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ALPHA TERRA
SCIENCE

Alpha Terra Science, Inc.
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October 21, 2008

Mr. Doug Berry
Martinizing Dry Cleaning
3319 Nobb Hill Drive
Racine, WI 53406

RE: Proposal for DERF Site Investigation for BMP Realty, Inc., 301 Main Street, Racine, WI, WDNR BRRTS # 02-52-552198

Dear Mr. Berry:

Thank you for requesting a proposal from Alpha Terra Science for the site investigation at Martinizing Dry Cleaning on Main Street in Racine, WI. We hope you find our proposal thorough and sensible.

Alpha Terra has completed more than 20 DERF investigations, and is intimately familiar with the complicated rules and reimbursement requirements of the DERF program. We are confident in our ability to maximize your reimbursement under the program and keep expenses to a minimum.

The following scope of work is proposed:

- Submit this proposal as the Site Investigation Work Plan
- Obtain a Street Opening Permit from the City of Racine for proposed borings in the alley and 3rd Street right of way
- Advance eight Geoprobe borings to a depth of 16 feet for soil assessment purposes
- Obtain a grab water sample from the boring in the 3rd Street right of way
- Complete three indoor Geoprobe borings as small diameter wells after obtaining a variance from the well construction requirements of NR141. In this manner drilling and well installation in the newly constructed City of Racine right of way does not have to occur.
- Installation of two monitoring wells per NR141 code requirements, one to 16 feet and one piezometer to 35 feet, utilizing hollow stem augers.
- Field measurement of volatile compounds in soil using a photoionization detector.
- Retain 19 soil samples for laboratory analysis of volatile organic compounds (VOCs) (typically two samples per boring).

- Sample groundwater from the five wells / piezometer quarterly for one year. This will include field measurement of geochemical parameters in the groundwater and testing of laboratory geochemical parameters from five samples. With the grab water sample, and inclusion of a WDNR required duplicate sample, a total of 25 groundwater samples for VOCs are proposed
- Retain and dispose of three drums of investigative waste (soil cuttings).
- Install one-slab vapor probe under the Common Scents parcel to the south and collect a vapor sample.
- Data evaluation, interpretation, and report preparation

BACKGROUND INFORMATION

The Martinizing Dry Cleaning facility is located in a single-story building at 301 Main Street in Racine. The drycleaning portion of the building is on the northern end, other retail stores, are located to the south.

The property history is not fully known, but based on an interview with Mr. Doug Berry, the property owner and drycleaning operator, Martinizing Dry Cleaning has been operating at this facility since approximately 1958. Drycleaning has always utilized tetrachloroethene (PCE), and the location of the drycleaning machine has always been at the mapped location near the northeast corner of the building. The machine was recently removed in mid-2008, and the store serves as a drop facility, with no wet drycleaning operations.

Solvent delivery was via drums and pump transfer through access doors on the east side of the building. The building is slab on grade, with no basement.

Extensive road and utility construction was completed along Main Street and 3rd Street in 2005. Excavation proceeded to depths of up to 30 feet, and no contaminated soil was known to have been encountered. Mr. John Rooney of the City of Racine engineering department indicated the WDOT performed an environmental assessment prior to completion of the construction activities, and no contamination issues were recognized at this location during the construction project.

STS, Inc., Milwaukee, WI (STS) completed an environmental investigation of the property in June 2008. Two borings were advanced outside near the alley, with one boring encountering refusal at 13.5 feet, and the other boring completed to 20 feet. Contaminant concentrations were noted in soil from 1 to 2 feet at relatively high concentrations, 27,600 mg/kg. Groundwater from the boring had low detections of PCE, only 3.0 ug/l.

A release to the environment was reported to the Wisconsin Department of Natural Resources (WDNR). Due to the presence of contamination, a site investigation needs to be completed to determine the degree and extent of contamination in the soil, groundwater, and, if necessary, soil vapors.

Geology / Hydrogeology

The building floor stands approximately 3 feet above the ground surface on the eastern side, as the ground surface slopes gently to the east. The entire area is covered with asphalt or concrete, with the exception of two openings in the 3rd Street sidewalk where trees have been planted.

The soils at the site are predominantly silty clay. The depth to water is approximately 6 feet below grade, and the groundwater flow direction is likely to the east toward Lake Michigan. There are extensive utilities in the area, and the more permeable backfill of the utilities may provide preferential contaminant migration pathways.

The depth to bedrock is mapped as greater than 50 feet below grade[1] and the glacial deposits are mapped as glaciolacustrine[2].

There are no private water supply wells known to be functional within 100 feet of the site.

OBJECTIVE

The purpose of the project is to define the extent of PCE and related breakdown products in the site soil and groundwater. The presence or absence of PCE vapors beneath the businesses that share the building must also be evaluated. Sufficient detail is needed to evaluate remedial options.

PROPOSED SCOPE OF WORK AND DERF DECLARATION

The scope of work and cost estimate has been broken down on a task-by-task basis for your convenience.

As required by the WDNR, the following statements must be included in environmental services proposals for DERF projects. Services will be performed in accordance with Chapters NR 169, NR 140, NR 141, and NR 700 *et seq* of the Wisconsin Administrative Code. Alpha Terra Science will provide to the WDNR, upon request, all documents and records related to the contracted services. We will make available to the WDNR for inspection and copying, upon request, all documents and records related to the contract services. Alpha Terra has not prepared this bid in collusion with any other consultant submitting a bid on this site and all services will be performed in an ethical, professional and timely manner.

Insurance information for Alpha Terra Science can be provided. Alpha Terra Science has and will maintain the necessary insurance and deductible coverages specified by NR169.

As the project unfolds and results become known, the site conditions may necessitate changes to the project. To maintain DERF eligibility, all changes to the scope of the project and the budget will be discussed and approved by you and the WDNR project manager prior to implementation.

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[1] Trotta, L.C., and Cotter, R. D., 1973, "Depth to Bedrock in Wisconsin", WGNHS Map
[2] Hadley, D.W., and Pelham, J. H., 1976, "Glacial Deposits of Wisconsin, WGNHS / UW Extension Map # 10

We have reviewed the provided information and are aware of the site conditions. Per NR169.23(3)(b), we are fully informed about the project scope, have the expertise to analyze alternatives and design the most suitable response actions, and will provide the necessary staff to plan, design, construct and complete the site investigation.

Task 1: Preparation/Approval of an NR 716 Site Investigation Work Plan

The detail provided in this proposal should be sufficient to serve as the Site Investigation Work Plan. Approval of the scope of work and budget will be obtained from the WDNR prior to implementing the field investigation.

Task 2: Field Investigation, Geoprobe, Grab Water Sample, Vapor Sample

Soil contamination was relatively high in the soil east of the building. The extent of contamination needs to be defined. Likely sources of contamination include the former drycleaning machine, the location where PCE was delivered via drum or hose, and the location where dumpsters may have held discarded filters or other solvent carrying equipment or containers.

Use of a Geoprobe (direct push style) drill rig is the most effective way to evaluate these potential source areas. Eight borings, including four inside the building, will be advanced to a depth of sixteen feet at the proposed locations on Figure 1 (GP-2 thru GP-9).

During drilling of all borings, continuous soil samples will be collected for soil classification and field screening for the presence of VOCs using a photoionization detector (PID). Two soil samples from each boring will be retained for laboratory analysis of VOCs (16 total).

One grab water samples will be obtained from boring GP-4. This boring will be installed in the earthen opening in the concrete sidewalk to avoid damage to the newly constructed sidewalk on 3rd Avenue. Installation of borings in the right of way requires a Street Opening Permit, but does not require permission of the City Council, as a monitoring well installed on City Property would require. The cost for the permit is $125, and this cost is not eligible for reimbursement under DERF. The grab water sample will be obtained using individually dedicated tubing and a peristaltic pump from inside slotted Schedule 40 PVC. The water sample will be obtained approximately one week after installation, as it is anticipated it will take the water some time to enter the well through the tight silty clay formation.

The borings will be abandoned upon completion, and all downhole equipment will be decontaminated with an alconox and water solution between borings.

Three of the indoor Geoprobe borings will be completed as monitoring wells. The reason these wells should be installed is to avoid the need for well installations off-property on the newly constructed City right of way. A variance to the NR141 well construction code will be obtained for installation of these borings as long term monitoring points. The wells will be installed using

approximately 1-inch diameter Schedule 40 PVC, with a prepacked well screen, foam and bentonite sleeve. The WDNR has previously approved use of this technique in areas where installation of full NR141 monitoring wells is not feasible.

The WDNR requires evaluation for the presence of sub-slab vapor contamination as part of an investigation. It is likely the subslab soil adjacent to the drycleaning machine will contain elevated levels of PCE, and the soil chemistry results from the borings proposed for beneath the drycleaner floor will identify whether subslab vapors are present. Testing of the subslab vapors beneath the adjacent Common Scents store is proposed. One sub-slab vapor probe will be installed through the floor of the building in the Common Scents store. The concrete will be penetrated using a hammer drill and then a copper and brass fitting will be cemented into the hole, with a threaded cap. One vapor sample of the sub-slab air will be obtained using summa-type canisters for laboratory analysis of VOCs by method TO-15. The reported analytical results will be limited to chlorinated compounds.

Task 4: Well Installation, Development and Surveying

Two NR 141 monitoring wells are proposed for installation in addition to the three indoor NR141 variance wells described above, resulting in a five well monitoring network. Proposed well and piezometer locations are mapped on Figure 1, and are located on the drycleaner property adjacent to the eastern building wall.

The drilling will be conducted using a traditional truck-mounted drill rig with hollow stem augers. An 8-inch diameter boring will be drilled, with continuous soil samples retained. As described previously, soil samples will be field screened for the presence of VOCs. The monitoring well will be advanced to an estimated depth of 16 feet below grade, with a 2-inch diameter Schedule 40 PVC well installed per NR141 code requirements. The piezometer will be advanced to 35 feet below grade, with a 5-foot screened interval. All wells will be installed flush with the ground surface, with traffic weight protective covers.

Three soil samples for lab analysis of VOCs will be obtained from the well borings, including a deep sample near the piezometer base.

Soil cuttings displaced during drilling will be drummed and stored on-site until they can be properly discarded. Upon receipt of the laboratory analytical results, the drummed soil can be approved for landfill disposal. Generation of three drums of soil cuttings is anticipated. Disposal costs in this proposal assume the soil will be characterized as non-hazardous waste.

Upon installation, the monitoring wells will be surveyed and developed per NR141 code.

Task 5: Groundwater Monitoring (Four Quarterly Sample Events)

After the wells have been installed and developed, groundwater will be sampled from all five NR141 wells and the piezometer for four quarters. Dedicated bailers or tubing will be used at all wells to prevent the potential for cross-well contamination. Field measurement of stable water elevations will be completed prior to sampling, and monitoring of field geochemical parameters (pH, temperature, dissolved oxygen, oxidation reduction potential, conductivity) will be performed.

Laboratory analysis will include testing for VOCs from all locations plus a duplicate sample, for a total of six VOC samples per event. A trip blank sample will also be run for quality control purposes. During the second or third groundwater sampling event, laboratory analysis will also be completed for geochemical parameters. Testing for methane, ethane, ethene, sulfate, nitrate plus nitrogen, and dissolved iron and manganese will be performed. These parameters can help determine if the site will be a good candidate for reductive dechlorination.

Tasks 3 and 6: Data Evaluation, Interpretation, Reporting

Once the soil, groundwater, and vapor sample laboratory results are received, the data will be tabulated, mapped, and interpreted. Upon receipt of the first round of groundwater data, the information will be assessed and a brief report prepared that presents the findings. Modifications to the scope of work, if necessary, may be proposed at that time.

After completion of four quarters of sampling and the investigative activities are complete, a Site Investigation Report will be prepared. The report will present the investigation findings in a concise manner, and will include all supporting data.

If the extent of contamination has been adequately defined, and some sort of remediation is warranted, a Remedial Action Options (RAO) report will need to be completed. Further consultant proposals will need to be obtained prior to implementation of the remedial action, per the requirements of DERP.

Task 7: Project Management

Project management activities include obtaining an NR141 well variance, permission for drilling in the right of way, bidding the drilling and laboratory services, scheduling, management, invoicing, budget tracking, and subcontractor invoice evaluation. Alpha Terra Science will track the project budget on a monthly basis versus the approved amount on our invoices.

ESTIMATED COSTS

The site investigation cost estimate (Tasks 1 to 7) for the work described above is shown on Table 1. Mileage, travel, and per diem (meals) are not eligible expenses under the DERF program, and we do not charge for these items on any DERF project.

Drilling and laboratory charges (subcontractor services) will be invoiced directly to you for payment. Alpha Terra Science will review the invoices for compliance with the bid rates and quantities prior to submittal to you for payment.

Alpha Terra Science will not exceed this cost without your notification and approval. With the exception of the cost for the City of Racine permit ($125), all the proposed investigation costs are expected to be eligible for DERP reimbursement.

DERP ISSUES AND DEDUCTIBLE

The State has a reimbursement fund called DERF that helps pay for most of the cost of cleaning up contamination from dry cleaner sites. The program is administered by the WDNR and has a program deductible of $10,000, with eligible expenses above $10,000 covered at a rate of 100% up to a total cost of $200,000. Some matching coverage is required for expenses above $200,000. The maximum eligible reimbursement amount is $500,000 per site.

Investigation and clean up at drycleaner facilities can be costly, and if there is significant contamination, completion of the project in a manner that will maximize your reimbursement is essential. Our objective at Alpha Terra Science is to complete all tasks in a manner that minimizes your out-of-pocket expenses. We will comply with the requirements of ch NR 169, NR 140, and NR 700 to make sure expenses are eligible for reimbursement when it is time to file a reimbursement claim.

DERF claims can be submitted at certain milestones during the project, to allow you to get reimbursement for funding of subsequent environmental activities. Several DERF claims will be submitted during the life of a typical project. We have submitted more than 500,000 in DERF claims thus far, with no ineligible expenses on any of our projects.

SCHEDULE

Work could proceed immediately upon award of the project. Details regarding the schedule are provided below:

Selection of Consultant	3 – 4 weeks
WDNR Approval of Proposal / Work Plan	Up to 45 days after submittal
Permit, NR141 Variance, bids, coordinate	2 weeks
Geoprobe Borings and Wells, Develop, Sampling	2-3 days
Laboratory Results	3-4 weeks after drilling
Groundwater Sampling	Quarterly for one year
Data Evaluation	On-going
Site Investigation Report	Late 2009

QUALIFICATIONS

All Alpha Terra Science staff members working on the technical aspects of the project have college degrees in geology, hydrogeology, or engineering and a minimum of 15 years experience in environmental consulting. We will provide qualified technical reviewers to advise the owner on the project, and will work toward the remedial goal of closure. Our track record on previous DERF sites includes a 100% rate of reimbursement, with no ineligible expenses.

Alpha Terra Science is a qualified environmental consulting firm with extensive experience in environmental assessments, site investigation, and remediation, particularly under the state reimbursement programs. We are the leading provider of consulting services for the Agricultural Chemical Reimbursement Program (ACCP), which is a reimbursement program for fertilizer and pesticide releases that is even more stringent in their reimbursement rules than the drycleaning fund. We have also completed hundreds of projects under the PECFA program.

Alpha Terra Science is located in both Plymouth and Mosinee, Wisconsin and serves clients throughout the state. The distinguishing characteristics of investigations and reports completed by Alpha Terra are the thoroughness and professional presentation of findings. We are a smaller firm with highly skilled and dedicated individuals with extensive experience in environmental evaluations.

Summaries of projects that we have completed with similar conditions as your situation have been attached.

The following paragraphs provide a synopsis of the qualifications of key staff for this project. References for Alpha Terra Science are attached.

Kendrick Ebbott is a Certified Ground-Water Professional and Wisconsin Professional Geologist with over 20 years of professional consulting experience. Mr. Ebbott's areas of specialty include soil and groundwater remediation and site investigation related to a wide variety of contaminants. His project experience includes extensive work with DERP, PECFA and ACCP sites.

Amy Haak is a Wisconsin Professional Geologist and hydrogeologist with over 15 years of consulting experience. Ms. Haak has managed PECFA, Brownfield and ACCP projects, and specializes in obtaining case closure at facilities where difficult conditions persist. She has extensive experience with the investigation and remediation of petroleum, chlorinated compound, and agrichemical releases, as well as sites with multiple contaminant types.

Kyle Kutcher, Environmental Technician, has earned a B.S. degree in Geology with an emphasis in Hydrogeology at the University of Wisconsin - Oshkosh. He has completed many hydrogeology courses in college including Physical, Chemical and Field Hydrogeology. Mr. Kutcher completes many of the field activities including drilling, soil and groundwater sampling, and remediation system operations and maintenance.

Jerry Phelan holds a B.S. in Mechanical Engineering from the University of Wisconsin - Madison. He has managed projects in environmental investigation and has designed/installed a wide variety of remediation systems. Using his 25 years of experience, he has supervised teams of environmental professionals including engineers, hydrogeologists, scientists, and technicians. Mr. Phelan will provide engineering oversight where necessary for this project.

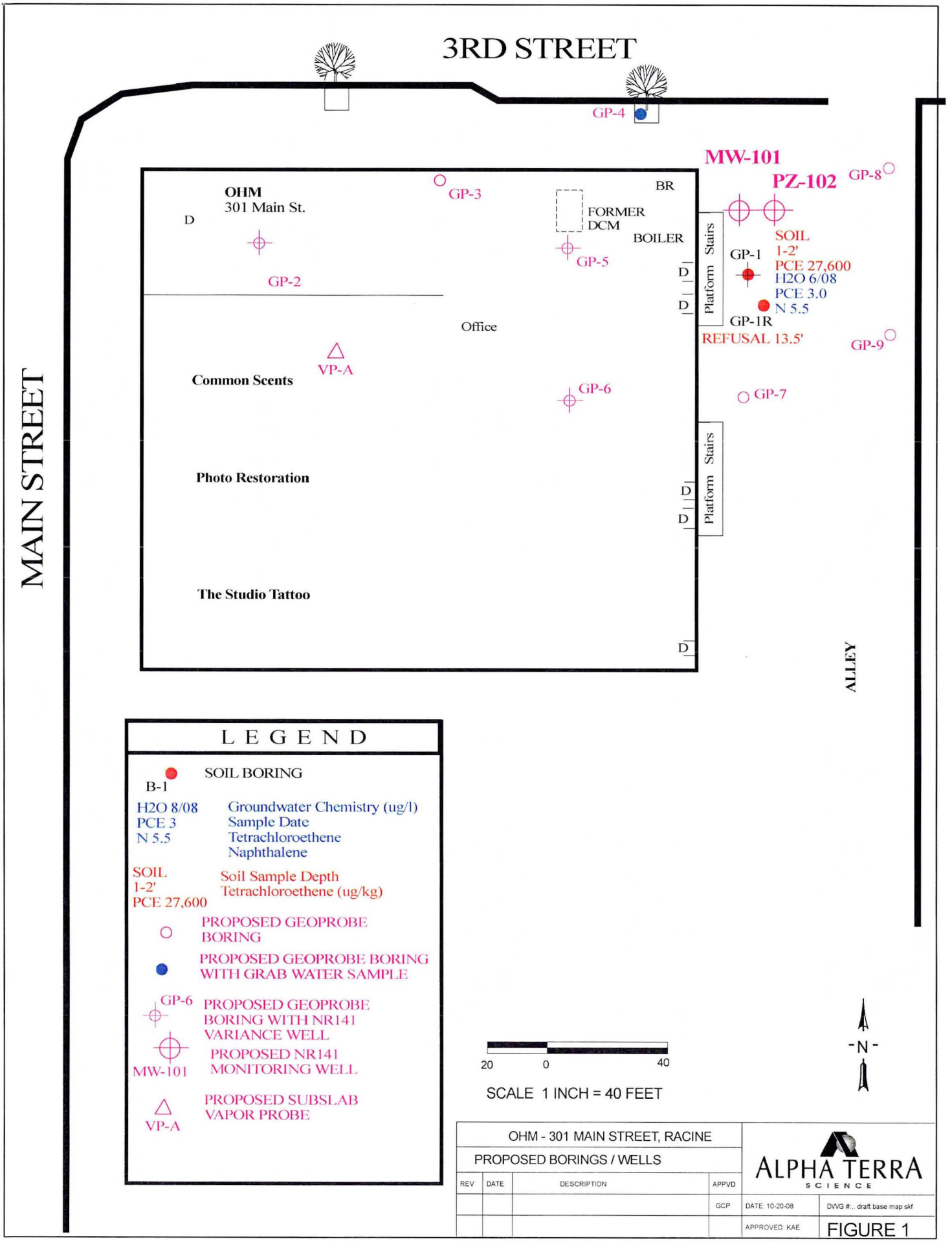
I hope you agree that this proposal provides a cost effective way to evaluate the environmental issues at your site. If you have any questions, please give me a call. I look forward to hearing from you.

Sincerely,

Kendrick Ebbott, P.G.
Geologist

Attachments: Figure 1: Proposed Borings / Wells
Table 1: Site Investigation Cost Estimate
DERP Bid Summary Sheets
Fee Schedule
Rental Equipment and Field Supplies Rate Sheets

cc: Ms. Shanna Laube-Anderson, WDNR, 9531 Rayne Road, Suite 4, Sturtevant, WI 53177



OHM - 301 MAIN STREET, RACINE					
PROPOSED BORINGS / WELLS				ALPHA TERRA SCIENCE	
REV	DATE	DESCRIPTION	APPVD		
			GCP	DATE: 10-20-08	DWG #:.. draft base map.skf
				APPROVED: KAE	FIGURE 1

TABLE 1: Cost Estimate Site Investigation
October 20, 2008 : DERP Site
301 Main Street, Racine, WI

ITEM DESCRIPTION	Unit Price	Quantity	Units	Total Cost
CONSULTING SERVICES				
Task 1: NR 716 Work Plan				
Sr. Hydrogeologist	$90.00	0	hour	$0.00
Drafting	$55.00	0	hour	$0.00
Subtotal Task				*$0.00*
Task 2: Field Investigation: Geoprobe, Grab Water Samples, Vapor Sample				
Sr. Hydrogeologist	$90.00	1	hour	$90.00
Field Technician / Geologist (indoor drill)	$65.00	5	hour	$325.00
Field Technician / Geologist (Vapor Probe Instl)	$65.00	2	hour	$130.00
Field Technician / Geologist (outdoor drill)	$65.00	5	hour	$325.00
Field Technician / Geologist (develop, survey)	$65.00	3	hour	$195.00
Field Technician / Geologist (Sample GW 1 well)	$65.00	1	hour	$65.00
Field Technician / Geologist (sample Vapor)	$65.00	2	hour	$130.00
WL Meter, peristaltic	$61.00	1	day	$61.00
PID	$75.00	1	each	$75.00
City Racine Street Opening Permit	$125.00	1	each	$125.00
Vapor Supplies, Hammer Drill	$85.00	1	day	$85.00
Field Equip (gloves, ziploc, ice, dist, etc.)	$10.00	2	day	$20.00
Subtotal Task				*$1,626.00*
Task 3: Data Evaluation and Brief Report				
Sr. Hydrogeologist	$90.00	10	hour	$900.00
Sr. Technician	$65.00	8	hour	$520.00
Drafting	$55.00	4	hour	$220.00
Subtotal Task				*$1,640.00*
Task 4: Field Investigation: Well Installation - 1 well and Piezometer				
Sr. Hydrogeologist	$90.00	1	hour	$90.00
Field Technician / Geologist (outdoor drill)	$65.00	8	hour	$520.00
Field Technician / Geologist (Develop, Survey)	$65.00	4	hour	$260.00
Field Technician / Geologist (drums)	$65.00	2	hour	$130.00
WL Meter	$21.00	1	day	$21.00
Survey gear	$35.00	1	day	$35.00
PID	$75.00	1	each	$75.00
Field Equip (gloves, ziploc, ice, dist, etc.)	$10.00	2	day	$20.00
Subtotal Task				*$1,151.00*
Task 5: Groundwater Sampling (four quarters, one year)				
Sr. Hydrogeologist	$90.00	2	hour	$180.00
Sr. Tech.- GW Sample 3 indoor, 2 outdoor	$65.00	25	hour	$1,625.00
Chemistry Meter	$125.00	2	day	$250.00
Filters	$20.00	5	each	$100.00
WL Meter	$21.00	2	each	$42.00
Bailers, Rope, tubing	$15.00	5	each	$75.00
Field Equip (gloves, ziploc, ice, dist, etc.)	$10.00	4	each	$40.00
Subtotal Task				*$2,312.00*
Task 6: Data Eval, Site Investigation Report Preparation				
Sr. Hydrogeologist	$90.00	20	hour	$1,800.00
Drafting	$55.00	10	hour	$550.00
Administrative	$50.00	2	hour	$100.00
Subtotal Task				*$2,450.00*
Task 7: PM & Coordination				
Sr. Hydrogeologist	$90.00	12	hour	$1,080.00
Subtotal Task				*$1,080.00*
CONSULTING SERVICES TOTAL				**$10,259.00**

TABLE 1: Cost Estimate Site Investigation
October 20, 2008 : DERP Site
301 Main Street, Racine, WI

ITEM DESCRIPTION	Unit Price	Quantity	Units	Total Cost
COMMODITY SERVICES : BILLED DIRECTLY TO CLIENT				
Task 2: Field Investigation: Geoprobe, Grab Water Samples, Vapor Sample				
Inside and Outside Geoprobe Drilling 3 prepak wells inside, 1 TW outside, 4 borings				
Mobilization	$350.00	1	lump	$350.00
Inside Drill / Sample 4 @ 16'	$7.00	64	foot	$448.00
Outside Drill / Sample 4 @ 16'	$7.00	64	foot	$448.00
PVC Well Outside	$4.50	16	foot	$72.00
Well Install PrePack Screens	$15.00	feet	30	$450.00
Foam Seal	$35.00	each	3	$105.00
Bentonite Sleeves	$65.00	each	3	$195.00
Riser / Bentonite Install	$4.00	feet	15	$60.00
Flush Covers (installed)	$100.00	each	3	$300.00
Diggers Hotline / Report	$75.00	1	lump	$75.00
Abandonment	$0.00	64	foot	$0.00
Decontamination	$75.00	1	hour	$75.00
Subtotal Geoprobe Drilling				$2,578.00
Lab Work (DERF Annual Bid)				
VOC- Soil	$52.00	16	each	$832.00
VOC- Groundwater (outside Geoprobe TW)	$50.00	1	each	$50.00
Vapors Summa Canister TO-15 VOCs	$250.00	1	each	$250.00
Subtotal Lab				$1,132.00
SUBTOTAL TASK				***$3,710.00***
Task 4: Field Investigation: Well Installation - 1 well and 1 Piezometer				
Drilling & NR 141 Monitoring Well Installation (1 wells at 16', 1 piezo at 35')				
Mobilization	$450.00	1	lump	$450.00
Drill w/Continuous Sampling	$13.00	35	foot	$455.00
Well / Piezometer Installation	$13.00	51	foot	$663.00
Blind Drill	$11.00	16	foot	$176.00
Flush Mount Covers	$140.00	2	each	$280.00
Drums	$40.00	3	each	$120.00
Decontamination / Report	$100.00	1	lump sum	$100.00
Subtotal Well Installation				*$2,244.00*
Investigative Waste Disposal (assume non-hazardous)				
Trip Charge	$150.00	1	lump	$150.00
Drum Disposal Soil	$65.00	3	lump	$195.00
Fuel Surcharge	$75.00	1	lump	$75.00
Subtotal Waste Disposal				*$420.00*
Lab Work (DERF Annual Bid)				
VOC- Soil	$52.00	3	each	$156.00
SUBTOTAL TASK				***$2,820.00***
Task 5: Groundwater Sampling (four quarters, one year, 3 inside wells, 2 outside wells)				
Lab Work (DERF Annual Bid)				
VOC- Groundwater (5 wells + dup)	$50.00	24	each	$1,200.00
NA Parameters - GW	$77.00	5	each	$385.00
SUBTOTAL TASK				***$1,585.00***
TOTAL PROJECT COST				**$18,374.00**

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

DERF Site Investigation Bid Summary
Consultant Selection Cover Sheet

Form 4400-233 (R 4/04) Page 1 of 6

Notice: Use this form to notify the Department of Natural Resources of the consultant you are selecting to conduct a site investigation and to submit and summarize the bids required in the Dry Cleaner Environmental Response Fund (DERF) Program. This form is authorized under s. 292.65, Wis. Stats. and s. NR 169.23, Wis. Adm. Code. Completion of this form is mandatory for any person applying for DERF reimbursement. Persons who do not submit a completed form will not be eligible for reimbursement under DERF. Personal information will be used to manage the DERF program, and be made available to requesters under Wisconsin's Open Records laws (ss. 19.32-19.39, Wis. Stats.) and requirements.

Complete the following information and submit it to your DNR regional project manager. Copy this form as necessary.

Site Information

Site name: Martinizing Dry Cleaning	**Facility Name: Martinizing Dry Cleaning, 301 Main Street, Racine, WI**	**BRRTS # 02-52-552198**

Consultant Selected

Consultant Name: Alpha Terra Science	**Consultant Address: 1237 Pilgrim Road, Plymouth, WI 53073**

Summary of Costs:

Consultant Name: Alpha Terra Science	
Consulting costs:	9235.00
Drilling costs:	4822
Analytical costs:	2873
Miscellaneous costs:	1444
Total Costs:	18374.00

Consultant Name:	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
Total Costs:	

Justification for Selection:

Consultant Name:	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
Total Costs:	

Optional 4th bid information:

Consultant Name:	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
Total Costs:	

Applicant Information and Certification

I certify that the information contained above is true and correct to the best of my knowledge.

Applicant Name:		Date	
Street Address:	City :	State: WI	Zip Code:

Signature

Department Use Only

Project Manager Approval Signature	Phone Number	Date

If not approved, reason for non-approval:

DERF Site Investigation Bid Sheet
Consultant Bid Summary

Site Information

Site Name: Martinizing Dry Cleaning, 301 Main Street Racine, WI

Consultant Name: Alpha Terra Science	Applicant Name: Douglas Berry, BMP Realty, Inc.

Bid Summary

Drilling Costs Total =	4822.00	
Analytical Costs Total =	2873.00	
Consulting Costs Total =	9235.00	
Misc Costs Total =	1444.00	
Grand Total =	18374.00	

I certify that the costs are an accurate estimate of my total projected costs for the site investigation and I understand and will adhere to s.292.65 Stats. and ch NR 169, Wis. Adm. Code.

Consultant Signature	Date: Oct 21, 2008

Please attach to these forms a written narrative specifying how the tasks outlined in these sheets will be performed.

Consultant Name:Alpha Terra Science
Site Name:Martinizing Dry Cleaning, Racine
BRRTS#: 02-52-552198 Date: Oct 21, 2008

DERF Site Investigation Bid Sheet
Drilling Costs

Drilling Costs						
Task	Interval	Number of Borings or Wells	Number of Days	Total Number Feet Drilled	Cost/feet, Day or Well	Total Cost
Well installation and Completion						
M W and Piezo	0 to 35 feet	2	1	51	13	663
	35					
	0 to 18 feet					
Flush Mount Lids			2		140	280
Decontamination Costs			1		100	100
Mobilization Costs			1		450	450
Auger Borings (continuous sampling)						
Monitoring Wells	0 to 18 feet	1	1	0	13	0
Piezometer	35	1	0	35	13	455
Blind Drill	0 to 18 feet	1	0	16	11	176
				0		0
Decontamination Costs						
Mobilization Costs						
Auger Borings (specify split spoon sampling interval)						
Piezometer blind drill	0 ft to 32 ft					
	___ ft to ___ ft					
	> ___ ft					
Decontamination Costs						
Mobilization Costs						
Direct Push Borings (per point)						
Continous Sample	< _55__ ft depth	8		128	7	896
Diggers / Report	__0 -32 ft depth	0		1	75	75
PVC Well Supplies	< _55__ ft depth	1		16	4.5	72
Decontamination Costs			1		75	75
Mobilization Costs			1		350	350
Well Development (if done by subcontractor)						
	Monitoring Wells					
	Piezometers					
	Recovery Wells					
Other						
Drums		3			40	120
Small Diameter Flush Cover		3			100	300
Prepak Well Screen		30			15	450
Well Riser with Bentonite		3			100	300
Riser / Bentonite foot		15			4	60
Total Drilling Costs						4822

Consultant Name:Alpha Terra Science
Site Name:Martinizing Dry Cleaning, Racine
BRRTS#: 02-52-552198 Date: Oct 21, 2008

DERF Site Investigation Bid Sheet
Laboratory Costs

Parameter	WI Certified Lab			Field Test/Field Kit			Mobile Lab			
	$/ sample	# samples	Method Used	$/ sample	# samples	Method Used	$/Sample $/Day	# Samples # Days	Method Used	Total Costs
Solids Analysis										
VOCs	52	19	8260							$988.00
TCLP										$0.00
RCRA Metals										$0.00
Duplicate Analyses										$0.00
Blank Analyses	0	2	8260							$0.00
Other: (Specify)										$0.00
										$0.00
Water Analysis (low flow sampling assumed unless otherwise indicated at bottom of this sheet)										
VOCs	50	21	8260							$1,050.00
Nitrate*	8	5	353.2							$40.00
Dissolved Oxygen*	0	16				Field				$0.00
Temperature*	0	16				Field				$0.00
Ferrous Iron*	8	5	8146							$40.00
Sulfate*	8	5	375.4							$40.00
Sulfide*										$0.00
ORP*	0	16				Field				$0.00
pH*	0	16				Field				$0.00
TOC*	35		415.2							$0.00
Alkalinity*	9		310.2							$0.00
Chloride*	9		300							$0.00
Spec. Conductance*	0	16				Field				$0.00
Ethene/Ethane/Methane*	45	5	8015							$225.00
Hydrogen*										$0.00
Carbon Dioxide*										$0.00
RCRA Metals										$0.00
Duplicate Analyses (VOC)	50	4	8260							$200.00
Blank Analyses	0	4	8260							$0.00
Other: Manganese	8	5	6010B							$40.00
										$0.00
Air Analysis										
VOCs - Summa Canister	250	1	TO-15							$250.00
TCE										$0.00
PCE (minimum detection limit is <10 ppbv)										$0.00
Other: (Specify)										$0.00
										$0.00
Waste Analyses (soil/water)										
										$0.00
										$0.00
Miscellaneous (specify)										
										$0.00
Charge for Mobile Lab (indicate # days and daily fee)										
Total Analytical Costs										$2,873.00

* Natural Attenuation parameters required for consideration of NA as remedy.

Standard bailer purge sample method

Consultant Name:Alpha Terra Science
Site Name:Martinizing Dry Cleaning, Racine
BRRTS#: 02-52-552198 Date: Oct 21, 2008

DERF Site Investigation Bid Sheet
Consulting Costs

		Hours/Task																		
																	Other (specify)			
Position (specify)	Hourly Rate	Workplan Development	Access	Receptor Survey	Waste Determination	Drilling Oversight	Soil Sampling	Drilling sampling	Well Development	Hydraulic Conductivity Test	Groundwater sampling	Soil gas/vapor intrusion survey	SSRCL calculations (contained out or remedial actions)	SI Report preparation	RAOR Report preparation	Project Management	Data evaluation/ initial report	Survey Well Elevations		Total Costs
Professional Staff																				
Sr Hydro	90					1		1			2			20		12	10			$4,140.00
Geologist / Sr. Tech	65				2									0			8			$650.00
																				$0.00
																				$0.00
																				$0.00
Field Staff																				
Sr. Tech	65						10	8	6		26	4						1		$3,575.00
																				$0.00
																				$0.00
																				$0.00
																				$0.00
Office Support Staff																				
Drafting	55													10			4			$770.00
Administrative Assist.	50													2						$100.00
																				$0.00
																				$0.00
																				$0.00
Total Consulting Costs		$0	$0	$0	$130	$90	$650	$610	$390	$0	$1,870	$260	$0	$2,450	$0	$1,080	$1,640	$65	$0	$9,235

Consultant Name:Alpha Terra Science
Site Name:Martinizing Dry Cleaning Racine
BRRTS#: 02-52-552198 Date: Oct 21, 2008

DERF Site Investigation Bid Sheet
Misc. Costs

Major Activity	Specifications	Commodity Unit (specify)	Unit Rate	Number of Units	Total Cost
IDW Disposal					
Drum Disposal Soil	Non-Hazardous	Drum	65	3	195
Drum Disposal - Groundwater	Non-Hazardous	Drum	120	0	0
Transport / Pickup	Non-Hazardous	Drum	150	1	150
Fuel surcharge		trip	75	1	75
Equipment Rental (list and include shipping costs if applicable)					
PID		day	75	2	150
Water Level Indicator		day	21	4	84
Peristaltic Pump		day	40	1	40
		day			
Multi-parameter Water Quality Meter		day	125	2	250
		day			0
Field Supplies (list)					
Hammer Drill, Vapor supplies		day	85	1	85
Expendible Field Supplies- soil sampling: Ice, Gloves, etc		each	10	8	80
Dedicated Bailers		each	15	5	75
Filters		each	20	5	100
		each			0
Surveying					
Survey Gear		day	35	1	35
Personal Protection Equipment (list)					
Sample Shipping Costs					
Other (specify)					
City Permit for ROW		lump	125	1	125
Total Miscellaneous Costs					$1,444.00

Reminders: DERF does not reimburse for attorney, closure or GIS fees. Mileage and meals are also non-reimbursable. Also, costs to prepare a reimbursement application and discuss the application with the department are not reimburseable. No expedited shipping w/o prior PM approval.

Fee Schedule

PROFESSIONAL CLASSIFICATION	LEVEL	HOURLY RATE
Engineers, Hydrogeologists,	I	$65
Geologists &	II	$75
Environmental Scientists	III	$80
	IV	$85
	V	$90
Technician	I	$60
	II	$65
Drafter		$55
Administrative Assistant	I	$40

Expenses: Equipment - see Rental Equipment Form
All other expenses at cost