



**STATE OF MISSOURI
OFFICE OF ADMINISTRATION
DIVISION OF PURCHASING AND MATERIALS MANAGEMENT**

NOTIFICATION OF STATEWIDE CONTRACT

February 6, 2012

CONTRACT TITLE: Environmental Assessments
CURRENT CONTRACT PERIOD: February 1, 2012 through February 29, 2012
BUYER INFORMATION: Name: Leslie Kemna
 Phone: (573) 751-4887
 Email address: leslie.kemna@oa.mo.gov

RENEWAL INFORMATION	Original Contract Period	Potential Final Expiration
	August 1, 2006 through July 31, 2007	February 29, 2012

ALL PURCHASES MADE UNDER THIS CONTRACT MUST BE FOR **PUBLIC USE ONLY**.
 PURCHASES FOR PERSONAL USE BY PUBLIC EMPLOYEES OR OFFICIALS ARE PROHIBITED.

THE USE OF THIS CONTRACT IS **PREFERRED** FOR ALL STATE AGENCIES.
 This contract has been established for the convenience of state agencies. Local Purchase Authority may be used to purchase supplies/services included in this contract from an alternative source at the discretion of the agency.

~ Instructions for use of the contract, specifications, requirements, and pricing are attached ~.

CONTRACT NUMBER	VENDOR NUMBER	VENDOR INFORMATION	MBE/WBE	COOP PROCUREMENT
C306086001	9541485140 4	Tetra Tech, Inc. Attn: David Eagleton 1634 East Port Plaza Drive Collinsville IL 62234 Telephone: (618)343-2300 Facsimile: (618)345-1281 Email: david.eagleton@tetrattech.com MBE/WBE Subcontractor Information: City Design Group, Inc. 115 Branch Street St. Louis, MO 63147 Schneider Laboratories, Inc.	NO MBE	YES

CONTRACT NUMBER	VENDOR NUMBER	VENDOR INFORMATION	MBE/WBE	COOP PROCUREMENT
		Kansas City, MO 64105	WBE	

STATEWIDE CONTRACT HISTORY

The following summarizes actions related to this Notification of Statewide Contract since its initial issuance. Any and all revisions have been incorporated into the attached document.

Contract Period	Issue Date	Summary of Changes
02/01/12 – 02/29/12	02/06/12	Extended all contracts thru February 29, 2012.
01/01/12 – 01/31/12	12/28/11	Extended all contracts thru January 31, 2012.
10/01/11 – 12/31/11	09/28/11	Extended all contracts thru December 31, 2011.
08/01/11 – 09/30/11	07/29/11	Extended all contracts thru September 30, 2011.
08/01/10 – 07/31/11	11/04/10	Changed the Buyer Information on page one from Rebecca Brinkley to Leslie Kemna.
08/01/10 – 07/31/11	07/30/10	Renewed all contracts. Updated address and phone numbers for Contract C306086002 with Terranext, LLC. Per Amendment #004 to Contract C306086001 with Tetra Tech Inc., the vendor number, address, telephone, and fax numbers have been changed. Updated address for Contract C306086003 with Barr Engineering Co.).
08/01/09 – 07/31/10	08/01/09	Per Amendment #005 to the contract, Contract C306086004 with Aquaterra Environmental Solutions, Inc., vendor number, and address has been changed.
08/01/09 – 07/31/10	06/17/09	Renewed all contracts. Address, telephone number and fax number for Aquaterra Environmental Solutions, Inc. (C306086004) has been changed.
08/01/08 – 07/31/09	09/09/08	Renewed all contracts and changed the address and vendor number on Contract C306086004 (Aquaterra Environmental Solutions, Inc.). Changed Buyer Information on Page One from Karla Wiseman to Rebecca Brinkley.
08/01/07 – 07/31/08	04/20/07	Renewed all contracts.
08/01/06 – 07/31/07	04/20/07	Revised paragraph 1.1.13.
08/01/06 – 07/31/07	10/04/06	Changed contact name and email address for Contract C306086002 (TerraNext)
08/01/06 – 07/31/07	08/01/06	Initial issuance of new statewide contract

Instructions to State Agencies for Environmental Assessment Services

1. Initial Contact to Contractor(s) for Services - When a state agency identifies a need for an environmental assessment, the state agency shall: (1) contact the contractor for a work plan for the environmental assessment, (2) provide information to the contractor regarding the property site upon which an environmental assessment is needed, (3) specify, in writing, the type(s) (Phase I and/or Phase II) of environmental assessment(s) required, and (4) specify, in writing, the required date of completion of the environmental assessment, including whether such required date of completion is an “unchangeable completion date”.
 - 1.1 The state agency should contact one or more of the contractors for a work plan unless the state agency has specific documented reasons for only contacting one of the contractors. The state agency should maintain such documentation in the state agency’s file records for future reference.

2. Unavailability of Contractor - At the time of initial contact by the state agency, if the contractor is unavailable to provide the services required or would otherwise be unable to fulfill the requirements of the contract, the contractor must, within three (3) working days of the time of the initial contact by the state agency, notify the state agency of such unavailability. Such notification must be in writing and must include the specific reasons why the contractor is not able to conduct the environmental assessment.
 - 2.1 To help the Division of Purchasing and Materials Management monitor the performance of the contractors and ensure quality services are provided to state agencies, state agencies are strongly encouraged to document instances of when a contractor is unable to provide the requested services and submit such documentation to the attention of the buyer shown on page 1.

3. Minority Business Enterprise/Women Business Enterprise (MBE/WBE) Participation - The contractor must comply with the MBE/WBE participation levels committed to in the contractor’s awarded proposal.

If the contractor proposed MBE/WBE participation in the contractor’s awarded proposal, the contractor shall include a plan for MBE and WBE participation in the performance of the Phase I and/or Phase II environmental assessment. If MBE and WBE participation is not included in the Phase I and/or Phase II environmental assessment, or if such participation percentage is less than the contractor’s participation commitment percentage, the contractor must document the specific reasons the participation commitment can not be met for the required environmental assessment.

Current MBE/WBE participation requirements for each contractor are as follows:

CONTRACTOR NAME	SUBCONTRACTOR NAME	COMMITMENT PERCENTAGE	MBE/WBE
Tetra Tech	City Design Group	5%	MBE
Tetra Tech	Schneider Laboratories, Inc.	5%	WBE
Barr Engineering, Inc.	Tsi Engineering, Inc.	10%	MBE
Barr Engineering, Inc.	Kingston Environmental	10%	MBE
Barr Engineering, Inc.	Environmental Works	5%	WBE
Barr Engineering, Inc.	ENVision Group, LLC	5%	WBE
Terranext	<i>self participation</i>	70%	WBE
Aquaterra	Mustardseed Cultural & Environmental	10%	MBE
Aquaterra	ENVision Group, LLC	5%	WBE

4. All other requirements of the state agency’s related to the contract including the work plan development, approval, modification, authorization to proceed, etc., are included throughout the attached document.

5. If your state agency encounters any problems or has any questions, contact the buyer at the address and phone number as stated on page one of this notice.

CONTRACTUAL REQUIREMENTS

1.1 General Requirements:

- 1.1.1 The contractor shall provide environmental assessment services for any state agency of the State of Missouri (hereinafter referred to as the state agency), in accordance with the provisions and requirements stated herein.
- 1.1.2 The contractor shall perform all services to the sole satisfaction of the state agency.
- 1.1.3 The contractor shall provide the services for the entire State of Missouri on an as needed, if needed basis. The State of Missouri does not guarantee any usage of the contract whatsoever. The contractor shall agree and understand that the contract shall be construed as a preferred use contract but shall not be construed as an exclusive arrangement. Preferred use means that any state agency needing the services should use the established contract unless it is determined to be in the best interest of the State of Missouri for a state agency to, at its own discretion, obtain alternate services elsewhere.
- 1.1.4 Cooperative Procurement Program - The contractor shall provide environmental assessment services as described herein under the terms and conditions, requirements and specifications of the contract, including prices, to other government entities in accordance with the Technical Services Act (67.360 RSMo, which is available on the internet at: <http://www.moga.mo.gov/statutes/c000-099/0670000360.htm>.) The contractor shall further understand and agree that participation by other governmental entities is discretionary on the part of that governmental entity and the State of Missouri bears no financial responsibility for any payments due the contractor by such governmental entities.
- 1.1.5 The contractor shall conduct environmental assessments which meet or exceed the standards set by the latest edition of the “ASTM Standard on Environmental Site Assessments for Commercial Real Estate”.
- 1.1.6 The contractor shall not be permitted to perform any clean-up, hazardous materials removal and/or disposal, etc., for the State of Missouri or any state agency, on any property site for which the contractor has performed an environmental assessment pursuant to the contract.
 - a. This shall also apply to any subcontractors at the sole discretion of the state agency. The decision of whether a subcontractor shall be allowed to perform any clean-up, hazardous materials removal and/or disposal, etc., shall be based on the extent of the environmental assessment services performed by the subcontractor and the relationship of such subcontractor to the contractor.
- 1.1.7 The contractor shall conduct the environmental assessments singly or consecutively as Phase I and/or Phase II environmental assessments as specified by the state agency and pursuant to the specifications stated herein.
 - a. When performing Phase I environmental assessments, the contractor shall also meet or exceed the All Appropriate Inquiry requirements as defined by the Environmental Protection Agency (EPA).
- 1.1.8 The contractor shall conduct all environmental assessments to evaluate a site to identify whether petroleum products or other hazardous materials have been released on or off site, to determine if there exists a threat of release, and to identify contaminated media and human or environmental populations that may be at risk from said releases.
- 1.1.9 If a Phase I environmental assessment is required by the state agency, the contractor shall conduct a Phase I environmental assessment to evaluate the historical sources of information about the property site to determine the likelihood that petroleum products or other hazardous materials have been released in a manner that poses risk to human health and/or the environment. The contractor shall conduct a visual inspection of the property, including the interior of building, if applicable. To the extent possible through non-sampling means, in conducting Phase I environmental assessments, the contractor shall identify the information listed below:
 - a. property site location
 - b. property site features/current property site condition

- c. history of ownership
- d. history of operations
- e. activities on site (manufacturing processes, SIC codes, types, compositions, and volumes of waste streams)
- f. SARA Title III data
- g. toxic release inventory data
- h. state and federal permit history
- i. storage facilities, including underground storage tanks
- j. dumps or landfills
- k. spills or incidents reported
- l. cleanups
- m. enforcement actions
- n. proximity to human or environmental populations
- o. off-site contamination (via surface water, groundwater, or air)
- p. limited visual lead-based paints and asbestos survey/inspection
 - 1) The contractor shall not sample building material under a Phase I assessment and therefore a licensed asbestos inspector is not required. However, if sampling is required under Phase II, then the contractor shall provided a licensed asbestos inspector.
- q. proximity to public and/or private wells and other environmentally sensitive receptors
- r. interviews with current and former owners/operators and with neighbors of the assessed property
- s. identification of data gaps (e.g. time periods where the usage is unknown)
- t. title search (can be provided by owner)

1.1.10 If a Phase II environmental assessment is required by the state agency, the contractor shall conduct a Phase II environmental assessment to evaluate the property site and to sample the potential sources of contamination identified in the Phase I environmental assessments to determine if they are actually causing a release or threatened release of hazardous substances to surface water, groundwater, air, or on or off site soil. In conducting a Phase II environmental assessment, the contractor shall, as required, sample any of, but not limited to, the following materials, potential sources, and environmental media and receptor populations. If off site sampling is required, the contractor shall coordinate such sampling with the state agency and shall be subject to state agency approval.

- a. hazardous substances stored on site (including above or below ground tanks or conduits)
- b. buried drums or other containers
- c. debris or other building materials
- d. spilled materials or residues
- e. soils and sediments on or off site
- f. surface waters on and off site
- g. groundwater on and off site
- h. air on and off site
- i. subsurface utilities

1.1.11 For purpose of this document, the following definitions shall apply:

- a. Hazardous Substance shall be defined pursuant to federal rule 40 CFR 302.4, which includes asbestos and Polychlorinated Biphenyls (PCBs); any substance designated pursuant to Section 311(b)(2)(A) of the federal Water Pollution Control Act; any toxic pollutant listed under Section 307(a) of the federal Water Pollution Control Act; any hazardous air pollutant listed under Section 112 of the Clean Air Act; any imminently hazardous chemical substance or mixture with respect to which the Administration of EPA has taken action pursuant to Section 7 of the Toxic Substances Control Act; any hazardous waste; any hazardous material designated by the Secretary of the U.S. Department of Transportation under the Hazardous Materials Transportation Act; any radioactive materials; or any petroleum product.
- b. Hazardous waste shall be defined pursuant to the Missouri Hazardous Waste Management Law Section 260.350 to Section 260.430 or pursuant to federal rule 40 CFR 261.

- c. Release shall be defined as any threatened or real emission, discharge, spillage, leakage, pumping, pouring, emptying or dumping of a substance into or onto the land, air, or waters of the state unless done in compliance with the conditions of a federal or state permit, unless the substance is confined and is expected to stay confined to property sites owned, leased, or otherwise controlled by the person having control over the substance, or unless, in the case of pesticides, if application is done in accordance with the product label.

1.1.12 The contractor shall provide all services for the completion of environmental assessments including, but not limited to records and title searches, site reconnaissance, interviews, subsurface exploration, and chemical testing, as appropriate for the site as determined by the state agency.

1.1.13 For any environmental assessment requested by the Missouri National Guard, the contractor shall follow the Army National Guard Environmental Baseline Study Standard Operating Procedures. These procedures are available on the internet at: <http://www.apg.army.mil/ngbirp/PDF/EBS.SOP.PDF>.

1.2 Specific Requirements of a Work Plan:

1.2.1 When a state agency identifies a need for an environmental assessment, the state agency shall: (1) contact the contractor for a work plan for the environmental assessment, (2) provide information to the contractor regarding the property site upon which an environmental assessment is needed, (3) specify, in writing, the type(s) (Phase I and/or Phase II) of environmental assessment(s) required, and (4) specify, in writing, the required date of completion of the environmental assessment.

- a. The contractor shall understand and agree that because more than one contract may exist for environmental assessment services, the state agency reserves the right to contact one or more of the contractors for a work plan.
- b. Because the cost of and legal ramifications associated with purchase negotiations, contract options, etc., for a property site, the contractor shall agree and understand that the state agency may specify, in writing, at the time of the initial contact, a specific unchangeable completion date by which the contractor must complete the required environmental assessment. In the event that such an unchangeable completion date is specified, the contractor must complete the environmental assessment by that date, and shall not be allowed an extension under any circumstances.
- c. If the contractor is unavailable to provide the services required or would otherwise be unable to fulfill the requirements of the contract, the contractor must notify the state agency of such unavailability within three (3) working days following the initial contact by the state agency. Such notification must be in writing and must include the specific reasons why the contractor is not able to conduct the environmental assessment.

1.2.2 Phase I Work Plan - In the event that a Phase I environmental assessment is required, upon initial contact by a state agency, the contractor shall develop a written work plan which describes in detail the manner in which the contractor proposes to perform the Phase I environmental assessment. Pursuant to the payment provisions in the Invoicing and Payment Requirements section of this document, the contractor shall not be paid for development of a Phase I written work plan. The contractor must include, at a minimum, the following individual components in each Phase I written work plan:

- a. A plan of action which incorporates the elements of a Phase I environmental assessment as described elsewhere herein, and which at a minimum includes the following:
 - 1) A brief description of what constitutes completion of the Phase I environmental assessment,
 - 2) Specific work procedures proposed for the Phase I environmental assessment.
- b. A description of how, when, by whom, with what, and to what degree the contractor proposes to perform the Phase I environmental assessment on the specified property site.

- 1) Such description must include a complete schedule of activities and completion dates for the activities and the completion date for the Phase I environmental assessment, including the completion date of the written report of the results, pursuant to the requirements stated herein.
- 2) Such description must include the contractor's choice of subcontractors, personnel, equipment and supplies as required for the Phase I environmental assessment.
- 3) If the contractor proposed MBE/WBE participation in the contractor's awarded proposal, the contractor shall include a plan for MBE and WBE participation in the performance of the Phase I environmental assessment. If MBE and WBE participation is not included in the Phase I environmental assessment, or if such participation percentage is less than the contractor's participation commitment percentage, the contractor must document the specific reasons the participation commitment can not be met for the required environmental assessment.

- c. A guaranteed not-to-exceed total price for the Phase I environmental assessment for the specified site. The individual unit price components in the contractor's guaranteed not-to-exceed total price shall not exceed the firm, fixed unit prices stated in the contract.

1.2.3 Phase II Work Plan - In the event that a Phase II environmental assessment is required, upon initial contact by a state agency, the contractor shall develop a written work plan which describes in detail the manner in which the contractor proposes to perform the Phase II environmental assessment. Pursuant to the payment provisions in the Invoicing and Payment Requirements section of this document, the contractor shall be paid for development of a Phase II written work plan in accordance with the firm, fixed unit prices specified on the Pricing Page of the contract. The contractor must include, at a minimum, the following individual components in each Phase II written work plan:

- a. A plan of action which incorporates the elements of a Phase II environmental assessment as described elsewhere herein, and which at a minimum includes the following:

- 1) A description of what constitutes completion of the Phase II environmental assessment,
- 2) Specific work procedures proposed for the Phase II environmental assessment based upon specific property site conditions, the Phase I assessment, and the specific goals of the Phase II environmental assessment based on the Phase I assessment. The contractor shall design Phase II goals to test Phase I hypothesis about potential contamination.

- b. A site safety and contingency plan for a Phase II environmental assessment of the specified property site which must include, at a minimum, a description of the conditions which, if present, will cause the contractor to initiate cessation of services for safety reasons.

- c. A description of how, when, by whom, with what, and to what degree the contractor proposes to perform the Phase II environmental assessment on the specified property site.

- 1) Such description must include a complete schedule of activities and completion dates for the activities and the completion date for the Phase II environmental assessment, including the completion date of the written report of the results, pursuant to the requirements stated herein.
- 2) Such description must include the contractor's choice of subcontractors, laboratories, personnel, equipment and supplies as required for the Phase II environmental assessment. The contractor shall specify the laboratory analyses that will be performed as appropriate for the goals of the Phase II environmental assessment.
- 3) Such description must include the contractor's proposed method (e.g., recycling, incineration, treatment, landfill, etc.) and the facility which is proposed for the management and final disposition of all wastes derived during the performance of the environmental assessment.
- 4) If the contractor proposed MBE/WBE participation in the contractor's awarded proposal, the contractor shall include a plan for MBE and WBE participation in the performance of the Phase II environmental assessment. If MBE and WBE participation is not included in the Phase II environmental assessment,

or if such participation percentage is less than the contractor's participation commitment percentage, the contractor must document the specific reasons the participation commitment can not be met for the required environmental assessment.

- d. A guaranteed not-to-exceed total price for the Phase II environmental assessment for the specified site. The guaranteed not-to-exceed total price shall also include the cost for the development of the work plan. The individual unit price components in the contractor's guaranteed not-to-exceed total price shall not exceed the firm, fixed unit prices stated in the contract.

1.2.4 The contractor shall agree and understand that the state agency shall have the final approval of all individual components of the Phase I and Phase II written work plan and reserves the right to require modifications, deletions, and or additional elaboration to the written work plan. In addition, the state agency reserves the right to request a lower price than that provided by the contractor in the guaranteed not-to-exceed total price stated in the written work plan, if, in the state agency's opinion, the work plan or the specific environmental assessment merits such negotiation.

1.2.5 The state agency shall provide the contractor with right of entry to the specified site, and the contractor is advised to inspect the site in order to obtain a comprehensive understanding of the site in order to develop the written work plan.

1.2.6 The contractor shall submit the written work plan, including both hard a hard copy and an electronic copy, to the address and within the time frame specified by the state agency. Such time frame shall be at least seven (7) calendar days after the initial contact by the state agency and shall be no more than four (4) calendar weeks after such contact.

1.2.7 After the state agency has evaluated the written work plan(s) submitted for the environmental assessment of the specified property site, the state agency shall choose one contractor, based on the written work plans and shall provide written authorization to the chosen contractor to proceed with the approved written work plan. The contractor shall agree and understand that the state agency's determination shall be final and without recourse.

1.3 Specific Requirements of Work Plan Execution:

1.3.1 After the contractor receives written notification to proceed from the state agency, the contractor shall perform an environmental assessment in accordance with the approved written work plan and in the time frame specified by the state agency.

- a. In the event that both Phase I and Phase II environmental assessments are required on the site, one of the following shall apply, as specified by the state agency at the time of the initial notification to proceed:

- 1) The contractor shall not proceed with the Phase II environmental assessment, until (1) completion and approval of the Phase I environmental assessment by the state agency and (2) after receipt from the state agency of a written notification to proceed with the Phase II environmental assessment; or
- 2) When the state agency determines that its purposes would be best addressed through expedited environmental assessments, the state agency shall direct the contractor to proceed with both the Phase I and Phase II environment assessments, without waiting for a notice to proceed for Phase II.

- In the event that the state agency directed the contractor to proceed with both the Phase I and Phase II environmental assessments, the contractor must complete the Phase II environmental assessment by the time specified by the state agency and approved in the written work plan.

- b. The contractor must begin each environmental assessment no later than ten (10) calendar days after written notification to proceed is received from the state agency.

- c. At all times during performance of services, the contractor shall exercise reasonable professional judgment regarding safety and must use professional judgment as criteria for cessation of services for safety reasons.

1.3.2 Upon completions of the environmental assessment, the contractor must prepare and submit a full-color, complete written report of the results of the environmental assessment to the state agency. If environmental contamination is documented or where environmental concerns exist, as determined by the state agency, the contractor shall also submit a full-color, complete written report of the results of the environmental assessment to the Department of Natural Resources, Hazardous Waste Program. The environmental assessment shall not be considered complete until the written report is submitted and received as required. When submitting the written reports, the contractor shall provide both a hard copy and an electronic copy to the state agency. The written report must, at a minimum, contain the following information and results of the environmental assessment:

- a. Name of the state agency.
- b. Property site(s) assessed.
- c. Maps and photographs of property site(s).
- d. Site History (past owners and operators).
- e. Overview of investigation.
- f. Background information (including topography and hydrogeology).
- g. Hazardous substances and hazardous wastes present (descriptions, contaminants, quantities).
- h. Receptor populations, both human and environmental (descriptions, numbers, locations).
- i. Soil investigations.
- j. Surface water investigations.
- k. Groundwater investigations.
- l. Air investigations.
- m. Sampling methods, chain of custody, and quality assurance (if Phase II environmental assessment was performed).
- n. Summary and Conclusions. May include information about the contractor's recommendations for proper handling of the various materials or conditions discovered on-site.
- o. Identity and quantity of investigation derived wastes.
- p. Other information as may be requested by the state agency and/or Department of Natural Resources.
- q. Documentation regarding the disposal of any waste or hazardous substances generated during the assessment.

1.4 Modification to the Work Plan Requirements:

1.4.1 Modifications to the Work Plan – Modifications to the written work plan shall be permitted under the following conditions:

- a. State agency requested changes – If the state agency determines that modifications to the written work plan are necessary or desired, the state agency will document the requested changes to the contractor in writing with any new instructions for the environmental assessment. Such changes may include the need for incidental sampling at the site, changes to the required completion date, or any other change to the original information and instructions. Based on the written instructions provided by the state agency, the contractor must revise the written work plan according to the requirements for the written work plan specified herein, including any resulting changes in the guaranteed not-to-exceed total price.
- b. Contractor requested changes - If, after implementation of services, the contractor determines that modifications to the written work plan are necessary, including a request for an extension to the required date of completion of the environmental assessment, the contractor must submit a written request to the state agency for changes. The written request must include the reason for the modification and must detail the contractor's proposed changes to the written work plan, including any resulting changes in the guaranteed not-to-exceed total price.
 - 1) If the contractor determines that the contractor will not be able to complete the environmental assessment, including the written report, by the date approved in the written work plan, the contractor must submit the request for the extension of the completion date to the state agency at least ten (10) calendar days prior to the completion date required in the original written work plan and must include the reason for the delay and the new date by which the contractor proposes to complete the

environmental assessment and written report. The contractor shall not request, nor be permitted, to extend the required date of completion of any environmental assessment for which the date was identified as an unchangeable completion date at the time of initial contact by the state agency.

- 2) The state agency shall review the contractor's written request and shall send written notice of approval or disapproval of the request to the contractor within five (5) calendar days after receipt of the contractor's written request.

1.4.2 The contractor shall agree and understand that the state agency shall have the final approval of all individual components of the modified written work plan and reserves the right to require modifications (including changes in the price, completion date, etc), deletions, and or additional elaboration to the written work plan as the state agency deems necessary. The decision by the state agency shall be final and without recourse.

1.4.3 The contractor shall not proceed with implementation of services related to the modifications until final written approval of the state agency is obtained.

1.5 Other Requirements:

1.5.1 The contractor must provide an adequate health and safety training program for all personnel who shall provide services in accordance with the terms of the contract.

- a. The training program must, at a minimum, satisfy the safety guidelines and regulations set forth by the Occupational Safety and Health Administration (OSHA).

1.5.2 The contractor shall ensure and provide for the protection of the personal safety and health of all its workers on site, including the selection, provision, testing, decontamination, and disposal of all Personal Protective Equipment (PPE) and any required medical monitoring.

1.5.3 The contractor shall comply with all applicable worker safety and health laws and regulations.

1.5.4 The contractor shall deliver any and all materials, reports, etc., required under the contract, FOB (Free On Board) Destination to the state agency unless otherwise specified herein or in the work plan.

1.5.5 Unless otherwise specified herein, the contractor shall furnish all material, labor, facilities, equipment, and supplies necessary to perform the services required herein.

1.6 Liquidated Damages:

1.6.1 Liquidated Damages - The contractor shall agree and understand that the provision of completing environmental assessment services by the unchangeable completion date is considered critical to the efficient operations of the State of Missouri. However, the actual amount of financial damages cannot be determined since the cost to the state agency (1) to renegotiate a purchase option, contract option, contingency contract, legal fees, etc., related to the property site, (2) for losing a purchase option due to the expiration of time, as well as (3) for the various real estate fees, costs, etc., related to property sites; will vary from property to property. Since the amount of actual damages would be difficult to establish in the event the contractor fails to complete services by the unchangeable completion date, the contractor shall agree and understand that the amount identified below as liquidated damages shall be reasonable and fair under the circumstances.

- a. The contractor shall pay liquidated damages to the state agency as specified below, in an amount based on the number of calendar days elapsed between the unchangeable completion date and the actual date of completion of the environmental assessment (the date of receipt of the written report of the results).

- 1) For each calendar day up to and including thirty (30) calendar days that the environmental assessment is not complete, the contractor shall pay, as liquidated damages, one percent (1%) per day of the guaranteed not-to-exceed total price approved in the written work plan for the environmental assessment.

- 2) For each day past thirty (30) calendar days that the environmental assessment is not complete, the contractor shall pay, as liquidated damages, two percent (2%) per day of the guaranteed not-to-exceed total price approved in the written work plan for the environmental assessment.
- b. The contractor shall also agree and understand that such liquidated damages shall either be deducted from the contractor's invoices pursuant to the contract or paid by the contractor as a direct payment to the state agency at the sole discretion of the state agency.
- c. The contractor shall understand that the liquidated damages described herein shall not be construed as a penalty.
- d. The contractor shall agree and understand that all assessments of liquidated damages shall be within the discretion of the State of Missouri and shall be in addition to, not in lieu of, the rights of the State of Missouri to pursue other appropriate remedies.

1.7 Invoicing and Payment Requirements:

- 1.7.1 Invoicing – The contractor shall submit a monthly, itemized invoice to the address specified by the state agency which utilized the contractor's service.
 - a. The invoice must itemize the firm, fixed prices and the quantity of services performed and equipment provided by each classification/column listed on the Pricing Page or on the price list/catalog.
- 1.7.2 Payments – After state agency approval of the itemized invoice, the contractor shall be paid for services actually performed and equipment provided for performing a Phase I and/or Phase II environmental assessments, in accordance with the prices stated on the pricing page or the price list/catalog. In addition, the contractor shall be paid for the development of a Phase II written work plan. However, the contractor shall not be paid for the development of Phase I written work plans. In no event shall the maximum amount paid for any environmental assessment exceed the guaranteed not-to-exceed total price approved in the written work plan.
 - a. For services and equipment provided by the contractor and listed on the price list or catalog, the contractor shall be paid the firm, fixed price stated in the price list or catalog, less the discount (if any) stated on the pricing page.
 - b. For subcontracted services and equipment provided, the contractor shall be paid the net cost for such plus the percentage stated on the pricing page, which shall not exceed ten percent (10%), for services/equipment charged by the contractor.
 - c. The contractor shall be paid ninety percent (90%) of the amount of each invoice for a Phase II environmental assessment after receipt and approval of each itemized invoice. After successful completion of a Phase II environmental assessment, the contractor shall submit the final itemized invoice for the remaining ten percent (10%) due for the Phase II environmental assessment.
 - d. The contractor shall understand that each state agency utilizing the contractor's services shall be solely responsible for payment for only those services requested by that state agency.
 - e. Travel and Related Expenses - The contractor shall invoice and be reimbursed for actual and reasonable travel and travel related expenses pursuant to the Office of Administration Travel Regulations and Contiguous US Per Diem Rates (CONUS).
 - 1) The contractor must have the prior written approval of the state agency for any such expenses. In addition, the contractor must have the prior approval of the state agency for any travel related expenses which may exceed the CONUS rates.
 - 2) The Office of Administration Travel Regulations can be found on the Internet by clicking on the Quick Link for Travel Regulations at the following address: <http://www.oa.mo.gov/acct/>. Although the actual

mileage rate usually changes each July 1, the mileage reimbursement rate is currently \$0.375 per mile and will go up to \$0.415 per mile effective 07/01/06.

- 3) The Contiguous US Per Diem Rates (CONUS) can be found by clicking on the link for "Per Diem Rates" at the following Internet address: <http://www.gsa.gov>.

- f. The contractor shall not invoice for or be paid for time spent traveling for personnel and/or transporting equipment.

- g. The contractor shall not invoice for or receive additional compensation for overtime, weekends, or holidays.

1.7.3 Other than the payments specified above, no other payments shall be made to the contractor for any reason whatsoever.

1.8 Other Contractual Requirements:

1.8.1 Contract - A binding contract shall consist of: (1) the RFP, amendments thereto, and any Best and Final Offer (BAFO) request(s) with RFP changes/additions, (2) the contractor's proposal including any contractor BAFO response(s), (3) clarification of the proposal, if any, and (4) the Division of Purchasing and Materials Management's acceptance of the proposal by "notice of award" or by "purchase order". All Exhibits and Attachments included in the RFP shall be incorporated into the contract by reference.

- a. A notice of award issued by the State of Missouri does not constitute an authorization for shipment of equipment or supplies or a directive to proceed with services. Before providing equipment, supplies and/or services for the State of Missouri, the contractor must receive a properly authorized purchase order unless the purchase is equal to or less than \$3,000. State purchases equal to or less than \$3,000 may be processed with a purchase order or other form of authorization given to the contractor at the discretion of the state agency.

- b. The contract expresses the complete agreement of the parties and performance shall be governed solely by the specifications and requirements contained therein.

- c. Any change to the contract, whether by modification and/or supplementation, must be accomplished by a formal contract amendment signed and approved by and between the duly authorized representative of the contractor and the Division of Purchasing and Materials Management or by a modified purchase order prior to the effective date of such modification. The contractor expressly and explicitly understands and agrees that no other method and/or no other document, including correspondence, acts, and oral communications by or from any person, shall be used or construed as an amendment or modification to the contract.

1.8.2 Contract Period - The original contract period shall be as stated on page 1 of the Request for Proposal (RFP). The contract shall not bind, nor purport to bind, the state for any contractual commitment in excess of the original contract period. The Division of Purchasing and Materials Management shall have the right, at its sole option, to renew the contract for four (4) additional one-year periods, or any portion thereof. In the event the Division of Purchasing and Materials Management exercises such right, all terms and conditions, requirements and specifications of the contract shall remain the same and apply during the renewal period, pursuant to applicable option clauses of this document.

1.8.3 Renewal Periods - If the option for renewal is exercised by the Division of Purchasing and Materials Management, the contractor shall agree that the prices for the renewal period shall not exceed the maximum percent of increase for the applicable renewal period stated on the Pricing Page of the contract.

- a. If renewal percentages are not provided, then prices during renewal periods shall be the same as during the original contract period.

- b. The Division of Purchasing and Materials Management does not automatically exercise its option for renewal based upon the maximum percent of increase and reserves the right to offer or to request renewal of the contract at a price less than the maximum percent of increase stated.

1.8.4 Termination - The Division of Purchasing and Materials Management reserves the right to terminate the contract at any time, for the convenience of the State of Missouri, without penalty or recourse, by giving written notice to the contractor at least thirty (30) calendar days prior to the effective date of such termination. The contractor shall be entitled to receive just and equitable compensation for services and/or supplies delivered to and accepted by the State of Missouri pursuant to the contract prior to the effective date of termination.

1.8.5 Transition -

- a. Upon award of the contract, the contractor shall work with the state agency and any other organizations designated by the state agency to ensure an orderly transition of services and responsibilities under the contract and to ensure the continuity of those services required by the state agency.
- b. Upon expiration, termination, or cancellation of the contract, the contractor shall assist the state agency to ensure an orderly transfer of responsibility and/or the continuity of those services required under the terms of the contract to an organization designated by the state agency, if requested in writing. The contractor shall provide and/or perform any or all of the following responsibilities:
 - 1) The contractor shall deliver, FOB destination, all records, documentation, reports, data, recommendations, or printing elements, etc., which were required to be produced under the terms of the contract to the state agency and/or to the state agency's designee within seven (7) days after receipt of the written request in a format and condition that are acceptable to the state agency.
 - 2) The contractor shall agree to continue providing any part or all of the services in accordance with the terms and conditions, requirements and specifications of the contract for a period not to exceed 30 calendar days after the expiration, termination or cancellation date of the contract for a price not to exceed those prices set forth in the contract.
 - 3) The contractor shall discontinue providing service or accepting new assignments under the terms of the contract, on the date specified by the state agency, in order to insure the completion of such service prior to the expiration of the contract.

1.8.6 Contractor Liability - The contractor shall be responsible for any and all personal injury (including death) or property damage as a result of the contractor's negligence involving any equipment or service provided under the terms and conditions, requirements and specifications of the contract. In addition, the contractor assumes the obligation to save the State of Missouri, including its agencies, employees, and assignees, from every expense, liability, or payment arising out of such negligent act.

- a. The contractor also agrees to hold the State of Missouri, including its agencies, employees, and assignees, harmless for any negligent act or omission committed by any subcontractor or other person employed by or under the supervision of the contractor under the terms of the contract.
- b. The contractor shall not be responsible for any injury or damage occurring as a result of any negligent act or omission committed by the State of Missouri, including its agencies, employees, and assignees.
- c. Under no circumstances shall the contractor be liable for any of the following: (1) third party claims against the state for losses or damages (other than those listed above); or (2) economic consequential damages (including lost profits or savings) or incidental damages, even if the contractor is informed of their possibility.

1.8.7 Insurance - The contractor shall understand and agree that the State of Missouri cannot save and hold harmless and/or indemnify the contractor or employees against any liability incurred or arising as a result of any activity of the contractor or any activity of the contractor's employees related to the contractor's performance under the contract. Therefore, the contractor shall maintain adequate liability insurance in the form(s) and amount(s) sufficient to protect the State of Missouri, its agencies, its employees, its clients, and the general public against any loss, damage, and/or expense related to his/her performance under the contract.

- a. The insurance coverage shall include, but shall not necessarily be limited to, general liability, professional liability, etc. In addition, automobile liability coverage for the operation of any motor vehicle must be maintained if the terms of the contract require any form of transportation services.
- b. The limits of liability for all types of coverage shall not be less than (1) \$300,000 per person and (2) \$2,000,000 per occurrence.
- c. The contractor shall provide written evidence of the insurance to the state agency. Such evidence shall include, but shall not necessarily be limited to: effective dates of coverage, limits of liability, insurer's name, policy number, endorsement by representatives of the insurance company, etc. Evidence of self-insurance coverage or of another alternate risk financing mechanism may be utilized provided that such coverage is verifiable and irrevocably reliable. The evidence of insurance coverage must be submitted before or upon award of the contract. The contract number must be identified on the evidence of insurance coverage.
- d. In the event the insurance coverage is canceled, the state agency must be notified immediately.

1.8.8 Subcontractors - Any subcontracts for the products/services described herein must include appropriate provisions and contractual obligations to ensure the successful fulfillment of all contractual obligations agreed to by the contractor and the State of Missouri and to ensure that the State of Missouri is indemnified, saved, and held harmless from and against any and all claims of damage, loss, and cost (including attorney fees) of any kind related to a subcontract in those matters described in the contract between the State of Missouri and the contractor.

- a. The contractor shall expressly understand and agree that he/she shall assume and be solely responsible for all legal and financial responsibilities related to the execution of a subcontract.
- b. The contractor shall agree and understand that utilization of a subcontractor to provide any of the products/services in the contract shall in no way relieve the contractor of the responsibility for providing the products/services as described and set forth herein.
- c. The contractor must obtain the approval of the State of Missouri prior to establishing any new subcontracting arrangements and before changing any subcontractors. The approval shall not be arbitrarily withheld.

1.8.9 Substitution of Personnel - The contractor agrees and understands that the State of Missouri's agreement to the contract is predicated in part on the utilization of the specific individual(s) and/or personnel qualifications identified in the proposal. Therefore, the contractor agrees that no substitution of such specific individual(s) and/or personnel qualifications shall be made without the prior written approval of the state agency. The contractor further agrees that any substitution made pursuant to this paragraph must be equal or better than originally proposed and that the state agency's approval of a substitution shall not be construed as an acceptance of the substitution's performance potential. The State of Missouri agrees that an approval of a substitution will not be unreasonably withheld.

1.8.10 Contractor Status - The contractor represents himself or herself to be an independent contractor offering such services to the general public and shall not represent himself/herself or his/her employees to be an employee of the State of Missouri. Therefore, the contractor shall assume all legal and financial responsibility for taxes, FICA, employee fringe benefits, workers compensation, employee insurance, minimum wage requirements, overtime, etc., and agrees to indemnify, save, and hold the State of Missouri, its officers, agents, and employees, harmless from and against, any and all loss; cost (including attorney fees); and damage of any kind related to such matters.

1.8.11 Coordination - The contractor shall fully coordinate all contract activities with those activities of the state agency. As the work of the contractor progresses, advice and information on matters covered by the contract shall be made available by the contractor to the state agency or the Division of Purchasing and Materials Management throughout the effective period of the contract.

1.8.12 Property of State - All reports, documentation, and material developed or acquired by the contractor as a direct requirement specified in the contract shall become the property of the State of Missouri. The contractor shall

agree and understand that all discussions with the contractor and all information gained by the contractor as a result of the contractor's performance under the contract shall be confidential and that no reports, documentation, or material prepared as required by the contract shall be released to the public without the prior written consent of the state agency. Upon expiration, termination, or cancellation of the contract, all documents, data, reports, supplies, equipment, and accomplishments prepared, furnished or completed by the contractor pursuant to the terms of the contract shall become the property of the state agency.

1.8.13 Contractor Equipment Use -

- a. Title - Title to any equipment required by the contract shall be held by and vested in the contractor. The State of Missouri shall not be liable in the event of loss, incident, destruction, theft, damage, etc., for the equipment. It shall be the contractor's sole responsibility to obtain insurance coverage for such loss in an amount that the contractor deems appropriate.
- b. Liability - The contractor shall agree that the State of Missouri shall not be responsible for any liability incurred by the contractor or the contractor's employees arising out of the ownership, selection, possession, leasing, rental, operation, control, use, maintenance, delivery, return, and/or installation of equipment provided by the contractor, except as otherwise provided in the contract.

1.8.14 Commercial Drivers License - The contractor and the contractor's drivers who, in the provision of services under the contract: (1) operate any single vehicle with a Gross Vehicle Weight Rating (GVWR) of over 26,000 pounds or any combination vehicle with a Gross Combination Weight Rating of over 26,000 pounds provided the Gross Vehicle Weight Rating of the vehicle(s) being towed is in excess of 10,000 pounds, (2) operate any size vehicle which requires hazardous materials placards, (3) operate any vehicle designed to transport more than 15 persons (including the driver) transports more than 15 persons, or (4) engage in any other activity outlined in the Commercial Motor Vehicle Safety Act, must comply with all other requirements in the Commercial Motor Vehicle Safety Act. The contractor must submit proof or verification of compliance with such Act to the state agency no later than 30 calendar days after award of the contract.

1.8.15 Force Majeure - The contractor shall not be liable for any excess costs for delayed delivery of goods or services to the State of Missouri, if the failure to perform the contract arises out of causes beyond the control of, and without the fault or negligence of the contractor. Such causes may include, however are not restricted to: acts of God, fires, floods, epidemics, quarantine restrictions, strikes, and freight embargoes. In all cases, the failure to perform must be beyond the control of, and without the fault or negligence of, either the contractor or any subcontractor(s). The contractor shall take all possible steps to recover from any such occurrences.

1.8.16 Minority Business Enterprise/Women Business Enterprise (MBE/WBE) Participation - The contractor must comply with the MBE/WBE participation levels committed to in the contractor's awarded proposal.

- a. The contractor shall prepare and submit to the Division of Purchasing and Materials Management periodic reports detailing all payments to MBE/WBEs participating in the contract. The report must include MBE/WBE payments for the reporting period. The report shall be submitted on a monthly basis unless otherwise determined by the Division of Purchasing and Materials Management.
- b. The Division of Purchasing and Materials Management and the Office of Supplier and Workforce Diversity (OSWD) will monitor the contractor's compliance in meeting the MBE/WBE participation levels committed to in the contractor's awarded proposal. If the contractor's payments to participating MBE/WBEs are less than the amount committed to in the contract, the state may cancel the contract, suspend or debar the contractor from participating in future state procurements, or retain payments to the contractor in an amount equal to the value of the MBE/WBE participation commitment less actual payments made by the contractor to MBE/WBEs. If the Division of Purchasing and Materials Management determines that the contractor is in compliance with the MBE/WBE participation commitment, the state will release the retained funds.
- c. If a participating MBE/WBE fails to retain their certification or is unable to satisfactorily perform, the contractor must obtain other certified MBE/WBEs to fulfill the MBE/WBE participation requirements

committed to in the contractor's awarded proposal. The contractor must obtain the written approval of the Division of Purchasing and Materials Management for any new MBE/WBE participants. This approval shall not be arbitrarily withheld. If the contractor cannot obtain a MBE/WBE replacement, the contractor must submit documentation to the Division of Purchasing and Materials Management detailing all efforts made to secure an MBE/WBE replacement. The Division of Purchasing and Materials Management shall have sole discretion in determining if the actions taken by the contractor constitute a good faith effort to secure the participation of MBE/WBEs and whether the contract will be amended to change the MBE/WBE participation commitment.

1.8.17 **Prevailing Wage Requirements:** For each project which exceeds \$25,000, the contractor shall comply with Section 290.250 RSMo by paying, to all personnel employed for applicable services actually provided under the contract, not less than the prevailing hourly rate of wages as determined by the Department of Labor and Industrial Relations, Division of Labor Standards, specified in Annual Wage Order No. 13 Dated 03/10/06 for the county in which the contractor is providing services. The prevailing wage rates incorporated as a part of this document by the referenced annual wage order(s) shall remain in effect for the duration of the contract period stated on page 1.

- a. For each renewal period, if any, exercised by the Division of Purchasing and Materials Management, the contractor shall comply with Section 290.250 RSMo by paying, to all personnel employed for applicable services actually provided under the contract, not less than the prevailing hourly rate of wages as determined by the Department of Labor and Industrial Relations, Division of Labor Standards, specified in the annual wage order referenced in the contract renewal amendment.
- b. The contractor shall forfeit to the state agency ten dollars (\$10.00) for each person employed, for each calendar day, or portion thereof, such person is paid less than the prevailing hourly rate of wages for any applicable work done under the contract by the contractor or by any subcontractor under them (Section 290.250 RSMo).
- c. In addition to the above, the contractor must comply with all other requirements pertaining to the payment of prevailing wages contained in Section 290.210 through 290.340, RSMo and is advised to review the requirements carefully prior to beginning work. In addition, in the event a period of "excessive unemployment" is identified and announced by the Missouri Department of Labor and Industrial Relations, the contractor must assign personnel to provide services who meet the definition of "Missouri laborers" as defined in Chapter 290.550 RSMo.
- d. The above-stated prevailing wage requirements shall also apply to all subcontractors employed by the contractor to perform services under the contract.

1.8.18 **Surety Bond:** For each project which exceeds \$25,000, the contractor must furnish a bond guaranteeing payment of all labor, suppliers and subcontractors providing equipment and/or services to the contractor as a part of the contract in accordance with the requirements of RSMo Section 107.170. The surety bond must be provided in the form of an original bond issued by a surety company authorized to do business in the State of Missouri (no copy or facsimile shall be acceptable) to the state agency prior to performance of service under the contract or any installation of equipment. The bond must be made payable to the State of Missouri in an amount equal to the total cost of all equipment, supplies and services provided by all suppliers and subcontractors to the contractor in fulfilling the requirements of the contract, and for all labor performed in such work whether by subcontractor or otherwise. The contract number and dates of performance must be specified in the bond.

1.9 Federal Funds Requirements - The contractor shall understand and agree that the contract may involve the use of federal funds. Therefore, for any federal funds used, the following paragraphs shall apply:

1.9.1 The contractor shall understand and agree that this procurement may involve the expenditure of federal funds. Therefore, pursuant to federal government requirements, all contracts, subcontracts, and subgrants of amounts in excess of \$100,000 shall contain a provision which requires compliance with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act (42 U.S.C. 1857(h)), Section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part

15), which prohibit the use under non-exempt federal contracts, grants or loans of facilities included on the EPA list of Violating Facilities. The provision shall require reporting of violations to the grant or agency and to the U.S.E.P.A. Assistant Administrator for Enforcement (EN-329). Contractors shall recognize mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (P.L. 94-163).

1.9.2 In performing its responsibilities under the contract, the contractor shall fully comply with the following Office of Management and Budget (OMB) administrative requirements and cost principles, as applicable, including any subsequent amendments, applicable implementing regulations, and all other laws, regulations, and policies authorizing or governing the use of any federal funds paid to the contractor through the contract:

- a. Uniform Administrative Requirements - A-102 - State/Local Governments; 2 CFR 215 - Hospitals, Colleges and Universities, For-Profit Organizations (if specifically included in federal agency implementation), and Not-For-Profit Organizations.
- b. Cost Principles - A-87 - State/Local Governments; A-122 - Not-For-Profit Organizations; A-21 - Colleges and Universities; 48 CFR 31.2 - For-Profit Organizations; 45 CFR 74 Appendix E – Hospitals

1.9.3 Steven’s Amendment – In accordance with the Departments of Labor, Health and Human Services, and Education and Related Agencies Appropriations Act, Public Law 101-166, Section 511, “Steven's Amendment”, the contractor shall not issue any statements, press releases, and other documents describing projects or programs funded in whole or in part with Federal money unless the prior approval of the state agency is obtained and unless they clearly state the following as provided by the state agency:

- a. The percentage of the total costs of the program or project which will be financed with Federal money;
- b. The dollar amount of Federal funds for the project or program; and
- c. The percentage and dollar amount of the total costs of the project or program that will be financed by nongovernmental sources.

TETRA TECH PRICING PAGE

NOTES TO STATE AGENCY:

For SAM II purposes, use Line Item 001 and commodity code 92675.

Tetra Tech may charge up to 7.5% over net cost for subcontracted services and/or equipment.

LABOR:

LABOR CLASSIFICATIONS	PRICE PER HOUR FOR SERVICES PROVIDED ON-SITE	PRICE PER HOUR FOR SERVICES PROVIDED IN THE CONTRACTORS OFFICE
Project Manager	\$54.50	\$65.40
Health & Safety Supervisor	\$32.70	\$32.70
Environmental Specialist	\$32.70	\$32.70
Scientist	\$70.85	\$70.85
Field Analytical Chemist	\$32.70	\$32.70
Biologist	\$49.05	\$38.15
Geologist	\$65.40	\$59.95
Hydrologist	\$38.15	\$38.15
Industrial Hygienist	\$38.15	\$38.15
Field Technician	\$49.05	\$28.34
Clerk	\$32.70	\$32.70
Contract Administrator	\$21.80	\$21.80
Staff Engineer	\$54.50	\$59.95

EQUIPMENT:

EQUIPMENT	PRICE PER HOUR FOR EQUIPMENT USAGE	PRICE PER HOUR FOR PERSONNEL NEEDED TO OPERATE EQUIPMENT
Gas Chromatograph	\$5.45	\$32.70
Photoionization Detector	\$8.18	\$21.80
pH Meter	\$1.96	\$21.80
Metal Detector	\$0.55	\$32.70
Drum Opener	\$0.00	\$0.00
Explosion Meter	\$1.64	\$32.70
Monitoring Well Bailer	\$1.09	\$32.70
Water Level Indicator	\$0.00	\$32.70
Interface Probe	\$4.63	\$31.80
Generator	\$2.18	\$0.00
Level B Personal Protective Equipment	\$0.00	\$0.00
Level C Personal Protective Equipment	\$0.00	\$0.00
Utility Truck/Vehicle	\$8.18	\$0.00
Oxygen Meter	\$0.00	\$21.80

Subcontractor Lab Analysis							
Test Name	Matrix	Method	Analytical Technique	Collection Media	Minimum Amount	Preservative	Fee
Acid Extractables	Water	625	GC/MS	G/T	2x1000ml	4°C	\$190.75
Acid Extractables	Water	8270	GC/MS	G/T	2x1000ml	4°C	\$190.75
Acid Extractables	Soil	8270	GC/MS	G/T	100 grams	4°C	\$190.75
Acid/Base/Neutrals (A/B/N) Extractables	Water	8270	GC/MS	G/T	2x1000ml	4°C	\$305.20
Acid/Base/Neutrals (A/B/N) Extractables	Soil	8270	GC/MS	G/T	100 grams	4°C	\$305.20
Acid/Base/Neutrals (A/B/N) Extractables	Water	625	GC/MS	G/T	2x1000ml	4°C	\$305.20
Aluminum							
Anion - Individual	Water	300	IC	G/T	125ml	4°C	\$38.15
Anion Scan	Water	300	IC	G/T	125ml	4°C	\$103.55
Base/Neutral (B/N) Extractables	Water	625	GC/MS	G/T	2x1000 ml	4°C	\$196.20
Base/Neutral (B/N) Extractables	Water	8270	GC/MS	G/T	2x1000ml	4°C	\$196.20
Base/Neutral (B/N) Extractables	Soil	8270	GC/MS	G/T	100 grams	4°C	\$196.20
Bromide		300.0	IC	P/G	125ml	4°C	\$38.15
BTEX (Benzene, Toluene, Ethylbenzene, Xylene)	Water	8021	GC/PID	G/T	3x40 ml	HCl, 4°C	\$54.50
BTEX (Benzene, Toluene, Ethylbenzene, Xylene)	Soil	8021	GC/PID	G/T	50 grams	4°C	\$54.50
BTEX And MTBE (Methyl T-Butyl Ether)	Water	8021	GC/PID	G/T	3x40 ml	HCl, 4°C	\$63.22
BTEX And MTBE (Methyl T-Butyl Ether)	Soil	8021	GC/PID	G/T	50 grams	4°C	\$63.22
Chloride		300.0	IC	P/G	125ml	4°C	\$38.15
Chromium							
Chromium, Hexavalent (Chrome VI, Cr+6)	Water	7196	SPEC.	P/G	250 ml	4°C	\$43.60
Conductance, Specific	Water	120.1	COND.	P/G	125 ml	4°C	\$6.54
Copper (Drinking Water)	Water	220.1/220.2	AA/GFAA	P	125 ml (compliance 1000 ml)	HNO3	\$38.15
Corrosivity (pH)	Water	9045	pH METER	P/G	50 ml	4°C	\$6.54
Corrosivity (pH)	Soil	9045	pH METER	P/G	50 grams	4°C	\$8.72

Subcontractor Lab Analysis							
Test Name	Matrix	Method	Analytical Technique	Collection Media	Minimum Amount	Preservative	Fee
Flashpoint	Liquid	ASTM D-93		G/T	125 ml	4°C	\$38.15
Fluoride		300.0	IC	P/G	125ml	4°C	\$38.15
Free Liquids Test	Soil	9095		P/G	200 grams	4°C	\$8.72
Gold							
Herbicides, Chlorinated	Water	8151	GC/ECD	G/T	2x1000 ml	4°C	\$152.60
Herbicides, Chlorinated	Soil	8151	GC/ECD	G/T	100 grams	4°C	\$152.60
Ignitability	Liquid	7.1 (ASTM D-93)		G/T	125 ml	4°C	\$30.52
Lead (Drinking Water)	Water	200.9	GFAA	P	125 ml (compliance 1000 ml)	HNO3	\$38.15
Nitrate		300.0	IC	P/G	125ml	4°C	\$38.15
Nitrite		300.0	IC	P/G	125ml	4°C	\$38.15
Oil And Grease	Water	413.1	GRAV.	G/T	2x1000 ml	HCl, 4°C	\$32.70
Oil And Grease	Soil	SW846/9071	GRAV.	P/G	100 grams	4°C	\$38.15
PAHs (Polynuclear Aromatic Hydrocarbons)	Water	8270	GC/MS	G/T	2x1000 ml	4°C	\$174.40
PAHs (Polynuclear Aromatic Hydrocarbons)	Soil	8270	GC/MS	G/T	100 grams	4°C	\$174.40
Paint Filter Liquids Test							
PCBs	Water	608/8082	GC/ECD	G/T	2x1000ml	4°C Na2S2O3	\$92.65
PCBs	Soil	8082	GC/ECD	G/T	50 grams	4°C	\$92.65
PCBs	Oil	600/4-810-045	GC/ECD	G/T	5 grams		\$70.85
PCBs	Wipe	8082	GC/ECD	G/T			\$70.85
Pesticides, Organochlorine	Water	8081	GC/ECD	G/T	2x1000ml	4°C	\$130.80
Pesticides, Organochlorine	Soil	8081	GC/ECD	G/T	100g	4°C	\$130.80
Pesticides, Organochlorine	Wipe	8081M	GC/ECD	G/T	-	-	\$92.65
Pesticides, Organochlorine, and PCBs	Water	608	GC/ECD	G/T	2x1000 ml	4°C	\$152.60
Petroleum Hydrocarbons, Fingerprint	Oil	8015M	GC	G/T	20 grams		\$70.85
pH	Water	150.1	pH METER	P/G	125 ml	4°C	\$8.72
pH	Soil	9045	pH METER	P/G	20 grams	4°C	\$8.72
PM10		40CFR50	Grav./AA	QFF			\$39.24
PM10		40CFR50	Grav.	QFF			\$26.16
PNAs							

Subcontractor Lab Analysis							
Test Name	Matrix	Method	Analytical Technique	Collection Media	Minimum Amount	Preservative	Fee
Reactivity	Soil	7.2	Spec/Titr	G/T	100 grams	4°C	\$136.25
Solids, Total Suspended		160.2					
Sulfate		300.0	IC	P/G	125ml	4°C	\$38.15
SVOCS (Semi-volatile Organic Compounds)	Water	8270	GC/MS	G/T	1 litre	4°C	\$305.20
SVOCS (Semi-volatile Organic Compounds)	Soil	8270	GC/MS	G/T	50 grams	4°C	\$305.20
TAL Metals							\$218.00
TCLP (Toxicity Characteristic Leaching Procedure) - Full Profile	Soil	1311	VARIOUS	G/T	500 grams	4°C	\$953.75
TCLP (Toxicity Characteristic Leaching Procedure) - Full Profile	Waste	1311	VARIOUS	G/T	500 grams	4°C	\$953.75
TCLP Extraction For Metals/Semi-Volatiles	Soil	1311		G/T	500 grams	4°C	\$54.50
TCLP Extraction For Metals/Semi-Volatiles	Waste	1311		G/T	500 grams	4°C	\$54.50
TCLP Extraction For Volatiles -Zero Headspace Extraction (ZHE)	Soil	1311		G/T	50 grams	4°C	\$70.85
TCLP Extraction For Volatiles -Zero Headspace Extraction (ZHE)	Waste	1311		G/T	50 grams	4°C	\$70.85
TCLP Herbicide Analysis	TCLP Extr	8151	GC/ECD	G/T	2x1000 ml	4°C	\$152.60
TCLP Herbicide Analysis	Water	8151	GC/ECD	G/T	2x1000 ml	4°C	\$152.60
TCLP Lead only Analysis (includes extraction)	Soil	1311/7420	AA	P	200 grams	4°C	\$38.15
TCLP Lead only Analysis (includes extraction)	Water	1311/239.1	AA	P	125 ml	4°C	\$38.15
TCLP Metals (RCRA) Analysis (includes extraction)	Liquid/Solid Waste	1311/6010/70 00	ICP/CVAA/AA		500 ml/200 grams	4°C	\$168.95
TCLP Pesticide Analysis	TCLP Extr	8081	GC/ECD	G/T	2x1000 ml	4°C	\$130.80
TCLP Pesticide Analysis	Water	8081	GC/ECD	G/T	2x1000 ml	4°C	\$130.80
TCLP Semi-Volatiles Analysis	TCLP Extr	8270	GC/MS	G/T	2x1000 ml	4°C	\$261.60
TCLP Semi-Volatiles Analysis	Water	8270	GC/MS	G/T	2x1000 ml	4°C	\$261.60
TCLP Volatiles Analysis	TCLP Extr	8260	GC/MS	G/T	3x40 ml	4°C	\$174.40
TCLP Volatiles Analysis	Water	8260	GC/MS	G/T	3x40 ml	4°C	\$174.40
TPH By IR (Total Recoverable Petroleum Hydrocarbons By IR)	Water	418.1	IR	G/T	2x1000 ml	HCl, 4°C	\$70.85
TPH By IR (Total Recoverable Petroleum Hydrocarbons By IR)	Soil	418.1M	IR	G/T	100 grams	4°C	\$70.85

Subcontractor Lab Analysis							
Test Name	Matrix	Method	Analytical Technique	Collection Media	Minimum Amount	Preservative	Fee
TPH-DRO (Total Petroleum Hydrocarbons, Diesel Range Organics By GC)	Water	8015M	GC	G/T	2x1000 ml	HCl optional, 4°C	\$63.22
TPH-DRO (Total Petroleum Hydrocarbons, Diesel Range Organics By GC)	Soil	8015M	GC	G/T	100 g	4°C	\$63.22
TPH-GRO (Total Petroleum Hydrocarbons, Gasoline Range Organics By GC)	Water	8015M	P&T/GC	G/T	2x40 ml	HCl, 4°C	\$54.50
TPH-GRO (Total Petroleum Hydrocarbons, Gasoline Range Organics By GC)	Soil	8015M	P&T/GC	G/T	50 grams	4°C	\$54.50
TSP		40CFR50	Grav.	GFF			\$26.16
TSS (Total Suspended Solids)	Water	SM 2540D	GRAV.	P/G	1000 ml	4°C	\$15.26
Tungsten							
Turbidity	Water	180.1	TURB.	P/G	125 ml	4°C	\$6.54
Vanadium							
VOCS (Volatile Organic Compounds)	Water	624	P&T/GC/MS	G/T	3x40 ml	4°C, HCL	\$190.75
VOCS (Volatile Organic Compounds)	Water	8260	P&T/GC/MS	G/T	3x40 ml	HCl, 4°C	\$190.75
VOCS (Volatile Organic Compounds)	Soil	8260	P&T/GC/MS	G/T	50 grams	4°C	\$190.75

ADDITIONAL SUBCONTRACTOR PRICE CATALOG

GEOPROBE 5400, 54DT, 6600, 4500

Mobilization/Demobilization (local)	\$54.50/lump sum
Per Diem (if required)	\$81.75/person/day
Concrete Coring Bit Charges	\$16.35/hole
Missouri Boring Abandonment Report	\$59.95/each

MATERIALS

1" x 5' PVC Screen	\$15.26/each
1" x 5' PVC Riser	\$8.72/each
1" PVC Cap & Plug	\$7.09/each
1" Steel Drive Cone	\$17.44/each
Liners	\$3.82/each
Bentonite Chips	\$8.72/bag
Pre-Mix Concrete	\$5.45/bag
Asphalt Patch	\$10.90/bag
55 Gallon Drums	\$32.70/each
Disposable Bailers, .700 x 36"	\$8.18/each
Peristaltic Pump	N/C
Water Level Indicator	N/C

DIRECT PUSH PROBE RATES

Mobilization/Demobilization (local)	\$130.80/lump sum
Daily Travel	\$51.23/day
Per Diem (if required)(2 man crew)	\$141.70/day
Modified Level "D" Protective Clothing	\$21.80/ person/day
Missouri Well/Boring Permits	\$59.95/each
Level "C" Protective Clothing	\$65.40/ person/day
Level "C" Multiplier	27 Percent
Standby	\$109.00/hour
Temporary Decon Pad (construct & tear down)	\$54.50/pad
Coring Bit Charge (concrete or asphalt)	\$54.50/hole
Drill Rig/Geoprobe Unit Rate	\$130.80/hour
Borehole Setup (Boring less than 10')	\$21.80/each
Monitoring Well Registration Report	\$109.00/each

HOLLOW STEM AUGERING

4-1/4" (0-50')	\$7.09/L.F.
6-1/4" (0-50')	\$9.27/L.F.
8-1/4" (0-50')	\$11.45/L.F.

SAMPLING

Split Spoon Sampling (2" Diameter)	
0-50'	\$10.90/each
51'-75'	\$19.62/each
76'+	\$114.45/hour
4-1/4" Augering & Continuous Tube Soil Sampling System, 0-75"	\$10.36/L.F.
Shelby Tubes (ASTM D 1587) 0-75'	\$20.71/each
Well Installation	\$114.45/hour
Well Development w/Rig	\$114.45/hour
Well Development w/o Rig	\$92.65/hour

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SAMPLING continued

Decontamination	\$114.45/hour
Mud Rotary (> 4" Diameter)	\$7.63/L.F.
Rock Rotary or Coring Setup (NX)	\$109.00/hole
Rock Coring (NX)	\$26.16/L.F.
Rock Rotary (> 4" Diameter)	\$17.44/L.F.
Grout Borehole (4 1/4" HSA)	\$5.45/L.F.

TERRANEXT PRICING PAGE

NOTES TO STATE AGENCY:

For SAM II purposes, use Line Item 001 and commodity code 92675.

Terranext may charge up to 10% over net cost for subcontracted services and/or equipment.

LABOR

LABOR CLASSIFICATIONS	PRICE PER HOUR FOR SERVICES PROVIDED
Project Manager	\$70
Health & Safety Supervisor	\$50
Environmental Specialist	\$47
Scientist	\$47
Field Analytical Chemist	\$30
Biologist	\$40
Geologist	\$50
Hydrologist	\$70
Industrial Hygienist	\$50
Field Technician	\$45
Clerk	\$20
Contract Administrator	\$70
Staff Engineer	\$55

EQUIPMENT

EQUIPMENT	PRICE PER HOUR FOR EQUIPMENT USAGE
Gas Chromatograph	\$40
Photoionization Detector	\$9*
pH Meter	\$2*
Metal Detector	\$3*
Drum Opener	\$4*
Explosion Meter	\$4*
Monitoring Well Bailer	\$12/each
Water Level Indicator	\$2*
Interface Probe	\$4*
Generator	\$7*
Level B Personal Protective Equipment	\$8*
Level C Personal Protective Equipment	\$4*
Utility Truck/Vehicle	\$9.50*
Oxygen Meter	\$5*

***Assumes 8 hour minimum**

TERRANEXT SUPPLEMENTAL EQUIPMENT PRICE LIST/CATALOG

EQUIPMENT CODE	EQUIPMENT DESCRIPTION	UNIT OF MEASURE	BILL RATE
500100	DRUM PUMP/ELECTRIC/SS/HIGH VISCOSITY	DAY	125.00
500101	DRUM PUMP/ELECTRIC/POLY	DAY	75.00
500102	DRUM/PUMP/HAND	DAY	25.00
500103	TRASH PUMP/GAS/2 IN	DAY	55.00
500104	DIAPHRAGM PUMP/AIR/3 IN	DAY	85.00
500105	DIAPHRAGM PUMP/AIR/TEFLON/1 IN	DAY	75.00
500106	TRANSFER PUMP/12V	DAY	15.00
500107	SUBMERSIBLE PUMP	DAY	25.00
500108	BLADDER PUMP	DAY	50.00
500109	PERISTALTIC PUMP	DAY	20.00
500110	PUMP CONTROLLER	DAY	35.00
500111	DEVELOPMENT PUMP	DAY	25.00
500112	HOSE/SUCTION/2 IN/20 FT	DAY	15.00
500113	HOSE/DISCHARGE/2 IN/50 FT	DAY	12.00
500114	HOSE/SUCTION/3 IN/20 FT	DAY	20.00
500115	HOSE/DISCHARGE/3 IN/50 FT	DAY	15.00
500116	HOSE/1 IN/20 FT	DAY	18.00
500117	WELL PUMP/GRUNDFUS/2 IN	DAY	100.00
500118	WELL PUMP/GRUNDFUS/4 IN	DAY	50.00
500120	DEVELOPMENT PUMP/12 V	DAY	30.00
500200	VACUUM/SHOP	DAY	20.00
500201	VACUUM/DRUM	DAY	45.00
500202	VACUUM/DRUM/2 MOTORS	DAY	150.00
500203	VACUUM/HEPA	DAY	100.00
500204	VACUUM/MERCURY/HEPA	DAY	225.00
500300	GENERATOR/1500W	DAY	45.00
500301	GENERATOR/5000W	DAY	55.00
500400	COMPRESSOR/220V	DAY	50.00
500401	COMPRESSOR/110V	DAY	35.00
500500	HIGH PRESSURE WASHER	DAY	125.00
500803	WHEELBARROW	DAY	10.00
500804	DEMO SAW/ELECTRIC	DAY	35.00
500805	SAWZALL	DAY	25.00
500806	CHAIN SAW/ELECTRIC	DAY	35.00
500807	AUGER/GAS	DAY	65.00
500808	AUGER/HAND	DAY	45.00
500809	CUTTING TORCH (CYLINDERS EXTRA)	DAY	30.00
500810	PROPANE TORCH (CYLINDERS EXTRA)	DAY	10.00
500812	BAILER/REUSABLE	DAY	10.00
500813	MERCURY SPILL KIT	DAY	35.00
500817	SKIMMER	DAY	20.00
500818	SURVEY EQUIPMENT	DAY	50.00
500819	HYDRANT METER/WRENCH	DAY	15.00
501101	WATER LEVEL INDICATOR	DAY	10.00
501101	WATER LEVEL INDICATOR	WEEK	40.00
501102	CONDUCTIVITY METER	DAY	20.00
501103	PH METER	DAY	10.00

501104	PH/COND/TEMP METER	DAY	25.00
501105	PHOTOIONIZATION DETECTOR	DAY	40.00
501105	PHOTOIONIZATION DETECTOR	WEEK	150.00
501106	FLAME IONIZATION DETECTOR	DAY	75.00
501106	FLAME IONIZATION DETECTOR	WEEK	300.00
501107	SOIL VAPOR SURVEY PROBE	DAY	100.00
501108	COMBUSTIBLE GAS INDICATOR	DAY	40.00
501109	FOUR-GAS DETECTOR	DAY	35.00
501109	FOUR-GAS DETECTOR	WEEK	110.00
501111	INTERFACE PROBE/OIL & WATER	DAY	25.00
501125	AIR MONITORING PUMP	DAY	2.00
501128	TURBIDITY METER	DAY	35.00
501131	DISSOLVED OXYGEN KIT	DAY	15.00
To Be Established	SVE/AIR SPARGE/PUMP & TREAT MOBILE UNIT	DAY	350.00
	SVE/AIR SPARGE/PUMP & TREAT MOBILE UNIT	WEEK	1,000.00
	SVE/AIR SPARGE/PUMP & TREAT MOBILE UNIT	MONTH	3,000.00
504000	SOIL VAPOR PILOT TEST UNIT	DAY	225.00
504004	BIOSOLVE SPRAYER	DAY	15.00
504005	SOILS TESTING EQUIPMENT	DAY	50.00
504006	SOILS MOISTURE TESTING EQUIPMENT	DAY	25.00
505002	GILIAN HFS 513 #3	DAY	150.00
505003	GILIAN LFS 113	DAY	130.00
505004	GILIBRATOR #1	DAY	25.00
505005	GILIBRATOR #2	DAY	25.00
505006	GILIBRATOR #3	DAY	25.00
501114	AIR SAMPLING PUMP/ELECTRIC	DAY	30.00
501115	AIR SAMPLING PUMP/MANUAL	DAY	15.00
501116	AIR ANALYZER/MICROTIP	DAY	150.00
501117	MERCURY VAPOR ANALYZER	DAY	100.00
501119	METHANE METER	DAY	40.00
501123	DATA LOGGER	DAY	100.00
505011	QUEST 1800 SOUND LEVEL METER	DAY	120.00
505012	QUEST 2800 SOUND LEVEL METER	DAY	80.00
505013	QUEST 400 DOSIMETER	DAY	290.00
505014	QUEST 27 DOSIMETER	DAY	240.00
505015	TOSHIBA NOTE BOOK COMPUTER	DAY	90.00
505016	DICONIX PRINTER	DAY	10.00
505017	MSA KWIK DRAW PUMP	DAY	10.00
505018	MSA PASSPORT #1	DAY	115.00
505019	HANDAR 555 METEROLOGICAL STATION	DAY	160.00
505020	MSA CYCLONES-5 #1	DAY	20.00
505021	MSA CYCLONES-5 #2	DAY	20.00
505022	SKC HAZDUST II #1	DAY	90.00
505023	SKC HAZDUST II #2	DAY	90.00
505025	GILIAN GIL AIR 5 KIT #4	DAY	150.00
505026	GILIBRATOR #4	DAY	25.00
505027	MSA PASSPORT #2	DAY	115.00
505028	TSI INDOOR AIR QUALITY MONITOR	DAY	115.00

505029	SKC HAZDUST II #3	DAY	90.00
505030	SKC HAZDUST II #4	DAY	90.00
505031	HIGH VOLUME AIR SAMPLER #1	DAY	65.00
505035	HIGH VOLUME CALIBRATOR	DAY	30.00
200104	TYVEK SUIT	EACH	5.75
200104	TYVEK/POLYCOAT SUIT	EACH	20.00
200104	SARANEX SUIT	EACH	20.00
200104	CHEMREL SUIT	EACH	51.00
200108	TYVEK/BOOT COVERS	PAIR	2.00
200112	GLOVES/NITRILE	PAIR	3.00
200113	GLOVES/NEOPRENE	PAIR	4.50
200114	GLOVES/SILVER SHIELD	PAIR	5.00
200115	GLOVES/BUTYL	PAIR	20.00
200116	GLOVES/VITON	PAIR	45.00
200117	GLOVES/LEATHER	PAIR	0.00
200118	GLOVES/COTTON LINER	PAIR	0.00
200122	LEVEL C SAFETY GEAR	EACH	35.00
200123	LEVEL B SAFETY GEAR	EACH	120.00
200125	FACE SHIELDS	EACH	0.00
200126	GLOVES/N-DEX	PAIR	0.00
	GLOVES/LATEX OR VINYL	PAIR	N/C
200203	DUST MASK	EACH	2.00
200300	ORGANIC VAPOR MONITOR	EACH	12.50
200301	ORGANIC VAPOR SNAP-ONS	EACH	27.00
200302	ORGANIC VAPOR FILTER	EACH	31.00
200303	WATER FILTER/QED	EACH	26.00
200613	SAMPLE TUBE/GLASS	EACH	6.75
200614	COLIWASA TUBE/GLASS	EACH	18.50
200623	TEFLON SAMPLER LINER	EACH	0.35
200624	BAILER/DISPOSABLE/WEIGHTED	EACH	0.00
200625	BAILER/DISPOSABLE/TEFLON	EACH	22.75
200626	SHELBY TUBE SAMPLER	EACH	15.00
200627	ZIPLOCK BAG	EACH	0.00
200628	TEDLAR BAG/1L	EACH	30.00
200700	DRUM/55G/STEEL/NEW/OT	EACH	45.00
200701	DRUM/55G/STEEL/RECON/OT	EACH	38.00
200702	DRUM/55G/STEEL/NEW/TH	EACH	45.00
200703	DRUM/55G/STEEL/RECON/TH	EACH	38.00
200704	DRUM/30G/STEEL/OT or TH	EACH	45.00
200705	DRUM/85G/STEEL/RECOVERY	EACH	110.00
200706	DRUM/12G/STEEL/RECOVERY	EACH	52.50
200707	DRUM/55G/FIBER/OT	EACH	40.00
200708	DRUM/30G/FIBER/OT	EACH	35.00
200709	DRUM/20G/FIBER/OT	EACH	30.00
200710	DRUM/95G/POLY/RECOVERY	EACH	162.50
200711	DRUM/55G/POLY/OT or TH	EACH	60.00
200712	DRUM/30/POLY/OT or TH	EACH	41.00
200713	DRUM/20G/POLY/OT	EACH	32.75
200714	DRUM/16G/POLY/OT	EACH	22.50
200715	PAIL/5G/POLY/DOT/OT	EACH	9.00
200716	PAIL/5G/POLY/DOT/TH	EACH	10.50

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200800	SORBENT BOOM/SINGLE/OIL/10 FT	EACH	65.00
200801	SORBENT BOOM/SDOUBLE/OIL/10 FT	EACH	70.00
200802	SORBENT BOOM/UNIVERSAL/4 FT	EACH	15.00
200803	SORBENT BOOM/UNIVERSAL/8FT	EACH	30.00
200804	SORBENT BOOM/UNIVERSAL/12 FT	EACH	45.00
200805	SORBENT BOOM/UNIVERSAL/24 FT	EACH	105.00
200806	SORBENT BOOM/UNIVERSAL/48 FT	EACH	210.00
200807	SORBENT PAD/UNIIVERSAL or OIL	EACH	1.50
200900	POLY SHEETING/4 ML/20 FT X 100 FT	ROLL	45.00
200901	POLY SHEETING/6 ML/20 FT X 100 FT	ROLL	55.00
200902	POLY SHEETING/10 ML/20 FT X 100 FT	ROLL	103.25
200903	POLY DRUM LINERS	EACH	3.00

BARR ENGINEERING PRICING PAGE

NOTE TO STATE AGENCY:

For SAM II purposes, use Line Item 001 and commodity code 92675.

LABOR

LABOR CLASSIFICATIONS	PRICE PER HOUR FOR SERVICES PROVIDED
Project Manager	\$72
Health & Safety Supervisor	\$72
Environmental Specialist	\$67
Scientist	\$72
Field Analytical Chemist	\$67
Biologist	\$62
Geologist	\$67
Hydrologist	\$67
Industrial Hygienist	\$67
Field Technician	\$36
Clerk	\$36
Contract Administrator	\$67
Staff Engineer	\$67

EQUIPMENT

EQUIPMENT	PRICE PER HOUR FOR EQUIPMENT USAGE
Gas Chromatograph	\$39.38
Photoionization Detector	\$13.50
pH Meter	\$3.64
Metal Detector	\$2.31
Drum Opener	\$1.00
Explosion Meter	\$6.39
Monitoring Well Bailer	\$4.50
Water Level Indicator	\$22.00/day
Interface Probe	\$5.00
Generator	\$3.81
Level B Personal Protective Equipment	\$2.63
Level C Personal Protective Equipment	\$2.10
Utility Truck/Vehicle	\$6.10
Oxygen Meter	\$3.81

SPECIAL COMPUTER RATE SCHEDULE

IBM - PC

A Software	\$15/hour
(ArcCAD, Equis Chemistry, FastTABS, GeoBase, GMS, MLAEM, MT3D, MYGRT, Risk Assistant, SEEP, SIGMA, SLAEM, VEXCEL, WSPPO, XP-SWMM)	
B Software	\$8/hour
(ACAD-LT, ALGOR, AQTESOLV, ArcView, Barr Air Emissions, DAMBRK, Decartes, FLAC, GiNT (boring Log), GTGS, HydroCAD, Hydrogeo Chem (piper & stiff plots), Inexpress, Lahey Compiler, LIMS, LogPlot (boring logs), ModelCAD, ModIME, PASCE-Plant CAD, SESOIL, SLOPE, SODA, STAAD, Stratgraphics, SURFER, Systat, TGRAF)	
D Software (Minneapolis) and F Software (Hibbing).....	\$6/hour
(ACAD, ACAD-LT, CAD Overlay, Eagle Point, MicroStation PC, Probelt, Siteworks)	
I Software.....	\$20/hour
(PASCE-Plant Schema, PASCE-Plant View)	
J Software.....	\$40/hour
(JK Simmet)	
T Software	\$25/hour
(Digitizing and Video Equipment)	

General use software is not surcharged.

COPY PRODUCTION RATE SCHEDULE

Reproduction

Photo Copies (large format):	
All sizes07
Xerox Copier:	
Bond (sq. ft.).....	0.35
Vellum (sq. ft.).....	0.60
Photocopies (8½ x 11, 11 x 17).....	0.07
Fax.....	0.75
Color Copies.....	0.80
Plotter:	
Bond/Vellum.....	3.00/sq. ft.
Photo Grade.....	5.00/sq. ft.
Laser (11 x 17).....	0.50
Xerox/Tektronix Color Printers, A- & B-size:	
All sizes.....	0.50
Overhead Transparency	1.00

Binding (each)

Dependent on size.....	2.00-10.00
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RENTAL EQUIPMENT RATE SCHEDULE

Non-Expendable Equipment

Air Quality

Air-Cooled M5 Probe/Oven Assembly	300.00
Ambient SO ₂ Monitor	100.00
Analyzer Filter Oven	11.00
Analyzer Support Kit (a.)	400.00
Anemometer	50.50
CO Analyzer.....	168.00
CO Cal Gases (set of 2).....	33.50
CO/O ₂ /CO ₂ Regulators (set of 2)	17.00
Data Logger	33.50
Dilution Calibrator	200.00
Dual Pen Strip Chart	45.00
EPA 25 Tank/Trap Set.....	11.75
EPA 6 SO ₂ Analysis Kit.....	56.00
EPA Method 25 (TGNMO) Sampling Train.....	252.00
EPA Method 3 ORSAT Train	22.50
EPA Method 5 Sampling Train.....	364.00
EPA Method 5 Wet Test Meter Calibrator.....	224.00
Filter Balance (per filter).....	5.50
Gas Conditioner	56.00
Heated Sample Line (100')	84.00
Heated Sample Line (150')	100.00
Heated Sample Line (50')	56.00
High Flow Pumps (each).....	38.00
Hivol Ambient Cal. Kit	22.50
Hydrocarbon Calibration Gases.....	56.00
Hydrocarbon Regulator Set	28.00
Low Flow Pumps (each)	28.00
Met Station Calibration Kit	116.50
Midget Impinger Sample Line	60.00
Midget Impinger Sampling Train	11.00
NO _x Analyzer	224.00
NO _x Cal Gases (set of 2)	33.50
NO _x /SO ₂ Regulators (set of 2)	22.50
O ₂ /CO ₂ Analyzer	168.00
O ₂ /CO ₂ Cal Gases (set of 2)	33.50
Portable Oxygen Analyzer	28.00
Single Pen Strip Chart Recorder.....	33.50
SO ₂ Analyzer.....	280.00
SO ₂ Calibration Gas.....	33.50
Total Hydrocarbon Analyzer	353.00
TRS Kit.....	100.00
TSP Hi-Vol Sampler	28.00
Universal Control Console (Vost Meter)	173.50
Volumetric Air Flow Measurement Kit	61.00

Field Equipment

1½-inch Submersible Purge Pump	30.45
Alpha Water Bottle (each usage)	3.00
Area/Velocity Flowmeter	12.00
Automatic Sampler with Depth Sensor and Flowmeter.....	16.28
Automatic Sampler.....	8.14
Cleaning & Calibration Certification	125.00
Conductivity Meter	17.50
Current Meter Suspension Kit.....	55.00
Data Logger - Hermit	61.00
Data Transfer System	22.00
Depth Sensor/Flowmeter Only	9.19
Dissolved Oxygen Meter	29.00
Dissolved Oxygen/Conductivity Meter	38.25
Drill Rod (foot).....	2.50
Ekman Dredge	6.00
Electric Vacuum Pump.....	4.75
Environmental Equipment Shelter	2.75
Field Rugged Laptop/Pocket PC.....	25.00
Fluorimeter	17.50
GA-90 Landfill Gas Analyzer.....	87.00
Gas Centrifugal Pump.....	26.75
Gas Generator	29.00
Groundwater Hand Pump	14.50
Hand Vacuum Pump.....	2.30
Hand-held Velocity Flow Meter	40.50
Hazmat Drum Kit.....	19.75
Heavy-Duty Weed/Brush Trimmer	17.00
Immunoassay Field Photometer	61.50
Kemmerer Vertical Bottle Sampler.....	33.50
Magnetometer	116.00
Multi-parameter Surface Water Datalogger	19.75
Oil, Water Interphase Probe	87.00
Peristaltic Pump	42.00
Petite Ponar Dredge	14.50
pH Meter	27.75
Portable Colorimeter	34.75
Pressure Transducer	40.50
Sediment Corer (each usage).....	5.75
Seisgun	60.00
Soil Core Sampler/ Bucket Auger	29.00
Soil Gas Recovery System	191.00
Soil Vapor Extraction System	400.00
Sontek ADV (Acoustic Doppler Velocimeter)	128.00
Split Tube Soil Probe/Hand Auger	8.75
Stainless Steel Bailer (each usage)	18.50
Submersible Pump.....	58.54
Temperature Datalogger.....	1.50
Tent.....	7.36
Turbidimeter.....	14.00
Underwater Viewing System	60.00
Water Level/Temperature Probe/Datalogger (MiniTroll)	41.48
Water Quality Meter (YSI 556 MPS)	58.00
Well Level Indicator.....	22.00
Zooplankton Net.....	7.00
Zooplankton	145.00

Materials and Testing

Brass Sieve Set	6.00
Chlorophyll a	60.00
Coarse Sieve Set	10.00
Concrete Air Meter	36.00
Concrete Test Hammer	40.50
Dual-Mass Dynamic Cone Penetrometer	50.00
Hand Vane Shear	98.50
Heavy-Duty Balance	16.00
Horizontal Sample Ejector	25.50
Kessler Field Moisture Oven	45.00
Laboratory Analysis	7.00
Laboratory Services	1.00
Liquid Limit Set	7.50
Metal Thickness Gauge	107.00
Paint Thickness Gauge	15.00
Phytoplankton	145.00
Platform Beam Scale	14.75
Pneumatic Pressure Indicator	71.50
Power Auger	43.00
Proctor Set	4.50
Sample Splitter	5.00
Sand Cone Set	3.41
Sinco Inclinator Probe	200.00
Soluble Reactive Phosphorus	28.00
Torvane Shear Device	2.50
Total Dissolved Phosphorus	30.00
Total Nitrogen (TN)	40.00
Total Phosphorus (TP)	23.00
Vibrating Wire Logger VW2104	24.00
Weld Inspection Equipment	12.00

Safety

5-Minute Escape Pack (ELSA)	6.00
Aerosol/Dust Monitor (Miniram PDM-3 or PDR-1000)	67.75
Calibration Gas Kit	8.75
CO Monitor (ISC T82)	36.00
Combustible Gas Indicator (M40 or I.S.C. MX251)	45.00
Combustible Gas Indicator (MSA 260/360)	58.00
Confined Space Rescue Retrieval Equipment	295.00
Confined Space Ventilator	54.75
Detector Tube Pump	15.00
DL-101 11.7 eV Conversion Kit	20.00
Drager Chip Measurement System	75.00
Dry Cell Air Flow Calibrator	50.00
Flame Ionization Detector (TVA-1000)	133.00
Flotation Worksuit	19.75
Full-Face Respirator	8.00
H ₂ S Meter (I.S.C. T40)	27.00
H ₂ S, O ₂ and LEL Meter	48.75
Half-Face Respirator	6.00
OVM 580B 11.8eV Lamp Conversion Kit	14.00
Photoionization Detector (Hnu PI-101)	99.00
Photoionization Detector (OVM 580B)	110.00
Radiation Monitor	9.25
Recording Photoionization Detector (Hnu DL-101)	110.00
Self-Contained Breathing Apparatus (SCBA)	63.75
Self-Retracting Lifeline (30')	56.00
Sound Level Meter	48.75
Supplied Air Breathing System with SCBA	75.50

Survey

16' John Boat & Trailer.....	52.00
20 HP Outboard Motor.....	46.50
Aerial Photography System	150.00
Canoe	21.75
Chain Saw.....	23.00
Communication Radios (set).....	17.75
Differential GPS System	90.00
Hand Ice Auger	7.00
Hand-Held GPS/Digital Camera Kit	22.00
Hand-Held Laser Meter.....	65.00
Iron Locator.....	17.50
Laser Rangefinder	87.00
LCD Depth Locator	11.50
Power Ice Auger	30.00
Recording Depth Locator	37.00
Robotic Total Station (per hour, 4-hour minimum).....	31.50
RTK GPS Survey System (per hour, 4-hour minimum)	42.00
Survey Notebook Computer.....	28.75
Survey Set (Transit or Level, Tripod and Rod)	20.75
Total Station Survey Set - Complete.....	116.50
Total Station Survey Set	65.00

Vehicles and Trailers

4WD All-Terrain Vehicle.....	89.50
Air Sampling Trailer	38.00
Heavy Trailer Mileage (in addition to vehicle mileage at IRS rate)	0.25
Utility Trailer	33.60
Vehicle - 2WD Field (c.)	45.00
Vehicle - 4WD Field (c.)	60.00
Vehicle - Cube Truck	75.00
Vehicle - Utility (b.).....	35.00
Vehicle Mileage (company and personal).....	0.520

Communications and Imaging

35mm Cameras (day)	3.00
Cellular Telephones, Including Air Time (day)	9.98
Digital Camera Kit.....	12.00
Professional-Format Still Camera Kit.....	75.50
Video Camera (day).....	20.00

Expendable Field Supplies

3/8-Inch I.D. PVC Tubing (per foot)	0.38
3/8-Inch I.D. Silicone Pump Tubing (per foot).....	6.20
35mm Print Film - 12 Exposure (roll)	3.95
35mm Print Film - 24 Exposure (roll)	5.25
35mm Print Film - 36 Exposure (roll)	6.85
35mm Slide Film - 24 Exposure (roll).....	7.60
35mm Slide Film - 36 Exposure (roll).....	10.50
4-mil Quart Reclosable Bag (pack of 50)	3.25
500 ml Disposable Filtration Apparatus (each)	10.50
Acid Suit (each).....	70.00
Boot Covers (pair).....	3.15
Colorimetric Water Analysis Kit (each test).....	1.90
Compressed Air (each 300 cf)	16.00
Compressed Air (each 45 cf)	2.50
Compressed Helium (each 100 cf)	18.00
Detector Tubes (each)	7.00
Disposable 35mm Camera (each)	13.50
Disposable Panoramic Camera (each).....	11.75
Distilled Water (each).....	3.50
Dot Glove (pair).....	1.50

Encore Sampler - 25 Gram	10.00
Fabric Soil Sample Bag (each)	1.58
Field Book/Construction Diary	13.13
Five Gallon Pail with Lid.....	5.57
Ice (per bag).....	1.00
In-Line Groundwater Filter (each)	16.00
Lath, 4' (bundle)	17.64
Lock (each)	12.08
Mason Jars w/lids (dozen)	5.50
Neoprene Gloves (pair).....	3.75
Nitrile Gloves (pair)	1.84
Paint Can, 1-Gallon Empty (each)	1.25
Paper Towels (per roll).....	1.25
Poly-Coated Tyvek Coverall (each)	5.78
Respirator Cartridges (each).....	9.98
Saranex Tyvek Coverall (each).....	19.00
Spray Paint (each)	4.25
Staff Gauge (each).....	36.75
Stakes (bundle)	14.70
Surgical Gloves (pair)	0.30
Tyvek/Kleenguard Coverall (each).....	5.78
Viton Gloves (pair)	50.00
Weighted Disposable Bailer (each).....	4.25
Winter Glove Liner (pair).....	2.89
Winter Gloves (pair)	8.65

General Notes: - Applicable to all Equipment Listed on this Schedule

- 1.) Minimum rental period is 0.5 days.
- 2.) Rental charges begin on the first day the equipment is used on a project.
- 3.) Rental charges end on the last day the equipment is used on a project.
- 4.) A 25 percent weekly rate discount will apply to equipment rental for 5 or more days
- 5.) A 40 percent monthly discount will apply to equipment rental for 20 or more days.
- 6.) Equivalent equipment/models may be substituted for the items listed.

End Notes - Applicable to Only the Equipment Noted

- a.) Analyzer Support Kit includes the following: Airflow Kit, Total Hydrocarbon Analyzer, NOX Analyzer, CO Analyzer, O2 Meter, SO2 Analyzer, CO2/O2 Analyzer, Heated Sample Line (50'), Heated Sample Line (100'), Gas Conditioner, Heated Filter Box, Single Pen Recorder, Dual Pen Strip Chart, Data Logger, C3/C4 Cal Gases (set), NOX/SO2 Cal Gases (set), CO Cal Gases (set), CO2/O2 Cal Gas (set of 2), SO2 Cal Gas (set of 2), C3 Regulator Set, NOX/SO2 Regulators (set of 2), and CO/CO2/O2 Regulators (set of 2)
- b.) Vehicles older than 1997
- c.) Field vehicles which include special equipment and employee vehicles subjected to field, off-site, transport or other severe duty.

AQUATERRA PRICING PAGE

NOTES TO STATE AGENCY:

For SAM II purposes, use Line Item 001 and commodity code 92675.

Aquaterra may charge up to 8 over net cost for subcontracted services and/or equipment.

LABOR

LABOR CLASSIFICATIONS	PRICE PER HOUR FOR SERVICES PROVIDED
Project Manager	\$87.95
Health & Safety Supervisor	\$56.90
Environmental Specialist	\$53.80
Scientist	\$53.80
Field Analytical Chemist	\$60.00
Biologist	\$60.00
Geologist	\$60.00
Hydrologist	\$60.00
Industrial Hygienist	\$60.00
Field Technician	\$46.55
Clerk	\$36.20
Contract Administrator	\$87.95
Staff Engineer	\$60.00

EQUIPMENT

EQUIPMENT	PRICE PER HOUR FOR EQUIPMENT USAGE
Gas Chromatograph	\$27.50
Photoionization Detector	\$11.50
pH Meter	\$1.00
Metal Detector	\$3.00
Drum Opener	\$1.00
Explosion Meter	\$11.50
Monitoring Well Bailer	\$.55
Water Level Indicator	\$2.00
Interface Probe	\$4.00
Generator	\$1.50
Level B Personal Protective Equipment	\$0.00
Level C Personal Protective Equipment	\$0.00
Utility Truck/Vehicle	\$3.00
Oxygen Meter	\$3.00

Office Equipment and Expenses		
Digital Camera	\$10.00	per day
Scanner	\$15.00	per use
Electronic Files on CD or Disk	\$10.00	each
Additional Report Copies:		
less than 100 pages	\$25.00	each
100 to 250 pages	\$35.00	each
250 to 500 pages	\$40.00	each
more than 500 pages	\$50.00	each
24-inch by 36-inch plots	\$25.00	each
36-inch by 48-inch plots	\$25.00	each
Support Vehicles		
Company Truck:		
Daily Usage	\$40.00	per day
Weekly Usage	\$200.00	per week
Mileage	\$0.600	miles
Company Truck with Trailer:		
Daily Usage	\$40.00	per day
Weekly Usage	\$200.00	per week
Mileage	\$0.700	miles
Rental Vehicle:		
Daily Usage	Cost +8%	per day
Mileage	\$0	miles
Field Equipment (Non-Expendable)		
Track-mounted Probe	\$550.00	per day
Track-mounted Probe	\$2,500.00	per week
Mobile Laboratory	\$275.00	per day
Field Sampling Trailer	\$350.00	per day
Nuclear Density Gauge	\$80.00	per day
Water Level Indicator (100 foot)	\$20.00	per day
Water Level Indicator (200 foot)	\$30.00	per day
pH/Temperature Meter	\$10.00	per day
Conductivity Meter	\$10.00	per day
Decontamination Sprayers	\$15.00	per day
Peristaltic Pump	\$35.00	per day
Hand Augers	\$15.00	per day

Expendable Equipment and Supplies		
Health and Safety:		
Ear plugs	\$0.80	per pair
Nitrile gloves	\$0.13	per pair
Cloth gloves	\$1.20	per pair
NOMEX (Fire-Resist Coveralls)	\$20.00	per project
Tyvek suits	\$13.00	each
Dry Goods:		
3/8-inch/Granular Bentonite	\$12.88	per 50-lb bag
Filter Pack Sand	\$7.50	per 50-lb bag
Quickrete	\$10.00	per 60-lb bag
Geoprobe Supplies:		
Soil Sampling Liners	\$2.23	each
Poly. Tubing	\$0.13	per foot
Groundwater Points	\$4.76	each
Silicone Tubing (peristaltic pump)	\$2.00	per foot
Poly. Tubing for Mech. Bladd. Pump	\$2.00	per foot
Teflon Tubing for Mech. Bladd. Pump	\$5.00	per foot
1-inch PVC Piping:		
Screen (1" x 5' sections)	\$9.79	each
PVC points	\$3.90	each
Riser (1" x 5' sections)	\$5.64	each
Measure/Marking Devices:		
Long Stakes	\$0.75	each
Short Stakes	\$0.50	each
Marking Paint	\$3.50	each
Flagging	\$1.50	per roll
Flags	\$0.08	each
Paint Pens	\$3.25	each
Decontamination:		
Plastic (Rolls)	\$7.50	per roll
Alconox Powder	\$0.50	per packet
Distilled Water	\$1.25	per gallon
Monitoring Well Sampling:		
Bailers (disposable)	\$5.50	each
Bailer string	\$2.50	per 48-ft roll

Surge Block	\$10.00	per well
Measuring Tapes (100-foot, wheel)	\$5.00	per day
Hand-held GPS Unit	\$25.00	per day
OVM Calibration Gases	\$5.00	per day
Landtec Calibration Gases	\$5.00	per day
Welder	\$10.00	per day
Generator	\$15.00	per day
Air Compressor	\$12.00	per day
Sandblaster	\$8.00	per day
Mechanical Bladder Pump	\$60.00	per day
Gem 500	\$115.00	per day
PID	\$115.00	per day
Slug	\$10.00	per day
Miscellaneous Tools	\$5.00	per day

Locks (Keyed alike #3447)	\$5.50	each
0.45-micron Filters	\$16.00	each
Miscellaneous Supplies:		
1-gallon Ziplocks	\$2.50	per box of 20
Field Log Books (8-page)	\$1.55	each
Buckets w/ Lid	\$5.50	each
2.125-in exp Points	\$7.95	each

Pricing Page (continued)

Environmental Fee Schedule							
Test Name	Matrix	Method	Analytical Technique	Collection Media	Minimum Amount	Preservative Notes	Fee
Acid Extactables	Water	625	GC/MS	G/T	2x1000ml	4 C Na2S203	\$ 155.00
Acid Extactables	Water	8270	GC/MS	G/T	2x1000ml	4 C Na2S203	\$ 155.00
Acid Extactables	Soil	8270	GC/MS	G/T	100 grams	4 C Na2S203	\$ 155.00
Acid Extactables	Up to 5 Compounds	625/8270	GC/MS	G/T	2x1000ml/100 grams	4 C Na2S203	\$ 155.00
Acid/Base/Neutrals (A/B/N) Extractables	Water	8270	GC/MS	G/T	100 grams	4 C	\$ 258.75
Acid/Base/Neutrals (A/B/N) Extractables	Soil	8270	GC/MS	G/T	2x1000ml/100 grams	4 C	\$ 258.75
Acid/Base/Neutrals (A/B/N) Extractables	Up to 5 Compounds	625/8270	GC/MS	G/T	2x1000ml/100 grams	4 C	\$ 258.75
Acid/Base/Neutrals (A/B/N) Extractables	Water	625	GC/MS	G/T	2x1000ml	4 C Na2S203	\$ 258.75
Base/Neutrals (B/N) Extractables	Water	625	GC/MS	G/T	2x1000	4 C Na2S203	\$ 155.00
Base/Neutrals (B/N) Extractables	Water	8270	GC/MS	G/T	2x1000	4 C Na2S203	\$ 155.00
Base/Neutrals (B/N) Extractables	Soil	8270	GC/MS	G/T	100 grams	4 C	\$ 155.00
Base/Neutrals (B/N) Extractables	Up to 5 Compounds	625/8270	GC/MS	G/T	2x1000ml/100 grams	4 C Na2S203	\$ 129.00
Beryllium		6010	ICP			HCl, 4 C	\$ 25.55
Boron		6010	ICP			HCl, 4 C	\$ 25.55
Bromides		300.1	IC	P/G	125ml	4 C	\$ 36.20
BTEX and MTBE (Methyl T-Butly Ether)	Water	8021	GC/PID	G/T	3/40ml	HCl, 4 C	\$ 51.75
BTEX and MTBE (Methyl T-Butly Ether)	Soil	8021	GC/PID	G/T	50 grams	4 C	\$ 51.75
Cadmium		6010				HCl, 4 C	\$ 25.55
Calcium		6010				HCl, 4 C	\$ 25.55
Chlorides		300.1	IC	P/G	125 mL	4 C	\$ 25.55

Pricing Page (continued)

Environmental Fee Schedule							
Test Name	Matrix	Method	Analytical Technique	Collection Media	Minimum Amount	Preservative Notes	Fee
Chlorinated Hydrocarbons	Water	8021	GC/ECD	G/T	2 x 1000ml	4 C	\$ 93.00
Chlorinated Hydrocarbons	Soil	8021	GC/ECD	G/T	100 grams	4 C	\$ 93.00
Chromium		6010				HCl, 4 C	\$ 25.55
Chromium, Hexavalent (Chrome VI, Cr ⁺⁶)	Water	7196	SPEC.	P/G	250 mL	4 C	\$ 36.20
Cobalt		6010				HCl, 4 C	\$ 25.55
Conductance, Specific	Water	120.1	COND.	P/G	125 mL	4 C	\$ 15.50
Copper (drinking water)	Water	220.1/220.2	AA/GFAA	P/G	125 mL	HNO3	\$ 25.55
Copper		6010				HCl, 4 C	\$ 25.55
Corrosivity (pH)	Water	9045	pH Meter	P/G	50 mL	4 C	\$ 10.35
Corrosivity (pH)	Soil	9045	pH Meter	P/G	50 grams	4 C	\$ 10.35
Flashpoint	Liquid/	ASTM D-93		G/T	125mL	4 C	\$ 25.55
Fluorides		300	IC	P/G	125 mL	4 C	\$ 25.55
Free Liquids Test	Soil	9095		P/G	200 grams	4 C	\$ 10.35
Gold		6010				HCl, 4 C	\$ 25.55
Herbicides, Chlorinated	Water	8151	GC/ECD	G/T	2 x 1000ml	4 C	\$ 155.25
Herbicides, Chlorinated	Soil	8151	GC/ECD	G/T	100 grams	4 C	\$ 155.25
Heterotrophic Plate Count	Water	SM9215	MICRO.	P	100 mL	4 C	\$ 31.00
Ignitability	Liquid	7.1(ASTM D93)		G/T	125 mL	4 C	\$ 25.55
Nitates		300.1	IC	P/G	125 mL	4 C	\$ 25.55
Nitrites		300.1	IC	P/G	125 mL	4 C	\$ 25.55
Oil & Grease	Water	413.1	GRAV.	G/T	2 x 1000ml	HCl, 4 C	\$ 62.00
PAHs (Polynuclear Aromatic Hydrocarbons)	Water	8270	GC/MS	G/T	2 x 1000ml	4C Na2S2O3	\$ 155.00
PAHs (Polynuclear Aromatic Hydrocarbons)	Soil	8270	GC/MS	G/T	100 grams	4 C	\$ 155.00
Paint Filter Liquids Test		9095					\$ 10.35
PCBs (Polychlorinated)	Water	608/8081	GC/ECD	G/T	2 x 1000ml	4C Na2S2O3	\$ 93.00
PCBs (Polychlorinated)	Soil	8081	GC/ECD	G/T	50 grams	4 C	\$ 93.00

Pricing Page (continued)

Environmental Fee Schedule							
Test Name	Matrix	Method	Analytical Technique	Collection Media	Minimum Amount	Preservative Notes	Fee
PCBs (Polychlorinated)	Oil	8081	GC/ECD	G/T	5 grams	4 C	\$ 93.00
PCBs (Polychlorinated)	Wipe	8081	GC/ECD	G/T		4 C	\$ 93.00
Pesticides, Organochlorine	Water	608/8081	GC/ECD	G/T	2 x 1000ml	4C Na2S2O3	\$ 113.55
Pesticides, Organochlorine	Soil	8081	GC/ECD	G/T	100 grams	4 C	\$ 113.55
Pesticides, Organochlorine	Wipe	8081 M	GC/ECD	G/T			\$ 113.55
Pesticides, Organochlorine and PCBs	Water	608	GC/ECD	G/T	2 x 1000ml	4C Na2S2O3	\$ 129.00
Pesticides, Organochlorine and PCBs	Water	8081	GC/ECD	G/T	2 x 1000ml	4C Na2S2O3	\$ 129.00
Pesticides, Organochlorine and PCBs	Soil	8081	GC/ECD	G/T	100 grams	4 C	\$ 129.00
Pesticides, Organophosphorus	Water	8141	GC/NPD	G/T	2 x 1000ml	4 C	\$ 129.00
Pesticides, Organophosphorus	Soil	8141	GC/NPD	G/T	100 grams	4 C	\$ 129.00
Petroleum Hydrocarbons, Fingerprint	Oil	8015M	GC	G/T	20 grams		\$ 62.00
pH	Water	150.1	pH Meter	P/G	125 mL	4 C	\$ 10.35
pH	Soil	9045	pH Meter	P/G	20 grams	4 C	\$ 10.35
PM 10		40CFR50	Grav./AA	QFF			\$ 36.20
PM 10		40CFR50	Grav./AA	QFF			\$ 25.55
Reactivity	Soil	7.2	Spec/Titr	G/T	100 grams	4 C	\$ 62.00
Selenium		6010					\$ 25.55
Silica, Dissolved	Water	370	Spec.	P	125 mL	4 C	\$ 15.50
Solids, Total Suspended	Water	160.2					\$ 15.50
Sulfates		300.1	IC	P/G	125 mL	4 C	\$ 25.55
TAL Metals							\$ 129.00
TCLP (Toxicity Characteristic Leaching Procedure) - Full	Soil	1311	VARIOUS	G/T	500 grams	4 C	\$ 672.75
TCLP (Toxicity Characteristic Leaching Procedure) - Full	Waste	1311	VARIOUS	G/T	500 grams	4 C	\$ 672.75

Pricing Page (continued)

Environmental Fee Schedule							
Test Name	Matrix	Method	Analytical Technique	Collection Media	Minimum Amount	Preservative Notes	Fee
TCLP Extraction for Metals/Semi Volatiles	Soil	1311		G/T	500 grams	4 C	\$ 36.20
TCLP Extraction for Metals/Semi Volatiles	Waste	1311		G/T	500 grams	4 C	\$ 36.20
TCLP Extraction for Volatiles Zero Headspace Extraction ZHE	Soil	1311		G/T	50 grams	4 C	\$ 36.20
TCLP Extraction for Volatiles Zero Headspace Extraction ZHE	Waste	1311		G/T	50 grams	4 C	\$ 36.20
TCLP Herbicide Analysis	TCLP Extr	8151	GC/ECD	G/T	2 x 1000ml	4 C	\$ 155.00
TCLP Herbicide Analysis	Water	8151	GC/ECD	G/T	2 x 1000ml	4 C	\$ 155.00
TCLP Lead Only Analysis (includes extraction)	Soil	1311/7420	AA	P	200 grams	4 C	\$ 31.00
TCLP Lead Only Analysis (includes extraction)	Water	1311/239.1	AA	P	125 mL	4 C	\$ 31.00
TCLP Metals (RCRA) Analysis (includes extraction)	Liquid/ Solid Waste	1311/ 6010/7000	ICP / AA / CVAA		500mL / 200 grams	4 C	\$ 129.00
TCLP Pesticides Analysis	TCLP Extr	8081	GC/ECD	G/T	2 x 1000ml	4 C	\$ 129.00
TCLP Pesticides Analysis	Water	8081	GC/ECD	G/T	2 x 1000ml	4 C	\$ 129.00
TCLP Semi-Volatiles Analysis	TCLP Extr	8270	GC/ECD	G/T	2 x 1000ml	4 C	\$ 227.70
TCLP Semi-Volatiles Analysis	Water	8270	GC/ECD	G/T	2 x 1000ml	4 C	\$ 227.70
TCLP Volatiles	TCLP Extr	8260	GC/ECD	G/T	3 x 40mL	4 C	\$ 129.00
TCLP Volatiles	Water	8260	GC/ECD	G/T	3 x 40mL	4 C	\$ 129.00
TPH by IR (Total Recoverable Petroleum Hydrocarbons by	Water	418.1	IR	G/T	2 x 1000ml	HCl, 4 C	\$ 103.50

Pricing Page (continued)

Environmental Fee Schedule							
Test Name	Matrix	Method	Analytical Technique	Collection Media	Minimum Amount	Preservative Notes	Fee
IR)							
TPH by IR (Total Recoverable Petroleum Hydrocarbons by IR)	Soil	418.1M	IR	G/T	100 grams	4 C	\$ 103.50
TPH-DRO (Total Petroleum Hydrocarbons, Diesel Range)	Water	8015M	GC	G/T	2 x 1000ml	HCl, 4 C	\$ 62.10
TPH-DRO (Total Petroleum Hydrocarbons, Diesel Range Organics by GC)	Soil	8015M	GC	G/T	100 grams	4 C	\$ 62.10
TPH-GRO (Total Petroleum Hydrocarbons, Gasoline Range Organics by GC)	Water	8015M	P&T/GC	G/T	2 x 40mL	HCl, 4 C	\$ 46.55
TPH-GRO (Total Petroleum Hydrocarbons, Gasoline Range Organics by GC)	Soil	8015M	P&T/GC	G/T	50 grams	4 C	\$ 46.55
TSP		40CFR50	GRAV.	GFF			\$ 25.55
TSS (Total Suspended Solids)	Water	SM2540.0	GRAV.	P/G	1000mL	4 C	\$ 15.50
Tungsten		6010					\$ 25.55
Turbidity	Water	180.1	TURB.	P/G	125 mL	4 C	\$ 10.35
Vanadium		6010					\$ 25.55
VOCs (Volatiles Organic Compounds)	Water	624	P&T/GC/MS	G/T	3 x 40mL	4 C	\$ 129.00
VOCs (Volatiles Organic Compounds)	Water	8260	P&T/GC/MS	G/T	3 x 40mL	HCl, 4 C	\$ 129.00
VOCs (Volatiles Organic Compounds)	Soil	8260	P&T/GC/MS	G/T	50 grams	4 C	\$ 129.00
VOCs (Volatiles Organic Compounds)	Water/Soil	8260	P&T/GC/MS	G/T	2 x 40mL / 50 grams	4 C	\$ 129.00

Pricing Page (continued)

Environmental Fee Schedule							
Test Name	Matrix	Method	Analytical Technique	Collection Media	Minimum Amount	Preservative Notes	Fee
Volatile Aromatic Hydrocarbons	Water	602	P&T/GC	G/T	3 x 40mL	HCl, 4 C	\$ 67.25
Volatile Aromatic Hydrocarbons	Water	8021	P&T/GC	G/T	3 x 40mL	HCl, 4 C	\$ 67.25
Volatile Aromatic Hydrocarbons	Soil	8021	P&T/GC	G/T	50 grams	4 C	\$ 67.25
Volatile Hydrocarbons	Water	601	P&T/GC	G/T	3 x 40mL	HCl, 4 C	\$ 77.50
Volatile Hydrocarbons	Water	8021	P&T/GC	G/T	3 x 40mL	HCl, 4 C	\$ 77.50
Volatile Hydrocarbons	Soil	8021	P&T/GC	G/T	50 grams	4 C	\$ 77.50