ 55,657.06	
Sub-Contractor Costs														
Driller	\$ 6,535.00		\$ 6,535.00			\$ 4,715.00							\$ 1,820.00	100
Remediation Construction Contractor	\$ 71,401.00		\$ 71,401.00			\$ 71,401.17							\$ (0.17)	100
Asphalt/Concrete Contractor	\$ 2,000.00	\$ 4,338.00	\$ 6,338.00			\$ 5,589.00							\$ 749.00	50
Fence Contractor	\$ 5,000.00		\$ 5,000.00			\$ 4,378.00							\$ 622.00	100
Electrician	\$ 7,500.00		\$ 7,500.00			\$ 9,219.65							\$ (1,719.65)	100
SVE System Lease	\$ 24,000.00	\$ 8,000.00	\$ 32,000.00			\$ 4,000.00							\$ 28,000.00	15
Electrical Service	\$ 8,300.00		\$ 8,300.00			\$ 547.15							\$ 7,752.85	5
Laboratory	\$ 11,260.00	\$ 1,859.00	\$ 13,119.00			\$ 765.16							\$ 12,353.84	7
Plumber	\$ 620.00	\$ 9,552.00	\$ 10,172.00			\$ 350.00							\$ 9,822.00	40
Waste Disposal	\$ 6,350.00		\$ 6,350.00			\$ 10,225.33							\$ (3,875.33)	100
<i>Sub-Contractor Cost Total</i>	\$ 142,966.00	\$ 23,749.00	\$ 166,715.00	\$ -									\$ 55,524.54	
DERF ELIGIBLE SUB-TOTALS	\$ 243,800.00	\$ 39,530.00	\$ 283,330.00	\$ -	\$ -	\$ 172,148.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 111,181.60	

Total DERF Eligible Costs This Claim \$ 172,148.40

Non-DERF Eligible Expenses	
Permit fees	
Hotel, meals	
<i>Non-DERF Cost Total</i>	\$ -
INVOICE GRAND TOTAL	\$ -

Check Numbers



TABLE 1
REMEDIATION AND MONITORING CHANGE ORDER - MARCH 2019

Former Robinson's Cleaners
 Beloit, Wisconsin

TASK	LABOR COSTS	SUB-CONTRACTOR COSTS	DIRECT COSTS	PHASE COST
Phase 30d - SVE System Installation CHANGE ORDER				
Additional SVE System Rental charges	\$0	\$8,000	\$0	\$8,000
Phase 30e - Operation, Maintenance, and Monitoring CHANGE ORDER				
WPDES Permitting	\$2,860	\$104	\$136	\$3,099
Discharge Line Installation Concrete Repair	\$2,340	\$13,890	\$35	\$16,265
Water Discharge Sampling Discharge Monitoring Reports	\$1,400	\$1,756	\$0	\$3,156
Sub-Total	\$6,600	\$15,749	\$171	\$22,520
Phase 30h - Project Coordination and Management - CHANGE ORDER				
Project Coordination and Management	\$9,010	\$0	\$0	\$9,010
TOTAL	\$15,610	\$23,749	\$171	\$39,530

Project Title:
 Project Number/Name:
 Date:

Remediation and Monitoring
 6154/Robinson Beloit
 3/18/2019



Phase 30h Project Coordination and Management - CHENGE ORDER						
Labor - Field						
Principal	\$190.00	hr			\$0.00	Task Total
Chief Technical Officer	\$175.00	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	\$95.00	hr			\$0.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr			\$0.00	
Compliance Specialist	\$140.00	hr			\$0.00	
Vapor Intrusion Specialist	\$130.00	hr			\$0.00	
Health and Safety Specialist	\$130.00	hr			\$0.00	
					\$0.00	
Labor - Office/Reporting						
Principal	\$190.00	hr			\$0.00	Task Total
Chief Technical Officer	\$175.00	hr			\$0.00	
Director	\$175.00	hr	2.0		\$350.00	
Sr Project Manager	\$155.00	hr	24.0		\$3,720.00	
Sr Professional	\$155.00	hr			\$0.00	
Project Manager	\$130.00	hr	36.0		\$4,680.00	
Project Professional	\$130.00	hr			\$0.00	
Staff Professional-Office	\$120.00	hr			\$0.00	
Staff Professional-Field	\$95.00	hr			\$0.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr	4.0		\$260.00	
Compliance Specialist	\$140.00	hr			\$0.00	
Vapor Intrusion Specialist	\$130.00	hr			\$0.00	
Health and Safety Specialist	\$130.00	hr			\$0.00	
					\$0.00	
Contractors/Consultants						
Utility Locate		LS		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	
Historical Database Report		LS		1.00	\$0.00	
Remediation		LS		1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	\$0.00
Contractor/Consultant - Laboratory						
Soil VOC 8260 dry wt	\$70.00	ea		1.00	\$0.00	Task Total
Soil VOC 8260 dry wt QA/QC	\$70.00	ea		1.00	\$0.00	
GW VOC 8260	\$70.00	ea		1.00	\$0.00	
GW VOC 8260 QA/QC	\$70.00	ea		1.00	\$0.00	
Air TO-15 - Soil Gas	\$150.00	ea		1.00	\$0.00	
Air TO-15 - Sub-Slab	\$200.00	ea		1.00	\$0.00	
Air TO-15 - Indoor Air	\$200.00	ea		1.00	\$0.00	
Air - Individual Certification	\$50.00	ea		1.00	\$0.00	
Air - Batch Certification	\$30.00	LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$70.00	ea		1.00	\$0.00	
Level IV QA/QC (15%)					\$0.00	
					\$0.00	
Direct Costs - Expenses						
Hotel	\$120.00	day		1.00	\$0.00	Task Total
Meals	\$60.00	LS		1.00	\$0.00	
Misc Materials		LS		1.00	\$0.00	
Equipment Rental		LS		1.00	\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	\$0.00

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00		
	Support Vehicle - Full Day	\$ 30.00		\$ 180.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.54				
Meters	Air Velocity Meter (per use)			\$ 25.00		
	Multi-meter Conductivity/pH/Temp/TDS			\$ 165.00		
	Dissolved Oxygen Meter			\$ 40.00		
	FID Foxboro/Sensidyne (TIP)			\$ 155.00		
	Flow Calibrator			\$ 30.00		
	Methane Meter			\$ 116.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
	Ozone Leak Detector			\$ 135.00		
Pumps	Inline Ozone Meter			\$ 230.00		
	ORP Meter			\$ 30.00		
	Air Pump - Low Flow (Barcad)			\$ 25.00		
	Development Pump			\$ 130.00		
	Electric Submersible Pump with Control Box (Units)			\$ 130.00		
	Low-Flow Sampling Bladder	\$ 12.00				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifolds/Tubing)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Intrinsically Safe Vapor Evacuation Blower			\$ 125.00		
Other	Pneumatic Low-Flow Pump - 1" Well			\$ 50.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Asbestos Sampling Kit			\$ 250.00		
	Asbestos Investigation Supplies			\$ 130.00		
	Asbestos Sampling Core	\$ 2.50				
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 55.00		
	Data Logger with Transducer			\$ 155.00		
	Well Caps	\$ 30.00				
	Elec. Well Sounder (Probe)			\$ 30.00		
	Metal Detector			\$ 50.00		
	5035 Sample Kit	\$ 16.00				
	P/T Plugs	\$ 5.00				
	Field Book	\$ 11.00				
	Filter - Large	\$ 18.00				
	Filter - Small	\$ 9.00				
	Generator			\$ 105.00		
	Hand Auger			\$ 30.00		
	Helium QA/QC Kit			\$ 265.00		
	Helium QA/QC Accessories	\$ 20.00				
	Oil/Water Interface Probe			\$ 105.00		
	Padlocks	\$ 15.00				
	Steam Cleaner			\$ 130.00		
	Transducer (ea)			\$ 40.00		
	Coring Machine			\$ 200.00		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	NAPL Sample Kit			\$ 40.00		
	SVE Inlet Air Filter			\$ 80.00		
	SVE Dilution Air Filter			\$ 28.00		
	SVE Blower Oil (quart)			\$ 32.00		
	SVE Blower Grease (tube)			\$ 20.00		
	Ozone Air Filter Holder			\$ 18.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" OD (per foot)	\$ 1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" OD (per foot)	\$ 1.20				
	Tubing (Bonded) - Polyethylene (Teflon): 1/16" OD X 1/4" (per foot)	\$ 1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$ 1.10				
	Tubing - Polyethylene: 1/4" OD (per foot)	\$ 0.60				
	Tubing - Polyethylene: 1/2" OD (per foot)	\$ 0.85				
	Tubing - Tygon: 3/8" STD (per foot)	\$ 4.45				
	Tubing - Silicone: 3/8" STD (per foot)	\$ 4.50				
	System Wiring (per foot)	\$ 0.60				
	PFA Tubing - 1/2-inch ID	\$ 5.00				
	Manual Drive Point Kit	\$ 90.00				
	55-Gallon Drum	\$ 55.00				
	550 gal poly tank			\$ 40.00		
	325 gal poly tank			\$ 30.00		
	Temporary Sampling Port	\$ 25.00				
Vapor Pin Sub-Slab Sampling Port	\$ 75.00					
Sub-Slab Cover (Stainless Steel)	\$ 40.00					
Well Cover 8X12"	\$ 105.00					
Measuring Wheel			\$ 15.00			
Measuring Wheel or Pole			\$ 15.00			
Camera			\$ 25.00			
1L Tedlar Bag	\$ 20.00					
Radon Sample Kit	\$ 30.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Barricades & Traffic Signs			\$ 10.00		
	Fall Protection			\$ 25.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Routine Field and Safety Equipment			\$ 130.00			
Production	1 Inch Binder	\$ 9.00				
	2 Inch Binder	\$ 12.00				
	3 Inch Binder	\$ 15.00				
	4 Inch Binder	\$ 22.00				
	Binder Tabs (Set of 8)	\$ 5.00				
	Color Copies	\$ 0.40				
	B/W Copies	\$ 0.25				
Document - Format/Sending	\$ 15.00					
Report CD Copy	\$ 5.00					
					\$0.00	\$0.00
PHASE TOTAL						\$9,010.00

Project Title:
 Project Number/Name:
 Date:

Remediation and Monitoring
 6154/Robinson Beloit
 3/18/2019



Phase 30e Discharge Monitoring and Reporting - CHANGE ORDER						
Labor - Field						
Principal	\$190.00	hr			\$0.00	Task Total
Chief Technical Officer	\$175.00	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	\$95.00	hr			\$0.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr			\$0.00	
Compliance Specialist	\$140.00	hr			\$0.00	
Vapor Intrusion Specialist	\$130.00	hr			\$0.00	
Health and Safety Specialist	\$130.00	hr			\$0.00	
					\$0.00	
Labor - Office/Reporting						
Principal	\$190.00	hr			\$0.00	Task Total
Chief Technical Officer	\$175.00	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	2.0		\$260.00	
Project Professional	\$130.00	hr			\$0.00	
Staff Professional-Office	\$120.00	hr	9.5		\$1,140.00	
Staff Professional-Field	\$95.00	hr			\$0.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr			\$0.00	
Compliance Specialist	\$140.00	hr			\$0.00	
Vapor Intrusion Specialist	\$130.00	hr			\$0.00	
Health and Safety Specialist	\$130.00	hr			\$0.00	
					\$0.00	
Contractors/Consultants						
Utility Locate		LS		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	
Historical Database Report		LS		1.00	\$0.00	
Electrical Service		Month		1.00	\$0.00	
				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						
GW PAH SIM	\$83.93	ea	4.0	1.00	\$335.72	Task Total
GW Lead (Total)	\$15.00	ea		1.00	\$0.00	
GW VOC 8260 (3-day turn)	\$103.50	ea		1.00	\$0.00	
GW VOC 8260 (Standard turn)	\$72.50	ea	16.0	1.00	\$1,160.00	
GW Hardness	\$22.00	ea		1.00	\$0.00	
GW Oil & Grease	\$65.00	ea	4.0	1.00	\$260.00	
		ea		1.00	\$0.00	
		ea		1.00	\$0.00	
		LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$72.50	ea		1.00	\$0.00	
Level IV QA/QC (15%)						
Direct Costs - Expenses						
Hotel	\$120.00	day		1.00	\$0.00	Task Total
Meals	\$60.00	LS		1.00	\$0.00	
Misc Materials (PVC and fittings)	\$250.00	LS		1.00	\$0.00	
Oil, filters, etc	\$200.00	LS		1.00	\$0.00	
Municipal discharge permit fee	\$200.00	LS		1.00	\$0.00	
Wastewater disposal fees	\$300.00	LS		1.00	\$0.00	
					\$0.00	
					\$0.00	

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00		
	Support Vehicle - Full Day	\$ 30.00		\$ 180.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.54				
Meters	Air Velocity Meter (per use)			\$ 25.00		
	Multi-meter Conductivity/pH/Temp/TDS			\$ 165.00		
	Dissolved Oxygen Meter			\$ 40.00		
	FID Foxboro/Sensidyne (TIP)			\$ 155.00		
	Flow Calibrator			\$ 30.00		
	Methane Meter			\$ 116.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
	Ozone Leak Detector			\$ 135.00		
	Inline Ozone Meter			\$ 230.00		
ORP Meter			\$ 30.00			
Pumps	Air Pump - Low Flow (Barcad)			\$ 25.00		
	Development Pump			\$ 130.00		
	Electric Submersible Pump with Control Box (Units)			\$ 130.00		
	Low-Flow Sampling Bladder	\$ 12.00				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifolds/Tubing)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Intrinsically Safe Vapor Evacuation Blower			\$ 125.00		
	Pneumatic Low-Flow Pump - 1" Well			\$ 50.00		
Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00			
Other	Asbestos Sampling Kit			\$ 250.00		
	Asbestos Investigation Supplies			\$ 130.00		
	Asbestos Sampling Core	\$ 2.50				
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 55.00		
	Data Logger with Transducer			\$ 155.00		
	Well Caps	\$ 30.00				
	Elec. Well Sounder (Probe)			\$ 30.00		
	Metal Detector			\$ 50.00		
	5035 Sample Kit	\$ 16.00				
	P/T Plugs	\$ 5.00				
	Field Book	\$ 11.00				
	Filter - Large	\$ 18.00				
	Filter - Small	\$ 9.00				
	Generator			\$ 105.00		
	Hand Auger			\$ 30.00		
	Helium QA/QC Kit			\$ 265.00		
	Helium QA/QC Accessories	\$ 20.00				
	Oil/Water Interface Probe			\$ 105.00		
	Padlocks	\$ 15.00				
	Steam Cleaner			\$ 130.00		
	Transducer (ea)			\$ 40.00		
	Coring Machine			\$ 200.00		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	NAPL Sample Kit			\$ 40.00		
	SVE Inlet Air Filter			\$ 80.00		
	SVE Dilution Air Filter			\$ 28.00		
	SVE Blower Oil (quart)			\$ 32.00		
	SVE Blower Grease (tube)			\$ 20.00		
	Ozone Air Filter Holder			\$ 18.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" OD (per foot)	\$ 1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" OD (per foot)	\$ 1.20				
	Tubing (Bonded) - Polyethylene (Teflon): 1/16" OD X 1/4" (per foot)	\$ 1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$ 1.10				
	Tubing - Polyethylene: 1/4" OD (per foot)	\$ 0.60				
	Tubing - Polyethylene: 1/2" OD (per foot)	\$ 0.85				
	Tubing - Tygon: 3/8" STD (per foot)	\$ 4.45				
	Tubing - Silicone: 3/8" STD (per foot)	\$ 4.50				
	System Wiring (per foot)	\$ 0.60				
	PFA Tubing - 1/2-inch ID	\$ 5.00				
	Manual Drive Point Kit	\$ 90.00				
	55-Gallon Drum	\$ 55.00				
	550 gal poly tank			\$ 40.00		
	325 gal poly tank			\$ 30.00		
	Temporary Sampling Port	\$ 25.00				
	Vapor Pin Sub-Slab Sampling Port	\$ 75.00				
	Sub-Slab Cover (Stainless Steel)	\$ 40.00				
Well Cover 8X12"	\$ 105.00					
Measuring Wheel			\$ 15.00			
Measuring Wheel or Pole			\$ 15.00			
Camera			\$ 25.00			
1L Tedlar Bag	\$ 20.00					
Radon Sample Kit	\$ 30.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Barricades & Traffic Signs			\$ 10.00		
	Fall Protection			\$ 25.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Routine Field and Safety Equipment			\$ 130.00			
Production	1 Inch Binder	\$ 9.00				
	2 Inch Binder	\$ 12.00				
	3 Inch Binder	\$ 15.00				
	4 Inch Binder	\$ 22.00				
	Binder Tabs (Set of 8)	\$ 5.00				
	Color Copies	\$ 0.40				
	B/W Copies	\$ 0.25				
	Document - Format/Sending	\$ 15.00				
Report CD Copy	\$ 5.00					
				\$0.00		\$0.00
PHASE TOTAL						\$3,155.72

Project Title:
 Project Number/Name:
 Date:

Remediation and Monitoring
 6154/Robinson Beloit
 3/18/2019



Phase 30e Discharge Line Installation - CHANGE ORDER						
Labor - Field	Price	Unit	# Units		Subtotal	Task Total
Principal	\$190.00	hr			\$0.00	
Chief Technical Officer	\$175.00	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	\$95.00	hr			\$0.00	
Field Professional	\$95.00	hr	20.0		\$1,900.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr			\$0.00	
Compliance Specialist	\$140.00	hr			\$0.00	
Vapor Intrusion Specialist	\$130.00	hr			\$0.00	
Health and Safety Specialist	\$130.00	hr			\$0.00	
		hr			\$0.00	
					\$1,900.00	\$1,900.00

Labor - Office/Reporting	Price	Unit	# Units		Subtotal	Task Total
Principal	\$190.00	hr			\$0.00	
Chief Technical Officer	\$175.00	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	1.0		\$130.00	
Project Professional	\$130.00	hr			\$0.00	
Staff Professional-Office	\$120.00	hr	1.0		\$120.00	
Staff Professional-Field	\$95.00	hr			\$0.00	
Field Professional	\$95.00	hr	2.0		\$190.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr			\$0.00	
Compliance Specialist	\$140.00	hr			\$0.00	
Vapor Intrusion Specialist	\$130.00	hr			\$0.00	
Health and Safety Specialist	\$130.00	hr			\$0.00	
		hr			\$0.00	
					\$440.00	\$440.00

Contractors/Consultants	Price	Unit	# Units	Markup	Subtotal	Task Total
Concrete slab repair	\$4,338.00	LS	1.0	1.00	\$4,338.00	
Plumber	\$9,552.00	LS	1.0	1.00	\$9,552.00	
Surveyor		LS		1.00	\$0.00	
Waste Disposal		LS		1.00	\$0.00	
Historical Database Report		LS		1.00	\$0.00	
Electrical Service		Month		1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
					\$13,890.00	\$13,890.00

Contractor/Consultant - Laboratory	Price	Unit	# Units	Markup	Subtotal	Task Total
GW PAH SIM	\$83.93	ea		1.00	\$0.00	
GW Lead (Total)	\$15.00	ea		1.00	\$0.00	
GW VOC 8260 (3-day turn)	\$103.50	ea		1.00	\$0.00	
GW VOC 8260 (Standard turn)	\$72.50	ea		1.00	\$0.00	
GW Hardness	\$22.00	ea		1.00	\$0.00	
GW Oil & Grease	\$65.00	ea		1.00	\$0.00	
		ea		1.00	\$0.00	
		ea		1.00	\$0.00	
		LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$72.50	ea		1.00	\$0.00	
Level IV QA/QC (15%)					\$0.00	
					\$0.00	\$0.00

Direct Costs - Expenses	Price	Unit	# Units	Markup	Subtotal	Task Total
Hotel	\$120.00	day		1.00	\$0.00	
Meals	\$60.00	LS		1.00	\$0.00	
Misc Materials (PVC and fittings)	\$50.00	LS	1.0	1.00	\$50.00	
Oil, filters, etc	\$200.00	LS		1.00	\$0.00	
Municipal discharge permit fee	\$200.00	LS	-1.0	1.00	(\$200.00)	
Wastewater disposal fees	\$300.00	LS	-1.0	1.00	(\$300.00)	
Flow Meter	\$225.00	LS	1.0	1.00	\$225.00	
					\$0.00	
					\$0.00	(\$225.00)

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00	2	\$ 260.00
	Support Vehicle - Full Day	\$ 30.00		\$ 180.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.54				
Meters	Air Velocity Meter (per use)			\$ 25.00		
	Multi-meter Conductivity/pH/Temp/TDS			\$ 165.00		
	Dissolved Oxygen Meter			\$ 40.00		
	FID Foxboro/Sensidyne (TIP)			\$ 155.00		
	Flow Calibrator			\$ 30.00		
	Methane Meter			\$ 116.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
	Ozone Leak Detector			\$ 135.00		
Pumps	Inline Ozone Meter			\$ 230.00		
	ORP Meter			\$ 30.00		
	Air Pump - Low Flow (Barcad)			\$ 25.00		
	Development Pump			\$ 130.00		
	Electric Submersible Pump with Control Box (Units)			\$ 130.00		
	Low-Flow Sampling Bladder	\$ 12.00				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifolds/Tubing)	\$ 100.00				
Other	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Intrinsically Safe Vapor Evacuation Blower			\$ 125.00		
	Pneumatic Low-Flow Pump - 1" Well			\$ 50.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Asbestos Sampling Kit			\$ 250.00		
	Asbestos Investigation Supplies			\$ 130.00		
	Asbestos Sampling Core	\$ 2.50				
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 55.00		
	Data Logger with Transducer			\$ 155.00		
	Well Caps	\$ 30.00				
	Elec. Well Sounder (Probe)			\$ 30.00		
	Metal Detector			\$ 50.00		
	5035 Sample Kit	\$ 16.00				
	P/T Plugs	\$ 5.00				
	Field Book	\$ 11.00				
	Filter - Large	\$ 18.00				
	Filter - Small	\$ 9.00				
	Generator			\$ 105.00		
	Hand Auger			\$ 30.00		
	Helium QA/QC Kit			\$ 265.00		
	Helium QA/QC Accessories	\$ 20.00				
	Oil/Water Interface Probe			\$ 105.00		
	Padlocks	\$ 15.00				
	Steam Cleaner			\$ 130.00		
	Transducer (ea)			\$ 40.00		
	Coring Machine			\$ 200.00		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	NAPL Sample Kit			\$ 40.00		
	SVE Inlet Air Filter			\$ 80.00		
	SVE Dilution Air Filter			\$ 28.00		
	SVE Blower Oil (quart)			\$ 32.00		
	SVE Blower Grease (tube)			\$ 20.00		
	Ozone Air Filter Holder			\$ 18.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" OD (per foot)	\$ 1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" OD (per foot)	\$ 1.20				
	Tubing (Bonded) - Polyethylene (Teflon): 1/16" OD X 1/4" (per foot)	\$ 1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$ 1.10				
	Tubing - Polyethylene: 1/4" OD (per foot)	\$ 0.60				
	Tubing - Polyethylene: 1/2" OD (per foot)	\$ 0.85				
	Tubing - Tygon: 3/8" STD (per foot)	\$ 4.45				
	Tubing - Silicone: 3/8" STD (per foot)	\$ 4.50				
System Wiring (per foot)	\$ 0.60					
PFA Tubing - 1/2-inch ID	\$ 5.00					
Manual DrivePoint Kit	\$ 90.00					
55-Gallon Drum	\$ 55.00					
550 gal poly tank			\$ 40.00			
325 gal poly tank			\$ 30.00			
Temporary Sampling Port	\$ 25.00					
Vapor Pin Sub-Slab Sampling Port	\$ 75.00					
Sub-Slab Cover (Stainless Steel)	\$ 40.00					
Well Cover 8X12"	\$ 105.00					
Measuring Wheel			\$ 15.00			
Measuring Wheel or Pole			\$ 15.00			
Camera			\$ 25.00			
1L Tedlar Bag	\$ 20.00					
Radon Sample Kit	\$ 30.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Barricades & Traffic Signs			\$ 10.00		
	Fall Protection			\$ 25.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Routine Field and Safety Equipment			\$ 130.00			
Production	1 Inch Binder	\$ 9.00				
	2 Inch Binder	\$ 12.00				
	3 Inch Binder	\$ 15.00				
	4 Inch Binder	\$ 22.00				
	Binder Tabs (Set of 8)	\$ 5.00				
	Color Copies	\$ 0.40				
	B/W Copies	\$ 0.25				
Document - Format/Sending	\$ 15.00					
Report CD Copy	\$ 5.00					
						\$260.00
PHASE TOTAL						\$16,265.00

Project Title:
Project Number/Name:
Date:

Remediation and Monitoring
6154/Robinson Beloit
3/18/2019



Phase 30e WPDES Permitting - CHANGE ORDER						
Labor - Field	Price	Unit	# Units		Subtotal	Task Total
Principal	\$190.00	hr			\$0.00	
Chief Technical Officer	\$175.00	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	\$95.00	hr	4.0		\$380.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr			\$0.00	
Compliance Specialist	\$140.00	hr			\$0.00	
Vapor Intrusion Specialist	\$130.00	hr			\$0.00	
Health and Safety Specialist	\$130.00	hr			\$0.00	
		hr			\$0.00	
					\$380.00	\$380.00
Labor - Office/Reporting	Price	Unit	# Units		Subtotal	Task Total
Principal	\$190.00	hr			\$0.00	
Chief Technical Officer	\$175.00	hr			\$0.00	
Director	\$175.00	hr			\$0.00	
Sr Project Manager	\$155.00	hr	2.5		\$387.50	
Sr Professional	\$155.00	hr			\$0.00	
Project Manager	\$130.00	hr	4.5		\$585.00	
Project Professional	\$130.00	hr			\$0.00	
Staff Professional-Office	\$120.00	hr	11.5		\$1,380.00	
Staff Professional-Field	\$95.00	hr			\$0.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr	1.5		\$127.50	
Admin	\$65.00	hr			\$0.00	
Compliance Specialist	\$140.00	hr			\$0.00	
Vapor Intrusion Specialist	\$130.00	hr			\$0.00	
Health and Safety Specialist	\$130.00	hr			\$0.00	
		hr			\$0.00	
					\$2,480.00	\$2,480.00
Contractors/Consultants	Price	Unit	# Units	Markup	Subtotal	Task Total
Utility Locate		LS		1.00	\$0.00	
Driller		LS		1.00	\$0.00	
Surveyor		LS		1.00	\$0.00	
Waste Disposal		LS		1.00	\$0.00	
Historical Database Report		LS		1.00	\$0.00	
Electrical Service		Month		1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
					\$0.00	\$0.00
Contractor/Consultant - Laboratory	Price	Unit	# Units	Markup	Subtotal	Task Total
GW PAH SIM	\$83.93	ea		1.00	\$0.00	
GW Lead (Total)	\$15.00	ea		1.00	\$0.00	
GW VOC 8260 (3-day turn)	\$103.50	ea	1.0	1.00	\$103.50	
GW VOC 8260 (Standard turn)	\$72.50	ea		1.00	\$0.00	
GW Hardness	\$22.00	ea		1.00	\$0.00	
GW Oil & Grease	\$65.00	ea		1.00	\$0.00	
		ea		1.00	\$0.00	
		ea		1.00	\$0.00	
		LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$72.50	ea		1.00	\$0.00	
Level IV QA/QC (15%)						
					\$103.50	\$103.50
Direct Costs - Expenses	Price	Unit	# Units	Markup	Subtotal	Task Total
Hotel	\$120.00	day		1.00	\$0.00	
Meals	\$60.00	LS		1.00	\$0.00	
Misc Materials (PVC and fittings)	\$250.00	LS		1.00	\$0.00	
Oil, filters, etc	\$200.00	LS		1.00	\$0.00	
Municipal discharge permit fee	\$200.00	LS		1.00	\$0.00	
Wastewater disposal fees	\$300.00	LS		1.00	\$0.00	
Flow meter					\$0.00	
pH Meter					\$0.00	
Trencher (rental)	\$365.00	LS		1.00	\$0.00	
					\$0.00	\$0.00

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00	1	\$ 130.00
	Support Vehicle - Full Day	\$ 30.00		\$ 180.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.54				
Meters	Air Velocity Meter (per use)			\$ 25.00		
	Multi-meter Conductivity/pH/Temp/TDS			\$ 165.00		
	Dissolved Oxygen Meter			\$ 40.00		
	FID Foxboro/Sensidyne (TIP)			\$ 155.00		
	Flow Calibrator			\$ 30.00		
	Methane Meter			\$ 116.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
	Ozone Leak Detector			\$ 135.00		
Pumps	Inline Ozone Meter			\$ 230.00		
	ORP Meter			\$ 30.00		
	Air Pump - Low Flow (Barcad)			\$ 25.00		
	Development Pump			\$ 130.00		
	Electric Submersible Pump with Control Box (Units)			\$ 130.00		
	Low-Flow Sampling Bladder	\$ 12.00				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifolds/Tubing)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
Other	Intrinsically Safe Vapor Evacuation Blower			\$ 125.00		
	Pneumatic Low-Flow Pump - 1" Well			\$ 50.00		
	Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00		
	Asbestos Sampling Kit			\$ 250.00		
	Asbestos Investigation Supplies			\$ 130.00		
	Asbestos Sampling Core	\$ 2.50				
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 55.00		
	Data Logger with Transducer			\$ 155.00		
	Well Caps	\$ 30.00				
	Elec. Well Sounder (Probe)			\$ 30.00		
	Metal Detector			\$ 50.00		
	5035 Sample Kit	\$ 16.00				
	P/T Plugs	\$ 5.00				
	Field Book	\$ 11.00				
	Filter - Large	\$ 18.00				
	Filter - Small	\$ 9.00				
	Generator			\$ 105.00		
	Hand Auger			\$ 30.00		
	Helium QA/QC Kit			\$ 265.00		
	Helium QA/QC Accessories	\$ 20.00				
	Oil/Water Interface Probe			\$ 105.00		
	Padlocks	\$ 15.00				
	Steam Cleaner			\$ 130.00		
	Transducer (ea)			\$ 40.00		
	Coring Machine			\$ 200.00		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	NAPL Sample Kit			\$ 40.00		
	SVE Inlet Air Filter			\$ 80.00		
	SVE Dilution Air Filter			\$ 28.00		
	SVE Blower Oil (quart)			\$ 32.00		
	SVE Blower Grease (tube)			\$ 20.00		
	Ozone Air Filter Holder			\$ 18.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" OD (per foot)	\$ 1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" OD (per foot)	\$ 1.20				
	Tubing (Bonded) - Polyethylene (Teflon): 1/16" OD X 1/4" (per foot)	\$ 1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$ 1.10				
	Tubing - Polyethylene: 1/4" O.D (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					
System Wiring (per foot)	\$ 0.60					
PFA Tubing - 1/2-inch ID	\$ 5.00					
Manual Drive Point Kit	\$ 90.00					
55-Gallon Drum	\$ 55.00					
550 gal poly tank			\$ 40.00			
325 gal poly tank			\$ 30.00			
Temporary Sampling Port	\$ 25.00					
Vapor Pin Sub-Slab Sampling Port	\$ 75.00					
Sub-Slab Cover (Stainless Steel)	\$ 40.00					
Well Cover 8X12"	\$ 105.00					
Measuring Wheel			\$ 15.00			
Measuring Wheel or Pole			\$ 15.00			
Camera			\$ 25.00			
1L Tedlar Bag	\$ 20.00					
Radon Sample Kit	\$ 30.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Barricades & Traffic Signs			\$ 10.00		
	Fall Protection			\$ 25.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Routine Field and Safety Equipment			\$ 130.00			
Production	1 Inch Binder	\$ 9.00				
	2 Inch Binder	\$ 12.00				
	3 Inch Binder	\$ 15.00				
	4 Inch Binder	\$ 22.00				
	Binder Tabs (Set of 8)	\$ 5.00				
	Color Copies	\$ 0.40				
	B/W Copies	\$ 0.25	22			\$ 5.50
Document - Format/Sending	\$ 15.00					
Report CD Copy	\$ 5.00					
						\$135.50
PHASE TOTAL						\$3,099.00

Project Title:
Project Number/Name:
Date:

Remediation and Monitoring
 6154/Robinson Beloit
 3/18/2019



Phase 30d SVE System Rental - CHANGE ORDER						
Labor - Field	Price	Unit	# Units		Subtotal	Task Total
Principal	\$190.00	hr			\$0.00	
Chief Technical Officer	\$175.00	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	\$95.00	hr			\$0.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr			\$0.00	
Compliance Specialist	\$140.00	hr			\$0.00	
Vapor Intrusion Specialist	\$130.00	hr			\$0.00	
Health and Safety Specialist	\$130.00	hr			\$0.00	
		hr			\$0.00	
					\$0.00	\$0.00
Labor - Office/Reporting	Price	Unit	# Units		Subtotal	Task Total
Principal	\$190.00	hr			\$0.00	
Chief Technical Officer	\$175.00	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	\$95.00	hr			\$0.00	
Field Professional	\$95.00	hr			\$0.00	
Drafting	\$85.00	hr			\$0.00	
Admin	\$65.00	hr			\$0.00	
Compliance Specialist	\$140.00	hr			\$0.00	
Vapor Intrusion Specialist	\$130.00	hr			\$0.00	
Health and Safety Specialist	\$130.00	hr			\$0.00	
		hr			\$0.00	
					\$0.00	\$0.00
Contractors/Consultants	Price	Unit	# Units	Markup	Subtotal	Task Total
Utility Locate		LS		1.00	\$0.00	
Driller		LS		1.00	\$0.00	
Surveyor		LS		1.00	\$0.00	
Waste Disposal		LS		1.00	\$0.00	
Historical Database Report		LS		1.00	\$0.00	
Vapor Protection Services SVE System Rental	\$2,000.00	Month	4.0	1.00	\$8,000.00	
				1.00	\$0.00	
				1.00	\$0.00	
				1.00	\$0.00	
					\$8,000.00	\$8,000.00
Contractor/Consultant - Laboratory	Price	Unit	# Units	Markup	Subtotal	Task Total
GW PAH SIM	\$83.93	ea		1.00	\$0.00	
GW Lead (Total)	\$15.00	ea		1.00	\$0.00	
GW VOC 8260 (3-day turn)	\$103.50	ea		1.00	\$0.00	
GW VOC 8260 (Standard turn)	\$72.50	ea		1.00	\$0.00	
GW Hardness	\$22.00	ea		1.00	\$0.00	
GW Oil & Grease	\$65.00	ea		1.00	\$0.00	
		ea		1.00	\$0.00	
		ea		1.00	\$0.00	
		LS		1.00	\$0.00	
Trip Blank VOCs 8260	\$72.50	ea		1.00	\$0.00	
Level IV QA/QC (15%)					\$0.00	
					\$0.00	\$0.00
Direct Costs - Expenses	Price	Unit	# Units	Markup	Subtotal	Task Total
Hotel	\$120.00	day		1.00	\$0.00	
Meals	\$60.00	LS		1.00	\$0.00	
Misc Materials (PVC and fittings)	\$250.00	LS		1.00	\$0.00	
Oil, filters, etc	\$200.00	LS		1.00	\$0.00	
Municipal discharge permit fee	\$200.00	LS		1.00	\$0.00	
Wastewater disposal fees	\$300.00	LS		1.00	\$0.00	
Flow meter					\$0.00	
pH Meter					\$0.00	
Trencher (rental)	\$365.00	LS		1.00	\$0.00	
					\$0.00	\$0.00

	Direct Costs - Chargeable Equipment Expense	Rate (hr/unit)	# Hrs/Units	Rate (day/use)	# days/use	Subtotal
Vehicles	Field Vehicle - Full Day	\$ 20.00		\$ 130.00		
	Support Vehicle - Full Day	\$ 30.00		\$ 180.00		
	Mileage at Federal IRS Reimbursement Rate (used only for daily use over 230 miles)	\$ 0.54				
Meters	Air Velocity Meter (per use)			\$ 25.00		
	Multi-meter Conductivity/pH/Temp/TDS			\$ 165.00		
	Dissolved Oxygen Meter			\$ 40.00		
	FID Foxboro/Sensidyne (TIP)			\$ 155.00		
	Flow Calibrator			\$ 30.00		
	Methane Meter			\$ 116.00		
	PID or 580 OVM			\$ 120.00		
	Turbidity Meter			\$ 30.00		
	ppb RAE			\$ 175.00		
	Ozone Leak Detector			\$ 135.00		
	Inline Ozone Meter			\$ 230.00		
ORP Meter			\$ 30.00			
Pumps	Air Pump - Low Flow (Barcad)			\$ 25.00		
	Development Pump			\$ 130.00		
	Electric Submersible Pump with Control Box (Units)			\$ 130.00		
	Low-Flow Sampling Bladder	\$ 12.00				
	Peristaltic Pump			\$ 105.00		
	Pumping Test Accessory Equipment (Flow Meters/Manifolds/Tubing)	\$ 100.00				
	Portable SVE Unit - 1.5 HP			\$ 155.00		
	Intrinsically Safe Vapor Evacuation Blower			\$ 125.00		
	Pneumatic Low-Flow Pump - 1" Well			\$ 50.00		
Pneumatic Low-Flow Sampling Kit w/ Flow Cell and Multimeter			\$ 270.00			
Other	Asbestos Sampling Kit			\$ 250.00		
	Asbestos Investigation Supplies			\$ 130.00		
	Asbestos Sampling Core	\$ 2.50				
	Bailers (Disposable)	\$ 10.00				
	Bailers (Non-Disposable)			\$ 15.00		
	Core Boxes	\$ 10.00				
	Core Sampler			\$ 55.00		
	Data Logger with Transducer			\$ 155.00		
	Well Caps	\$ 30.00				
	Elec. Well Sounder (Probe)			\$ 30.00		
	Metal Detector			\$ 50.00		
	5035 Sample Kit	\$ 16.00				
	P/T Plugs	\$ 5.00				
	Field Book	\$ 11.00				
	Filter - Large	\$ 18.00				
	Filter - Small	\$ 9.00				
	Generator			\$ 105.00		
	Hand Auger			\$ 30.00		
	Helium QA/QC Kit			\$ 265.00		
	Helium QA/QC Accessories	\$ 20.00				
	Oil/Water Interface Probe			\$ 105.00		
	Padlocks	\$ 15.00				
	Steam Cleaner			\$ 130.00		
	Transducer (ea)			\$ 40.00		
	Coring Machine			\$ 200.00		
	Rotary Hammer Drill			\$ 170.00		
	Hand Drill			\$ 75.00		
	NAPL Sample Kit			\$ 40.00		
	SVE Inlet Air Filter			\$ 80.00		
	SVE Dilution Air Filter			\$ 28.00		
	SVE Blower Oil (quart)			\$ 32.00		
	SVE Blower Grease (tube)			\$ 20.00		
	Ozone Air Filter Holder			\$ 18.00		
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 3/8" OD (per foot)	\$ 1.50				
	Tubing (Bonded) - Polyethylene (Teflon): 1/4" OD X 1/4" OD (per foot)	\$ 1.20				
	Tubing (Bonded) - Polyethylene (Teflon): 1/16" OD X 1/4" (per foot)	\$ 1.25				
	Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" OD (per foot)	\$ 1.10				
	Tubing - Polyethylene: 1/4" OD (per foot)	\$ 0.60				
	Tubing - Polyethylene: 1/2" OD (per foot)	\$ 0.85				
	Tubing - Tygon: 3/8" STD (per foot)	\$ 4.45				
	Tubing - Silicone: 3/8" STD (per foot)	\$ 4.50				
	System Wiring (per foot)	\$ 0.60				
	PFA Tubing - 1/2-inch ID	\$ 5.00				
	Manual Drive Point Kit	\$ 90.00				
	55-Gallon Drum	\$ 55.00				
	550 gal poly tank			\$ 40.00		
	325 gal poly tank			\$ 30.00		
Temporary Sampling Port	\$ 25.00					
Vapor Pin Sub-Slab Sampling Port	\$ 75.00					
Sub-Slab Cover (Stainless Steel)	\$ 40.00					
Well Cover 8X12"	\$ 105.00					
Measuring Wheel			\$ 15.00			
Measuring Wheel or Pole			\$ 15.00			
Camera			\$ 25.00			
1L Tedlar Bag	\$ 20.00					
Radon Sample Kit	\$ 30.00					
HAZMAT Exemption Shipper	\$ 40.00					
Manometers	\$ 105.00					
Westlaw	\$ 105.00					
CAD/drafting/graphics	\$ 90.00					
Safety	Barricades & Traffic Signs			\$ 10.00		
	Fall Protection			\$ 25.00		
	Gloves (Chemical Resistant)	\$ 10.00				
	Level "B": Level "C1" plus SCBA			\$ 210.00		
	Level "C1": Level "C2" plus Polycoat Suit			\$ 85.00		
	Level "C2": Level "D" plus Respirator			\$ 40.00		
	Standby SCBA			\$ 130.00		
Routine Field and Safety Equipment			\$ 130.00			
Production	1 Inch Binder	\$ 9.00				
	2 Inch Binder	\$ 12.00				
	3 Inch Binder	\$ 15.00				
	4 Inch Binder	\$ 22.00				
	Binder Tabs (Set of 8)	\$ 5.00				
	Color Copies	\$ 0.40				
	B/W Copies	\$ 0.25				
	Document - Format/Sending	\$ 15.00				
Report CD Copy	\$ 5.00					
				\$0.00		\$0.00
PHASE TOTAL						\$8,000.00