

**PROPOSED SITE INVESTIGATION
CHLORINATED VOLATILE ORGANIC COMPOUND RELEASE**

**MARTINIZING DRYCLEANING
1730 STATE STREET
RACINE, WISCONSIN**

WDNR BRRTS #02-52-549890

October 23, 2007

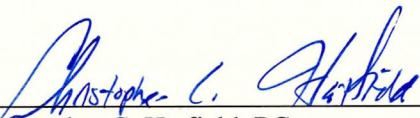
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Proposal Number: P3368



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Registered Geologist

CCH/lmh



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1.0 EXECUTIVE SUMMARY

This proposal outlines Northern Environmental Technologies, Incorporated's (Northern Environmental's) technical approach, schedule, cost, and personnel to evaluate the extent of a chlorinated volatile organic compound (CVOC) release identified at Martinizing Drycleaning, 1730 State Street, Racine, Wisconsin (the Site). A Phase II environmental site assessment completed during May 2007 identified CVOC contamination at the Site. The discovery of the release was reported to the Wisconsin Department of Natural Resources (WDNR) and an application to enter the WDNR Dry Cleaner Environmental Response Program (DERP) was submitted.

The objective of the site investigation is to evaluate soil and groundwater quality and to determine the extent of the CVOC release. This information is essential in determining the risk to human health and the environment associated with the release and evaluating the necessity of a remedial action program. Consulting and engineering services will be provided from Northern Environmental's Mequon office by project staff familiar with WDNR and DERP regulations and personnel.

The proposed scope of work includes reviewing site data, developing a project workplan, and installing a minimum of six boreholes/monitoring wells. Soil samples will be collected during the construction of the monitoring wells and two soil samples will be analyzed for volatile organic compounds (VOCs). All exterior wells will be constructed using a truck-mounted hollow stem auger drill rig. All interior wells will be constructed using a cart-mount GeoProbe® unit. The groundwater monitoring wells will be sampled once and analyzed for VOCs. After the investigation is complete, data will be interpreted to estimate the extent, fate, and human and environmental health impacts of identified contaminants. A site investigation report will be prepared summarizing the investigation results.

Work on the project can begin immediately. We anticipate the workplan will be approved and the monitoring wells can be installed within four weeks of project initiation. The project will be completed on a time-and-materials basis at a probable cost of **\$13,484**.

Northern Environmental employs more than seventy engineers, hydrogeologists, environmental scientists, and technical specialists in ten offices in Wisconsin, Illinois, Iowa, and Michigan. Northern Environmental has extensive experience working on similar projects in the local area and is well respected by local regulatory agency personnel and staff. We have worked with the DERP fund since its inception in early 2000 and have an excellent reimbursement track record.

To best serve you, the Northern Environmental project team is experienced in:

- ▲ Soil and Groundwater Investigations for hazardous chemical releases
- ▲ WDNR Liaison and Negotiation
- ▲ Remedial Alternatives Evaluation
- ▲ Remedial Action Program Design and Implementation
- ▲ Commodity Service Bidding and Contract Administration

The project team includes licensed professional engineers and geologists and certified hydrogeologists experienced in providing investigative and remedial services. We believe the complementary capabilities and areas of specialization of the project team form a group of experts uniquely qualified to provide the requested services and achieve site closure.

2.0 WE PROVIDE SOLUTIONS

Northern Environmental Technologies, Incorporated (Northern Environmental) was founded during 1988. The company's philosophy stresses prompt service and practical and timely solutions to our clients' concerns. The company quickly established itself as one of Wisconsin's leading environmental firms. Northern Environmental gained experience and expertise in a wide range of environmental service areas and soon developed the reputation of being a client friendly full-service environmental consulting and engineering firm servicing the entire Upper Midwest. We offer a full suite of environmental services, including:

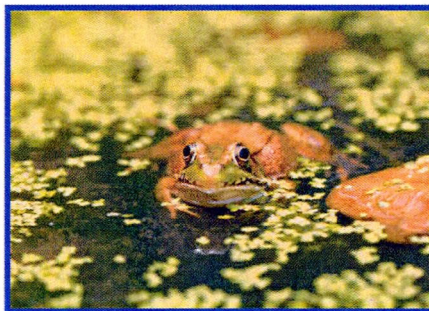
Contaminant Management



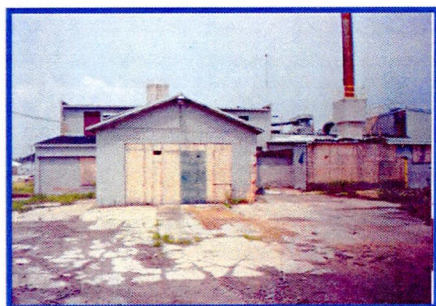
Solid/Hazardous Waste
Petroleum Investigation and Remediation
Chemical Investigation and Remediation
Emergency Spill Response

Natural Resource Management

Lake and Stream Management
Wetland Management
Land Management
Resource Inventory, Assessment and Planning
Public Outreach



Property Assessment and Improvement



Brownfield Redevelopment
Mold, Asbestos and Lead Based Paint
Environmental Assessment
Non-Metallic Mining Services

Civil Engineering

Infrastructure Planning and Design
Surveying
Septic Site Evaluation
Water Supply
Storm-Water Management and Erosion Control
Hydrology and Hydraulics



Facility Management



Liquid and Bulk Storage Design and Compliance
Industrial Waste Water
Pollution Prevention and Counter Measures
Health and Safety Compliance
Transportation and Regulatory Compliance
Risk Management Planning

Our staff and expertise includes environmental professionals of many disciplines. We take pride in the fact that we are an *environmental consultant* specializing in contaminant management projects, not a civil engineering firm dabbling in environmental-related work. Therefore, we are able to provide unique and innovative solutions to contaminant management challenges.

Our firm resume and list of professional certifications, registrations, and memberships is included in Appendix A.

3.0 NORTHERN ENVIRONMENTAL UNDERSTANDS YOUR PROJECT

Northern Environmental is pleased to submit this proposal to BMP Realty for consulting services associated with a chlorinated volatile organic compound (CVOC) release at 1730 State Street, Racine, Wisconsin (the Site). The Site consists of one building containing a dry cleaning distribution store and a laundromat.

Northern Environmental completed a Phase II environmental site assessment (ESA) during May 2007 as part of due diligence associated with the potential sale of the property. The Phase II ESA included the completion of three soil boreholes adjacent to the backdoor of the Site building and within the building near the former dry cleaning equipment location. Concentrations of tetrachloroethene (PCE) were detected in all laboratory analyzed soil samples. A groundwater “grab” sample collected from a borehole detected PCE and PCE breakdown products. Northern Environmental concluded that spillage and/or leakage of PCE associated with dry cleaning activities was the source of the release.

The Phase II ESA also included site investigation scoping for the Site according to section NR 169.05(27), Wisconsin Administrative Code (s. NR 169.05[27], Wis. Adm. Code). The purpose of the site investigation scoping was to ensure the scope and detail of subsequent field investigation is appropriate to the complexity of the Site. The results of the Phase II ESA were reported to the Wisconsin Department of Natural Resources (WDNR) who subsequently assigned a Bureau of Remediation and Redevelopment Tracking System number (02-67-548786) to the Site and requested a site investigation and appropriate remedial action be performed. Ms. Shanna Laube was assigned as the WDNR project manager for the Site. We understand that a Dry Environmental Response Program (DERP) Potential Claim Notification Form was submitted to the WDNR, and eligibility for DERP funding was established.

This proposal was prepared to meet the DERP bidding requirements of s. NR 169.23, Wis. Adm. Code and specifically addresses your request for proposal dated October 8, 2007. The following documents were reviewed as part of preparation of this proposal.

- ▲ “Summary of Pre-Discovery Activities, 1730 State Street, Racine, Wisconsin,” Northern Environmental, June 8, 2007
- ▲ “Reported Contamination at Martinizing Drycleaning, 1730 State Street, Racine, Wisconsin,” Wisconsin Department of Natural Resources, August 2, 2007.

4.0 DESIGNED SCOPE OF SERVICES ASSURES A QUALITY PRODUCT

The proposed workplan was designed to make maximum use of existing information, satisfy the regulatory requirements of Wisconsin Statute §292.11, minimize total project cost, and expedite project completion. To minimize project cost and time requirements, the project will be completed in a phased approach. Each phase uses information gathered in previous tasks to better focus subsequent portions of the investigation. A structured program facilitates efficient project completion and limits overall cost.

The goal of the project is to quantify the extent of released CVOCs, evaluate contaminant fate and transport, and consider the potential for identified contaminants to affect environmental and human health and welfare. Work will be performed according to WDNR guidelines, the requirements of Chapters NR 169 and the NR 700 Series, Wisconsin Administrative Code (NR 169 and NR 700 series, Wis. Adm. Code). The proposed workplan consists of the following tasks.

Task 1.0	Initiate Project, Review Data, and Prepare Workplan
Task 2.0	Investigate Site
Task 3.0	Prepare Site Investigation Report

Project assumptions and tasks are described below.

Task 1.0 Initiate Project, Review Data, and Prepare Workplan

In conformance with regulatory agency norms and expectations, we will notify the WDNR that Northern Environmental has been selected as the consultant for the site investigation. This establishes lines of communication to ensure the scope of work is completed smoothly and efficiently while maintaining compliance with WDNR requirements. A workplan will then be prepared and submitted to the WDNR for review and approval. The workplan will be prepared according to s. NR 716.09, Wis. Adm. Code.

A site health and safety plan will also be developed under this task. The site health and safety plan will be consistent with Chapter 40 Code of Federal Regulations, Subpart 1910.120. All work will be performed according to the rules and procedures pertaining to safety as established in the health and safety plan.

Task 2.0 Investigate Site

The goal of the site investigation is to define the vertical and lateral extent of the CVOCs in soil and groundwater. This information is essential in determining the risk to human health and the environment associated with the release and evaluating the necessity of a remedial action program. The field investigation will be performed according to s. NR 716.11, Wis. Adm. Code.

The site investigation will follow the scope of work included with your October 8, 2007 request for proposal. Specifically, the site investigation will include:

- ▲ Notification of subsurface work to Diggers Hotline to allow marking of buried utilities at the Site. The drilling subcontractor selected for the project will be responsible for marking utilities.
- ▲ Installation of four 2-inch diameter groundwater monitoring wells on exterior portions of the Site using hollow-stem auger techniques. The wells will be constructed to intercept the shallow water table, which will be determined on field observation of soil moisture. For the purpose of this proposal, it is anticipated the wells will be completed to 15 feet below grade (fbg) with 10 feet of screened interval. The monitoring wells will be constructed according to NR 141, Wis. Adm. Code. No glues, solvents, or lubricants will be used in well construction. All wells will be completed with flush-mount protective covers with locks and protective gasket seals. Please refer to Figure 1 for proposed monitoring well locations
- ▲ Installation of two 1-inch diameter temporary monitoring wells within the Site building using a cart-mounted GeoProbe[®] unit. The wells will be constructed to intercept the shallow water table. For the purpose of this proposal, it is anticipated the wells will be completed to 15 fbg with 10 feet of screened interval. No glues, solvents, or lubricants will be used in temporary well construction. Please refer to Figure 1 for the proposed temporary well locations.
- ▲ Containerizing, labeling, and securing soil cuttings in 55-gallon metal drums. The drums will be characterized and properly disposed of upon receipt of laboratory analytical reports.
- ▲ Collection and logging of soil samples at 2.5-foot intervals during the well installation and preparation of WDNR Soil Borehole Logs (Form 4400-122). Soil classification will be conducted according to American Society of Testing and Materials Standard 2488-06.
- ▲ Screening of soil samples for the presence of volatile organic compounds (VOCs) using a Thermo Environmental Instruments, Incorporated Model 580 photoionization detector (PID). Preservation of each soil sample for potential laboratory analysis
- ▲ Submittal of two soil samples from each borehole to a WDNR-certified laboratory for analysis of VOCs using Environmental Protection Agency (EPA) Method 8260B. Samples will be selected to evaluate CVOC concentrations in the upper 4 feet of soil (direct-contact threat), and to evaluate CVOC concentrations in the sample exhibiting the greatest PID reading.
- ▲ Creation of a site map depicting borehole/monitoring well locations and relevant site features (e.g., buildings, utilities, etc.).
- ▲ Measurement of the horizontal location of each monitoring well and surveying of the vertical elevation of each well. A benchmark referenced to feet mean sea level (fmsl) will be established at the Site. All vertical elevations measured at the Site will be referenced to fmsl.
- ▲ Development of the monitoring wells according to NR 141, Wis. Adm. Code and WDNR guidance documents.
- ▲ Collection of post-development water levels from each of the wells.
- ▲ Completion of WDNR Monitoring Well Development Forms (Form 4400-113B) for each of the wells.
- ▲ Containerizing, labeling, and securing monitoring well development and purge water in 55-gallon steel drums. The drummed water will be characterized and properly disposed of upon receipt of laboratory analytical results.
- ▲ The groundwater monitoring wells will be sampled once. The groundwater samples will be submitted to a WDNR-certified laboratory for analysis for VOCs using EPA Method 8260B. Quality assurance/quality control (QA/QC) measures will be taken with each sampling event according to s. NR 716.13 (11), Wis. Adm. Code. This includes a trip blank and duplicate sample for each event.

Subtask 2.3 Interpret Data

Data collected during the previous tasks will be compiled and analyzed to determine if the extent of CVOC contamination has been adequately defined. The data evaluation will include:

- ▲ Review and tabulation of soil field screening and laboratory analytical data
- ▲ Preparation of a map depicting the distribution of CVOCs in soil at the Site
- ▲ Review and tabulation of groundwater elevation data and preparation of a map depicting groundwater elevation contours and flow direction
- ▲ Review and tabulation of groundwater laboratory analytical data
- ▲ Preparation of a map depicting the distribution of CVOCs in groundwater at the Site
- ▲ Preparation of cross sections depicting the site geology and vertical distribution of CVOCs in soil and groundwater
- ▲ Discussion of the results of the data with you

If additional investigative work is necessary to define the extent of the release, the work will be discussed with you. An amendment to our professional service agreement (PSA) will be prepared and submitted for your approval prior to conducting additional investigative activities. Unless a change of conditions requires otherwise, additional work will be completed at the same unit rates as the initial workplan.

Task 3.0 Prepare Site Investigation Report

If no additional site investigation is required, the results of Tasks 1.0 and 2.0 will be detailed in a report that documents the investigation and summarizes the results and conclusions. The report will include sufficient text, tables, figures, field data, and laboratory reports necessary to support the findings and conclusions. Specifically the report will:

- ▲ Describe investigative methods in detail
- ▲ Provide a conceptual model of site hydrogeology
- ▲ Present and interpret analytical data
- ▲ Assess the significance of identified contaminant migration pathways
- ▲ Assess the ultimate fate and significance of the identified contaminants

Project work will be supervised by a Northern Environmental professional geologist (PG), a professional engineer (PE), and/or a WDNR-certified hydrogeologist. After review and incorporation of any comments by BMP Realty, the report may be submitted to the WDNR. Information collected during the site investigation will be used to determine appropriate response actions.

5.0 OUR APPROACH LIMITS PROJECT COST AND TIME REQUIREMENTS

Work can begin on this project immediately upon receipt of a signed Professional Service Agreement (PSA). Project work will be coordinated with you and the selected subcontractor(s). We anticipate initiation of the project and completion of the workplan within 1 week of authorization to proceed. The soil boreholes and monitoring wells will be installed within 3 weeks of WDNR approval of the workplan. Groundwater samples will be collected within one week of well installation. Soil and groundwater laboratory analytical data will be available within 3 weeks of sampling. Data interpretation will occur as data are generated. The site investigation report will be completed after the extent of CVOC contamination has been fully evaluated.

Northern Environmental will furnish or arrange for necessary technical staff, labor, equipment, and materials to complete the proposed work. The total probable cost for completion of the proposed work (Tasks 1.0 through

3.0) is **\$13,484**. If additional work is required, the additional costs will be outlined in an amendment to the PSA. Additional work will not proceed until your approval is obtained. A detailed cost summary is included in Appendix B.

6.0 SIMILAR PROJECTS AND SATISFIED CLIENTS

Northern Environmental has completed hundreds of similar contaminant investigation and remediation projects throughout Wisconsin. Through these projects, we have developed an intimate knowledge of WDNR regulations and personnel. We are proud of our reputation as a common-sense environmental consulting firm able to provide cost-effective solutions to complicated environmental problems. Specific examples of contaminant investigation-related projects completed in Wisconsin are provided below.

Former Packard Way Cleaners – Cudahy, Wisconsin

Ms. Susan Doolin retained Northern Environmental to evaluate soil and groundwater quality at the former Packard Way Cleaners facility. Elevated concentrations of chlorinated solvents were identified in soil and groundwater beneath the site building and in the adjacent alleyway. Chlorinated solvent contamination also extended onto adjacent properties. An extensive investigation was completed to determine the extent of released chlorinated solvents. In addition, interim remedial action was performed by installing sub-slab vapor mitigation systems at the site and one adjacent property building. The WDNR is currently reviewing the site investigation report to evaluate appropriate remedial alternatives.

Packard Way Cleaners
Ms. Susan Doolin

(414) 481-0220

Model Cleaners – Fond du Lac, Wisconsin

Model Cleaners retained Northern Environmental to evaluate soil and groundwater quality at the Model Cleaners dry cleaning facility. Elevated concentrations of chlorinated solvents were identified in soil beneath the site building. In addition, released gasoline associated with a former underground storage tank was present in soil at the site. Northern Environmental conducted a site investigation to determine the extent of released dry cleaning solvents and gasoline in soil and groundwater. Based on the investigation results, natural attenuation of the released dry cleaning solvents and gasoline was successfully decreasing contaminant concentrations. The WDNR subsequently determined that no further investigation or remediation was necessary and closed the site.

Model Cleaners
Mr. Tom Lambeseder

(920) 922-3800

Former Heimbach Salvage – Marinette, Wisconsin



Marinette County retained Northern Environmental to conduct an assessment of soil and groundwater conditions at the former salvage yard property. Concentrations of several metals, petroleum compounds, and polychlorinated biphenyls (PCBs) were detected in soil and groundwater at the Site. Specifically, concentrations of PCBs were detected in excess of the EPA preliminary remediation goal in soil and in excess of the NR 140, Wis. Adm. Code enforcement standard (ES) in groundwater. Additional investigation confirmed the contaminants did not extend beyond the property boundaries. With our assistance, the property was

subsequently redeveloped by a private party into a concrete mixing facility. An engineered cap was designed and installed to address the residual contaminants at the property.

Marinette County
Mr. John Lefebvre, Solid Waste and Zoning Administrator

(715) 732-7535

Former Shade Manufacturing – DePere, Wisconsin

WEL Companies retained Northern Environmental to conduct an environmental assessment of the former Shade Manufacturing facility in DePere, Wisconsin before it purchased the property. The facility previously printed office forms and used large quantities of solvents in the printing process. Our assessment identified toluene concentrations in soil in excess of hazardous waste limits. Elevated concentrations of toluene and other solvents were also confirmed in groundwater. An evaluation of remedial options and associated costs was completed. Based on the evaluation, WEL Companies elected to proceed with the purchase and to participate in the WDNR Voluntary Liability Exemption Process. We are currently completing additional investigation and remedial activities required by the WDNR.

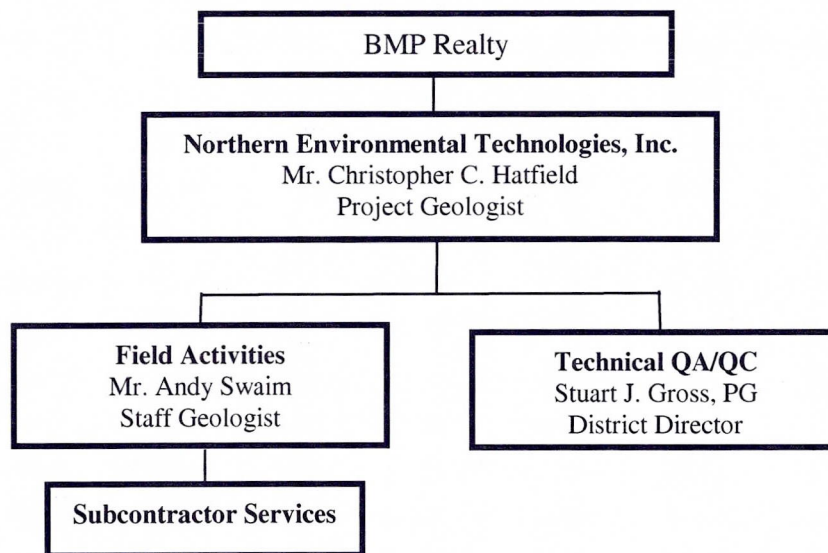


WEL Companies
Mr. Greg Bredael, Chief Financial Officer

(920) 339-0110

7.0 OUR EXPERIENCED TEAM ENSURES PROJECT SUCCESS

To ensure this project is completed in a cost-effective manner within the established timeframe, Northern Environmental has assembled a team of professionals with experience working on numerous contaminant and solid waste investigation projects. The following organizational chart illustrates the structure and reporting relationships of the project team including any necessary subcontractors.



Mr. Christopher C. Hatfield will serve as the project manager; act as the point of contact between Northern Environmental, and you; and interface and negotiate with the WDNR. With over 11 years experience in completing contaminant investigations and remediation in southeastern Wisconsin, Mr. Hatfield possesses strong technical, customer service and communication skills. His expertise includes providing practical solutions to complicated environmental problems that has resulted in outstanding client loyalty and respect by regulatory personnel.

Mr. Stuart J. Gross has over 13 years of professional geology experience, including 9 years of environmental investigation and remediation experience with Northern Environmental. As an associate geologist and District Director of Northern Environmental's Mequon office, Mr. Gross is continually involved with complex projects by providing technical advisor and QA/QC roles. Mr. Gross will be responsible for reviewing all reports, plans, and bid specifications to ensure their professional quality and technical accuracy.

Project-related fieldwork will be completed using personnel from Northern Environmental's Mequon office. **Mr. Andrew Swaim** will supervise the installation of the soil boreholes and monitoring wells and complete necessary site investigation report documentation. Mr. Swaim has 2 years experience conducting subsurface investigations for a variety of contaminants. Key project personnel resumes are included in Appendix C.

In addition to the project-specific staff, Mr. Hatfield can draw on the talent of more than seventy experienced engineers, geologists, hydrogeologists, and environmental scientists employed by Northern Environmental. All project staff have been trained for entry and work on hazardous waste sites as required by the Occupational Safety and Health Administration. In order to support the professional endeavors of the company, many Northern Environmental employees have gained certification and/or registration in an area of practice or profession. In some cases, such as engineering, registration is a prerequisite to practice. Northern Environmental staff are licensed to practice engineering, geology, hydrogeology and soil science in the state of Wisconsin. We ensure that we have all the necessary current, applicable Wisconsin/local registrations, licensures, etc., which may be required to complete this project.

8.0 DERP CONSIDERATIONS

The DERP program became effective February 1, 2000 and is administered by the WDNR to provide reimbursement of eligible costs incurred for investigation and remediation of soil and groundwater contaminated by dry cleaning solvents. Owners or operators of dry cleaning facilities are eligible for reimbursements of costs for immediate and interim actions, site investigations, and remedial actions associated with the release of dry cleaning solvents into the environment. Reimbursement for immediate actions, site investigation, and remedial actions for releases at an active dry cleaning facility are subject to a deductible amount of \$10,000 for eligible costs between \$0 and \$200,000. Costs between \$200,000 and \$400,000 are subject to an additional deductible of 8 percent of the costs greater than \$200,000. Costs between \$400,000 and \$500,000 are subject to an additional deductible of 10 percent for costs greater than \$400,000.

The DERP rule presents several important requirements that will affect this project. These requirements are presented below for your consideration.

- ▲ Consultant services must be selected by using a qualification-based selection process that includes at least three competitive proposals for the site investigation (including development of the remedial options report) and selection, design, and implementation of remedial activities. The proposals must be evaluated based on qualifications, scope of work, references, and fee schedule. **The lowest-priced proposal need not be selected**, but rather, the engineering services should be selected based on qualifications. If you do not select the lowest cost

proposal, you must justify your selection with the WDNR before entering a contract with the consultant.

- ▲ Proposals shall include cost estimates for professional or commodity services on an hourly basis or per unit basis.
- ▲ Proposals must include a statement of professional qualifications for every person whose professional services are included in the proposal.
- ▲ Costs for services beyond the scope of a consultant's initial proposal may not be reimbursed unless the consultant provides the applicant with a cost estimate for the additional services being performed, services are billed at the same or lower unit price as the initial proposal, and the applicant approves the cost estimate in writing before conducting the additional services. Additional costs that exceed \$3,000 may require competitive bidding. If the cost of additional services exceeds \$3,000, the applicant must provide the department with a copy of the cost estimate before authorizing the consultant to proceed.
- ▲ The consultant must certify that the consultant and contracting services will comply with applicable requirements of NR 169, Wis. Adm. Code.
- ▲ All consultants must maintain coverage for comprehensive general liability, which includes pollution impairment liability of \$1 million per claim and a minimum of \$1 million in annual aggregate claims. If the deductible for the insurance exceeds \$25,000, the consultant shall furnish proof of financial responsibility acceptable to the WDNR for the amount of the deductible.

In summary, you must evaluate three consultants before selecting a firm for your project. **You should select the consultant you feel is best qualified to represent your interests.** You do not need to select the lowest-cost proposal. However, if you do not select the lowest-cost proposal, you must justify the selection to the WDNR and obtain its approval before entering a contract with that consultant. Qualified consultants must have the necessary insurance, including pollution liability insurance.

9.0 OUR ASSURANCE

Strict procedures are followed during all sampling and laboratory analysis to ensure the accuracy of our results. Inaccurate data can add significant cost to the project and may jeopardize your DERF reimbursement. Northern Environmental strictly adheres to accepted regulatory policies and procedures and industry standards. All of the Northern Environmental work is protected by our professional error and omissions (E&O) insurance and accompanying engineers' pollution liability (EPL) policy.

Northern Environmental will provide necessary staff and facilities for all phases of planning, investigation, design, construction and operation. We will also retain and confer with specialists on unusual matters; provide qualified technical reviewers, who will keep the owner advised on technical and regulatory matters and work toward planned remediation goals. Northern Environmental will perform all services in an ethical, professional, and timely manner.

10.0 CERTIFICATIONS

Under NR 712, Wis. Adm. Code, minimum standards for experience and professional qualifications are established for persons providing environmental response actions. Specifically, all groundwater assessment submittals must be prepared by a Wisconsin-certified hydrogeologist, and all corrective action submittals must

be prepared by a Wisconsin-registered professional engineer. Northern Environmental meets all requirements of NR 712, Wis. Adm. Code. Northern Environmental also certifies that all consultant and contract services will comply with applicable requirements under NR 169 and NR 700 to 728 Wis. Adm. Code. We will also make all consultant documents and records available to the WDNR for inspection and copying. We also certify that this proposal was not prepared in collusion with any other consultant submitting a bid on this Site.

Selecting Northern Environmental ensures complete regulatory compliance. Northern Environmental is fully informed about the project's scope and required services, and have the experience and ability to analyze alternatives and design the most suitable response action consistent with technical and economic feasibility, environmental statutes and rules, restoration timeframes, and the latest technical advances. Using a firm without our qualifications may jeopardize your DERP reimbursement.

11.0 INSTITUTIONAL ISSUES

11.1 Terms and Conditions

The terms and conditions of the work proposed by Northern Environmental will be governed by the enclosed PSA. If you find our proposal acceptable, please sign and return the enclosed PSA. A signed copy of the PSA must be returned to Northern Environmental before initiation of project work. Any additional work will be handled as an Amendment to the PSA.

If you have access to any additional information pertinent to successful project completion, please forward copies of this information to us with the PSA. Examples of such information include:

- ▲ Soil borehole logs (foundation logs) and construction plans (blue prints)
- ▲ Previously completed environmental studies
- ▲ Water supply logs
- ▲ Soil and/or groundwater quality data
- ▲ Underground storage tank registration forms, inventory records, and integrity test results
- ▲ Site surveys
- ▲ Historical data (e.g., photographs, maps, abstracts, title insurance policies, etc.)

11.2 Insurance

In conjunction with the necessary technical expertise, Northern Environmental offers our clients a complete package of insurance, including statutory liability, comprehensive general liability, and automobile liability, E&O, and EPL policy. The EPL carried by Northern Environmental is a companion policy to our regular E&O coverage containing the standard pollution exclusion. Together, our E&O and EPL policies provide our clients the best professional liability coverage available on the market today. Northern Environmental believes our clients desire this type of coverage and that it is necessary for any responsible engineering firm, such as Northern Environmental. Specimen copies of our insurance certificates are included in Appendix D. Copies naming the Client as additional insured can be sent following receipt of a signed PSA.

11.3 Subsurface Work

The proposed work includes subsurface investigative work. Northern Environmental will require the drilling/excavation contractor contact public utility locating services (e.g., Diggers Hotline and local municipalities) and make a good faith effort to locate underground improvements that could be potentially damaged by the proposed work. Since the owner or operator of the Site usually has the most detailed and

intimate knowledge of the type and locations of such improvements, the owner/operator will be called upon to assist in locating buried improvements. Consequently, the owner/operator may be requested to review the proposed work to ensure damage is not done to structures and sign an agreement affirming the drilling/excavation contractor has made a conscientious effort to avoid damaging buried improvements.

11.4 Health and Safety

All work at the Site will be performed in conformance with Chapter 20 Code of Federal Regulation, Section 1910.22 by trained personnel. Based on the current conditions, we anticipate work will proceed under EPA Safety Level D conditions. The safety level will continuously be monitored and revised, as necessary, based on the conditions encountered.

APPENDIX A

**FIRM RESUME AND LIST OF PROFESSIONAL CERTIFICATIONS,
REGISTRATIONS AND MEMBERSHIPS**

Firm Resume

Professional Employees	Education	Experience (years)	State(s) of Registration
<u>Engineers</u>			
David A. Rautmann, PE	MS, BS - Nuclear Engineering	28	IL, MI, MN, WI
M. Paul Karalius	MS - Env. Eng., BS - Science, Biology, Psychology	28	
Robert Elkin, PE	MBA, BS - Civil Engineering	22	WI
Randy M. Lund, PE	BS - Civil & Environmental Engineering	21	IA, IL, MI, MN, WI
Joseph E. Mentzer, PE	BS - Mining Engineering	20	WI
Hiedi A. Waller, PE	BS - Mining Engineering	17	WI, MI
Melanie L. Needham, PE	MS, BS - Environmental Engineering	15	MI
Patrick T. Smith, PE	BS - Civil & Environmental Engineering	15	WI
Dennis G. Rich, PE	MS - Civil/Structural Engineering, BS - Civil Eng.	14	MI, WI
Jim D. Hadley, PE	MS - Civil & Env. Eng. & Science, BS - Natural Sci.	14	IA, MI, MN, NC, NE, OH, WI
Dhaval M. Shah	MS - Environmental Engineering, MS, BS - Geology	10	
Michael B. Roznowski, CHMM	MS - Env. Pollution Control, BS - Civil Engineering	10	
Michael C. Butler, PE	BS - Environmental Engineering	8	IL
Kim T. Miller, PE	BS - Environmental Engineering	7	IL
Eric J. Maki, PE	BS - Agricultural Engineering	6	WI
Hollie M. DePuydt	BS - Chemical Engineering	6	
Mark F. Stoor, PE	BS - Environmental Engineering	6	MI
Jeffrey R. Brand	BS - Environmental Engineering	5	
Dominic P. Gehring	BS - Engineering & Applied Science, Business	2	
Michael A. Bach	BS - Environmental Engineering	1	
<u>Hydrologists & Hydrogeologists</u>			
Dale J. Buser, PE, PH, CST	MS - Civil Engineering, BS - Hydrology	25	IL, WI
Christopher S. Ewald, PG	BS - Professional Geology	18	WI
Jonathan C. Lewis, CPG, PG	MS - Engineering Geology, BS - Geology	18	IL, WI
Marty L. Koopman, PG	BS - Geology	14	WI
Lynelle P. Caine	BS - Geology	12	
Stuart J. Gross, PG	BS - Geology	12	WI
Christopher C. Hatfield, PG	BS - Geology	11	WI
Susan T. Knabe	BS - Geology	9	
<u>Geologists</u>			
David C. Constant, CPG, PG, CGP	BA - Geology	27	IA, IL, IN, MN, SC, WI, WY
Alan H. Hooper, CPG, CUSTP	BS - Geology	14	MI
Robert G. LaCroix	BS - Geology	14	
John J. Timm	MS, BS - Geology	11	
James E. Goodrich	BS - Geology	6	
Maxwell E. Ostby, CIEC	BS - Geology	5	
Matthew J. Dahlem, REP	MS, BS - Geology	4	
Andrew J. Swaim	BS - Geology	1	
Judd H. Olson	BS - Geology, Associate Degree - General Studies	1	
Kimberly A. Hall	BS - Professional Geology	1	

over ►



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Professional Employees	Education	Experience (years)	State(s) of Registration
Soil Scientists			
Scott A. McKittrick, PSS	BS - Reclamation	16	WI
Ann M. Michalski, PSS, PWS, CST	BS - Environmental Science - Water Resources	9	WI
Environmental Scientists			
Richard A. Scheid, CIHM, OHST	General Education	29	WI
David R. Beno, CGCS	BS - Soil Science	25	
Andrew L. Nelson	BS - Water Resources	17	
Christopher G. Goldbach, CHMM	BS - Biological Sciences	17	
Tracey D. Ledder	MS - Environmental Science & Eng., BS - Biology	16	
Timothy J. McCormick	BS - Wildlife Management/Law Enforcement	15	
Kevin R. Eibenholz	BS - Biology	11	
Donald K. McNabb, CGWP	BS - Env. Studies & Env. Science Emphasis	9	
Crystal J. Koles	BS - Biology	8	
Kevin A. Voeltzke	MBA, BS - Business Administration	8	
Aaron J. Paquet	BS - Environmental Science	7	
John D. Wiater	MS - Environmental Science, BS - Biology	7	
Tallulah J. West	BS - Natural Resource Management	7	
Mary K. Rohde	BS - Science, Natural Science	5	
Brenda L. Hammen	BS - Health Promotion and Wellness	2	
Molly B. McElligott	BS - Conservation & Environmental Science	2	
James T. Scharl	BS - Fisheries & Limnology	1	
Robert C. Redman	BS - Wildlife Management	1	
Surveyors			
Albert B. Simpson, RLS, CST	General Education	29	WI
Phillip D. Hargove, RLS	Associate Degree - Civil Engineering Technician	12	WI
Norbert L. Snow	Associate Degree - Applied Science Land Surveying	5	
Christopher L. Fieri	Associate Degree - Land Surveying	4	
Patrick A. McKuen	Associate Degree - Civil Engineering	3	
Gabriel K. Johnston	General Education	1	
Technicians			
Nathan L. Boettcher	Associate Degree - Computer-Aided Design	9	
Brenda M. Payne	General Education	8	
Daniel D. Posthuma	Associate Degree - Civil Engineering Structural	5	

<u>Total Employees by Profession</u>	<u>Full Time</u>	<u>Part Time</u>
Engineers	19	1
Hydrologists & Hydrogeologists	8	
Geologists	10	
Soil & Environmental Scientists	20	
Surveyors	5	1
Technicians	3	3
Graphics/Logistical Support/Administrative	13	4
TOTAL EMPLOYEES: 87		

Key Abbreviations:

- | | |
|--|--|
| CGCS = Certified Golf Course Superintendent | OHST = Occupational Health and Safety Technologist |
| CGP = Certified Groundwater Professional (registration) | PE = Professional Engineer |
| CGWP = Certified Ground Water Professional (certification) | PG = Professional Geologist |
| CHMM = Certified Hazardous Material Manager | PH = Professional Hydrologist |
| CIEC = Council-certified Indoor Environmental Consultant | PSS = Professional Soil Scientist |
| CIHM = Certified Industrial Hygiene Manager | PWS = Professional Wetland Scientist |
| CST = Certified Soil Tester | REP = Registered Environmental Professional |
| CPG = Certified Professional Geologist | RLS = Registered Land Surveyor |
| CUSTP = Certified Underground Storage Tank Professional | |

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We Provide Solutions

Professional Certifications, Registrations & Memberships

Certifications and Registrations

Northern Environmental's highly trained staff are licensed to practice engineering, land surveying, geology, hydrology, soil science, soil testing, and wetland science. Additionally, our firm is registered with many states to offer professional services. **We are one of the few firms registered to practice all four critical environmental disciplines (hydrology, engineering, geology, and soil science).** Many of our staff hold multi-state registrations.

Our staff's certifications are issued by a large variety of federal and state licensing and regulatory agencies, as well as professional and trade organizations. We take great pride in our certifications and registrations. The following is a sample of them:

Corporate Certifications and Registrations

Commercial Pesticide Application Business License
Lead-Safe Company Certification
Professional Design Firm
Professional Geology Firm
Professional Hydrology Firm
Professional Soil Science Firm
Qualified Underground Storage Tank Consultant
Wisconsin Tank Specialty Firm
Wisconsin Petroleum Environmental Cleanup Fund Act Consultant

Professional Staff Certifications and Registrations

Aboveground Tank Inspector
Aboveground Tank System Installer
Certified Asbestos Management Planner
Certified Golf Course Superintendent
Certified Groundwater Professional
Certified Hazardous Materials Manager
Certified Indoor Environmentalist
Certified Industrial Hygiene Manager
Certified Lead Risk Assessor
Certified PADI Openwater Diver
Certified Professional Geologist
Certified Professional Hydrologist
Certified Site Assessor

(Certifications and Registrations continued)

Certified Soil Erosion Inspector
Certified Soil Tester
Certified Storm-Water Pollution Prevention Manager
Certified Tank System Inspector
Certified Technical Service Provider
Certified Underground Storage Tank Site Assessor
Certified Water System Operator
Certified Wisconsin Private Pesticide Applicator
Certified X-Ray Fluorescence Field Technician
Commercial Applicator - For Hire
Concrete Field Technician - Grade I
Concrete Technician Level I
Environmental Management System Auditor
First Aid/Adult CPR Certification
Industrial Field Service Trainer
Industrial Wastewater Treatment Operator
Level One Mold Assessor
Licensed Asbestos Inspector
Licensed Pesticide Applicator
Certified Density Technology Contractor
Health & Safety Training for Hazardous Waste
Personnel Protection and Safety Trainer
Professional Engineer
Professional Geologist
Professional Hydrologist
Professional Soil Scientist
Professional Wetland Scientist
Qualified Hydrogeologist
Registered Environmental Professional
Registered Land Surveyor
Waste Treatment Plant Operator
Professional Assured Wetland Delineator

over ►



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We
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Memberships

Northern Environmental and its staff are proud members and participants of many industry-related organizations. Our participation helps us stay abreast of industry-related news, share our expertise, and acquire additional training to continually improve our work quality. Our affiliation includes the following:

Academy of Certified Hazardous Materials Managers
American Association of Petroleum Geologists
American Chemical Society
American Fisheries Society
American Institute of Chemical Engineers
American Institute of Professional Geologists
American Society of Civil Engineers
American Society of Military Engineers
American Society of Power Engineers
American Society of Safety Engineers
American Water Resources Association
Associated Builders and Contractors
Association of Engineering Geologists
Association of Environmental and Engineering Geologists
Association of Groundwater Scientists and Engineers
Bay-Lakes Regional Planning Commission
Calumet Area Industrial Commission
Cedar Rapids Area Chamber of Commerce
Chemical Industry Council of Illinois
Chicago Real Estate Council
Chicagoland Cleaners Association
Concerned Auto Recyclers of Wisconsin
Ducks Unlimited
Environmental Professionals of Iowa
Federation of Environmental Technologists Inc.
Geology Society of America
Golf Course Owners of Wisconsin
Golf Course Superintendents Association of America
Horicon Marsh Management Committee
Illinois Petroleum Marketers Association
Illinois State Fabricare Association
Indoor Air Quality Association
Institute of Hazardous Materials
Invasive Plants Association
Iowa Groundwater Association
Iowa-Nebraska Drycleaners
Keweenaw Economic Development Alliance
Land Conservation Partnership of Ozaukee County
Lansing Regional Chamber of Commerce
Marshfield Area Chamber of Commerce
Metropolitan Builders Association
Michigan Association of Community Bankers
Michigan Association of County Drain Commissioners
Michigan Association of Environmental Professionals
Michigan Bankers Association

Michigan Institute of Laundering & Drycleaning
Michigan Land and Stream Association
Michigan Mortgage Lenders Association
Michigan Petroleum Association
Michigan Rural Water Association
Michigan Water Environmental Association
Midwest Association of Golf Course Superintendents
Midwest Food Processors
Muskie's Incorporated (sponsor)
National Association of Home Builders
National Brownfield Association
National Council of Examiners for Engineering & Surveying
National Groundwater Association
National Safety Council
National Society of Professional Engineers
North American Lake Management Society (NALMS)
Ozaukee County Land and Water Resource Management
Advisory Board
Park Falls Area Chamber of Commerce
Petroleum Marketers Association of Wisconsin
Pheasants Forever
Refrigerated Engineers and Technicians Association
Sheboygan County Solid Waste Recycling Committee
Sheboygan River Basin Partnership Team
Society of Wetland Scientists
Soil & Water Conservation Society
South Suburban Mayors and Managers Association
Three Rivers Manufacturers Association
Town of Schleswig Sanitary District #2
U.S. Army Alumni Association
Ulao Creek Partnership
University of Wisconsin-Milwaukee Industrial Advisory
Committee
University of Wisconsin-Whitewater Science and Business
Advisory Board
USGS Volunteer for Science
Village of River Hills Plan Commission
Whitetails Unlimited
Wings Over Wisconsin
Wisconsin Aggregate Association
Wisconsin Association of Lakes
Wisconsin Bankers Association
Wisconsin Builders Association
Wisconsin Concrete Masonry Association
Wisconsin Conservation Congress
Wisconsin Council of Safety
Wisconsin Counties Association
Wisconsin County Code Administration
Wisconsin Fabricare Institute
Wisconsin Golf Course Superintendents Association
Wisconsin Groundwater Association
Wisconsin Propane Gas Association
Wisconsin Society of Land Surveyors
Wisconsin Society of Professional Engineers
Wisconsin Society of Professional Soil Scientists
Wisconsin Waterfowl Association
Wisconsin Wetland Association
Wisconsin Woodland Owners Association

APPENDIX B
COST SUMMARY

DERF Site Investigation Bid Sheet
Consultant Bid Summary

Form 4400-233 (R 4/04) Page 1 of 5

Site Information

Site Name: MARTINIZING DRYCLEANING

Consultant Name NORTHERN ENVIRONMENTAL TECHNOLOGIES, INC.

Applicant Name Christopher C. Hatfield

Bid Summary

Drilling Costs Total =	\$3,540.00
Analytical Costs Total =	\$1,280.00
Consulting Costs Total =	\$7,947.00
Misc Costs Total =	\$717.00
Grand Total =	13,484

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

Christopher C. Hatfield

Date

10/29/07

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

Consultant Name: Northern Environmental
 Site Name: Martinizing Cleaners
 BRRTS #: 02-52-549890
 Date: 10/23/07

DERF Site Investigation Bid Sheet
Drilling Costs

Form 4400-233 (R 4/04) Page 2 of 5

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						
HSA monitoring wells	0 ft to 20 ft	4	1	60	20	\$1,200
Piezometer	0 ft to 40 ft					\$0
	0 ft to 15 ft					
	> ___ ft					
Decontamination Costs						\$210
Mobilization Costs						\$375
Auger Borings (continuous sampling)						
	0 ft to 16 ft					
	___ ft to ___ ft					
	___ ft to ___ ft					
	> ___ ft					
Decontamination Costs						
Mobilization Costs						
Auger Borings (specify split spoon sampling interval)						
	___ ft to ___ ft					
	___ ft to ___ ft					
	___ ft to ___ ft					
	> ___ ft					
Decontamination Costs						
Mobilization Costs						
Direct Push Borings (per point)						
	< ___ ft depth					
Boreholes including temporary well	0 ft - 16 ft depth	2	1	30	20	\$600
	> ___ ft depth					
Decontamination Costs						1
Mobilization Costs						1
						\$400
Well Development (if done by subcontractor)						
	Monitoring Wells					
	Piezometers					
	Recovery Wells					
Other						
Drums	5 total				\$35/drum	\$175
Flush Mount Covers	4 total				\$145/cover	\$580
Total Drilling Costs						\$3,540

Consultant Name: Northern Environmental
 Site Name: Martinizing Cleaners
 BRRTS #: 02-52-549890
 Date: 10/23/07

DERF Site Investigation Bid Sheet
Drilling Costs

Form 4400-233 (R 4/04) Page 3 of 5

Parameter	WI Certified Lab			Field Test/Field Kit			Mobile Lab			Total Costs
	\$/sample	# samples	Method Used	\$/sample	# samples	Method Used	\$/Sample \$/Day	# Samples # Days	Method Used	
Solids Analysis										
VOCs	64	12	8260B							\$768.00
TCLP										\$0.00
RCRA Metals										\$0.00
Duplicate Analyses										\$0.00
Blank Analyses										\$0.00
Other: (Specify) TOC										\$0.00
Bulk Density										\$0.00
Water Analysis (low flow sampling assumed unless otherwise indicated at bottom of this sheet)										
VOCs	64	7	8260B							\$448.00
Nitrate*										\$0.00
Dissolved Oxygen*										\$0.00
Temperature*										\$0.00
Ferrous Iron*										\$0.00
Sulfate*										\$0.00
Sulfide*										\$0.00
ORP*										\$0.00
pH*										\$0.00
TOC*										\$0.00
Alkalinity*										\$0.00
Chloride*										\$0.00
Spec. Conductance*										\$0.00
Ethene/Ethane/Methane*										\$0.00
Hydrogen*										\$0.00
Carbon Dioxide*										\$0.00
RCRA Metals										\$0.00
Duplicate Analyses	64	1	8260B							\$64.00
Blank Analyses										\$0.00
Other: (Specify)										\$0.00
										\$0.00
Air Analysis										
VOCs										\$0.00
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
										\$0.00
Charge for Mobile Lab (indicate # days and daily fee)										
Total Analytical Costs										\$1,280.00

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

Consultant Name: Northern Environmental
 Site Name: Martinizing Cleaners
 BRRTS #: 02-52-549890
 Date: 10/23/07

DERF Site Investigation Bid Sheet
Drilling Costs
 Form 4400-233 (R 4/04) Page 4 of 5

Position (specify)	Hourly Rate	Hours/Task															Total Costs			
		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		Other (specify)		
Professional Staff																				
Associate Geologist	\$123	0.5												2						\$369.00
Registered Geologist	\$93	3	2	3	1	2				1				8		6				\$2,418.00
Graduate Geologist	\$74					16		2		9				24						\$3,774.00
Senior Technician	\$76													9						\$684.00
																				\$0.00
Field Staff																				\$0.00
																				\$0.00
																				\$0.00
																				\$0.00
																				\$0.00
																				\$0.00
																				\$0.00
Office Support Staff																				\$0.00
Administrative Aide	\$54	1												12						\$702.00
																				\$0.00
																				\$0.00
																				\$0.00
																				\$0.00
																				\$0.00
Total Consulting Costs																				\$7,947.00

Consultant Name: Northern Environmental
 Site Name: Martinizing Cleaners
 BRRTS #: 02-52-549890
 Date: 10/23/07

DERF Site Investigation Bid Sheet
Drilling Costs

Form 4400-233 (R 4/04) Page 5 of 5

Major Activity	Specifications	Commodity Unit (specify)	Unit Rate	Number of Units	Total Cost
IDW Disposal					
	Non-Hazardous	per drum	\$75	5	\$375
	Hazardous				
Mobilization					
		per event	\$130	1	\$130
Equipment Rental (list and include shipping costs if applicable)					
Field Supplies (list)					
Water level probe		per day	\$40	1	\$40
Disposable bailer		each	\$12	6	\$72
Surveying					
Survey Equipment		per day	\$100	1	\$100
Personal Protection Equipment (list)					
Sample Shipping Costs					
Other (specify)					
Total Miscellaneous Costs					\$717.00

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 reimbursable. No expedited shipping w/o prior PM approval.

APPENDIX C

RESUMES OF KEY PROJECT PERSONNEL

**Professional Registrations /
Certifications**

- ▲ Professional Geologist – Wisconsin
- ▲ Certified Hydrogeologist
- ▲ Petroleum Environmental Cleanup Fund Act (PECFA) – Wisconsin
- ▲ Health & Safety Training for Hazardous Waste Operations (40-Hr. OSHA)

EDUCATION

BS Geology, Emphasis Hydrogeology
University of Wisconsin-Madison, 1994

AREAS OF EXPERTISE

- Contaminant Investigations, Feasibility Studies, and Remedial Design
- Spill Response Coordination and Implementation
- Phase I and II Environmental Site Assessments
- Brownfield Redevelopment Planning and Implementation
- Regulatory Agency Negotiation and Liaison
- Groundwater Exploration and Modeling
- Aquifer Performance Testing and Analysis
- Wellhead Protection Plan Development
- Non-Metallic Mine Reclamation
- Natural Attenuation of Petroleum Compounds

EXPERIENCE

Mr. Gross' knowledge and experience in environmental consulting and project management spans over 12 years. Presently, he serves as a district director with the firm. His responsibilities include the direct oversight of technical project managers, indirect management of multi-discipline professionals, tracking divisional profit/loss and capital expenditures, marketing and business development, and enforcement of practical environmental standards and company policies to ensure the safety of all technical personnel as well as delivery of quality workmanship.

Additionally, Mr. Gross handles project scoping and budget development and control, client and regulatory agency coordination, development and execution of investigative and remedial workplans, report preparation and technical review, marketing and business development, and assists in the development and maintenance of practical environmental standards for the company in the area of property improvement and assessment.

Mr. Gross currently serves as an appointed member of the State of Wisconsin Groundwater Advisory Committee.

**Professional Registrations /
Certifications**

- ▲ Qualified Hydrogeologist – Wisconsin
- ▲ Professional Geologist – Wisconsin
- ▲ Certified Site Assessor – Wisconsin
- ▲ Health & Safety Training for Hazardous Waste Operations (40-Hr. OSHA)

**Professional Affiliations /
Organizations**

- ▲ Wisconsin Groundwater Association

EDUCATION

BS Geology, University of Wisconsin – Madison, 1995

AREAS OF EXPERTISE

- Contaminant Investigation, Feasibility Studies, and Remediation
- Spill Response Coordination and Implementation
- Phase I and II Environmental Site Assessments
- Brownfield Redevelopment Planning and Implementation
- Regulatory Agency Negotiation and Liaison
- Groundwater Exploration and Modeling
- Aquifer Performance Testing and Analysis
- Underground Storage Tank Closure Assessments and Remediation
- Natural Attenuation Analysis

EXPERIENCE

As a hydrogeologist with Northern Environmental, Mr. Hatfield is involved in hydrogeologic and environmental studies. Project management responsibilities include technical direction, data analysis, proposal and report writing, budget development and tracking, scheduling, and business development.

Mr. Hatfield has participated in and managed a variety of projects that have included Phase I and II environmental site assessments; underground storage tank site assessments, investigation, remediation, and regulatory permitting and compliance in Wisconsin and Illinois; and investigation and remediation of sites involving soil and groundwater contaminated with petroleum compounds, agricultural chemicals, chlorinated compounds, and metals.

**Professional Registrations /
Certifications**

- ▲ Certified Site Assessor – Wisconsin
- ▲ Health & Safety Training for Hazardous Waste Operations (40-Hr. OSHA)
- ▲ Petroleum Environmental Cleanup Fund Act (PECFA) – Wisconsin

EDUCATION

BS Geology and Geophysics, University of Wisconsin, Madison, 2004

AREAS OF EXPERTISE

- Geologic Mapping
- Soil and Aquifer Testing and Analysis
- Land Surveying
- Borehole Logging, Screening and Sampling
- Monitoring Well Installation, Development and Sampling
- Geologic, Hydrogeologic and Contaminant Data Evaluation
- Groundwater Exploration and Modeling
- Underground Storage Tank Closure Assessments and Remediation
- Non-Metallic Mine Reclamation

EXPERIENCE

As a graduate geologist at Northern Environmental, Mr. Swaim's responsibilities include conducting field operations along with post-field work and report writing. He also constructs geologic and hydrogeologic maps and cross sections, and he evaluates distribution data. His skills in a variety of service areas allow Mr. Swaim to assist with a wide range of projects including site assessments, non-metallic mining operations, and petroleum cleanup investigations.

Mr. Swaim has experience doing laboratory work in the Glacial Soil Laboratory at the University of Wisconsin in Madison, Wisconsin. He specialized in testing soils for physical and chemical properties while also maintaining a database of the test samples. This information was used to verify the glacial origins of the samples.

APPENDIX D

CERTIFICATES OF INSURANCE

ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID CM
NORTH-1

DATE (MM/DD/YYYY)
04/04/07

PRODUCER

Professional Insurance Service
P.O. Box 497
Elm Grove WI 53122
Phone: 262-784-0863 Fax: 262-784-2996

INSURED

Northern Environmental
Suite 210
12075 No. Corporate Parkway
Mequon WI 53092

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE		NAIC #
INSURER A	General Casualty	24414
INSURER B		
INSURER C		
INSURER D		
INSURER E		

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS

INSR ADDL LTR	INSRC	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A		GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC	CCI0276049	04/01/07	05/01/08	EACH OCCURRENCE \$ 1,000,000. DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 150,000. MED EXP (Any one person) \$ 5,000. PERSONAL & ADV INJURY \$ 1,000,000. GENERAL AGGREGATE \$ 2,000,000. PRODUCTS - COMP/OP AGG \$ 2,000,000. Emp Ben. 1,000,000.
A		AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	CBA0276049	04/01/07	05/01/08	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000. BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
		GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY EA ACC \$ AGG \$
A		EXCESS/UMBRELLA LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$ 10,000	CCI0276049	04/01/07	05/01/08	EACH OCCURRENCE \$ 4,000,000. AGGREGATE \$ 4,000,000. \$ \$ \$
A		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	CWC0276049	04/01/07	05/01/08	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 100000 E.L. DISEASE - EA EMPLOYEE \$ 100000 E.L. DISEASE - POLICY LIMIT \$ 500000
		OTHER				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

FOR INFORMATIONAL PURPOSE ONLY.

CERTIFICATE HOLDER

CANCELLATION

FOR INFORMATIONAL PURPOSE ONLY

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 030 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
Stanley B. Strelka

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE
04/11/2007

PRODUCER 877-945-7378 Willis North America, Inc. 26 Century Blvd. P. O. Box 305191 Nashville, TN 372305191	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.	
	INSURERS AFFORDING COVERAGE	NAIC#
INSURED Northern Environmental Technologies 12075 N. Corporate Parkway Suite 210 Mequon, WI 53092	INSURER A: Illinois Union Insurance Company	27960-200
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS								
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC				EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$								
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$								
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EA ACC \$ AGG \$								
	EXCESS LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$ \$								
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				<table border="1"> <tr> <td>WC STATU-TORY LIMITS</td> <td>OTH-ER</td> </tr> <tr> <td>E.L. EACH ACCIDENT</td> <td>\$</td> </tr> <tr> <td>E.L. DISEASE - EA EMPLOYEE</td> <td>\$</td> </tr> <tr> <td>E.L. DISEASE - POLICY LIMIT</td> <td>\$</td> </tr> </table>	WC STATU-TORY LIMITS	OTH-ER	E.L. EACH ACCIDENT	\$	E.L. DISEASE - EA EMPLOYEE	\$	E.L. DISEASE - POLICY LIMIT	\$
WC STATU-TORY LIMITS	OTH-ER												
E.L. EACH ACCIDENT	\$												
E.L. DISEASE - EA EMPLOYEE	\$												
E.L. DISEASE - POLICY LIMIT	\$												
A	OTHER Contractors Pollution/ Professional Liability	CEOG21741875005	4/1/2007	4/1/2008	\$2,000,000 Each Incident \$2,000,000 Aggregate \$ 100,000 SIR-Each Loss								

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

CERTIFICATE HOLDER For Information Purposes ONLY . . .	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL <u>30</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE
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IMPORTANT

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.