



April 18, 2012

Ms. Andrea Indelicato  
New York State Department of Environmental Conservation  
Division of Environmental Remediation  
Bureau of Program Management, Room 1224  
625 Broadway  
Albany, New York 12233-7012

**Subject: Work Assignment D006132-18 Amendment 1  
Warrensburg Laundry and Dry Cleaning - Site Characterization**

Dear Ms. Indelicato:

Shaw Environmental & Infrastructure Engineering of New York, P.C (Shaw) is submitting the attached 2.11 budget summary amending our initial scope of work for the Warrensburg Laundry and Dry Cleaning Site (WLDC) (Site Number 5-57-022) located at 11 Richards Avenue, Warrensburg, Warren County, New York (Site). This scope of services discussed herein is based upon the initial Work Assignment (WA) D006132-18 provided to Shaw on December 7, 2010 and evaluation of soil, vapor and groundwater sampling which occurred from April 2011 through June 2011, NYSDEC comments in response to a draft Site Characterization Report summarizing the previously mentioned sampling media (dated January 19, 2012), as well as a Site visit on February 10<sup>th</sup>, 2012 which involved NYSDEC, New York State Department of Health (NYSDOH), the property owner, Shaw representatives and recent direction provided to Shaw by the NYSDEC project manager. The results of the original scope of work indicated the necessity to complete additional assessment activities at the Site.

The intent of this additional investigation at WLDC is to collect additional samples to characterize water quality within the production well and vapor phase concentrations in indoor air and the subsurface. The anticipated scope of work includes the collection of water quality samples from the production well, installation and sampling of additional soil gas points on and adjacent to the Site and the collection of indoor air samples within WLDC as detailed in the remaining portions of this document.

Project activities will be completed in accordance with this April 2012 cost estimate. Shaw assumes that the additional field work will be completed prior to May 30, 2012. Subsequent to the completion of the field activities a revised Site Characterization Report will be completed prior to August 31, 2012. All field work will be completed within 45 days of mobilization to the site.

Financially, the original approved budget was \$98,361; a balance of approximately **\$21,600** remains as of CAP 29. Although the revised budget (including the additional scope of work) is estimated at \$112,256, the amendment for additional services is totaled at **\$13,894.60**

Please do not hesitate to contact either of us should you have any questions or comments regarding this 2.11 package.

Sincerely,



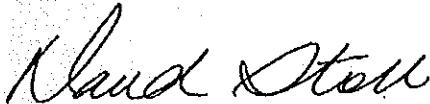
Robert Adams  
Project Scientist  
Shaw Environmental & Infrastructure Engineering of NY, P.C.

Please Reply To: Robert Adams

Phone: 518.785.2342

E-Mail Address: [robert.adams@shawgrp.com](mailto:robert.adams@shawgrp.com)

Sincerely,



David C. Stoll, P.G.  
Program Manager  
Shaw Environmental & Infrastructure Engineering of NY, P.C.

Please Reply To: Dave Stoll

Phone: 518.785.2362

E-Mail Address: [dave.stoll@shawgrp.com](mailto:dave.stoll@shawgrp.com)

Attachments: Schedule 1  
Schedule 2



April 18, 2012

**Subject:           Schedule 1 for Work Assignment D006132-18 Amendment 1  
Warrensburg Laundry and Dry Cleaning - Site Characterization**

Shaw Environmental & Infrastructure Engineering of New York, P.C (Shaw) is submitting the attached 2.11 budget summary amending our initial scope of work for the Warrensburg Laundry and Dry Cleaning Site (Site Number 5-57-022) located at 11 Richards Avenue, Warrensburg, Warren County, New York (Site). The original scope of work was approved by the NYSDEC on March 1, 2011 for \$98,361. This scope of services discussed herein is based upon the initial Work Assignment (WA) D006132-18 provided to Shaw on December 7, 2010, an evaluation of soil, vapor and groundwater sampling which occurred from April 2011 through June 2011, NYSDEC comments in response to a draft Site Characterization (SC) Report summarizing the previously mentioned sampling media dated (January 19, 2012) as well as a Site visit on February 10<sup>th</sup>, 2012 which involved NYSDEC, New York State Department of Health (NYSDOH), the property owner, Shaw representatives and recent direction provided to Shaw by the NYSDEC Project Manager. The intent of this investigation at the Warrensburg Laundry and Dry Cleaning (WLDC) is to collect additional samples to further characterize water quality within the production well at the Site and vapor phase concentrations in indoor air and the subsurface. The anticipated scope of work includes the collection of water quality samples from the production well, and installation and sampling of additional soil gas points on and adjacent to the Site and the collection of indoor air samples within WLDC as detailed in the remaining portions of this document.

Initial project activities were completed in accordance with the March 2011 cost estimate/work scope. Subsequent to the completion of the field activities and the site survey a draft Site Characterization Report (SCR) was completed and submitted to the NYSDEC in January 2012. Project activities for the additional investigative work will be completed in accordance with this April 2012 cost estimate. Shaw assumes that the initial phase of the additional field work will be completed prior to May 30, 2012. The SC will be revised and completed prior to August 31, 2012.

Please note that Shaw Labor Costs included herein includes direct costs (using average reimbursement rates supplied to Shaw from the NYSDEC for 2011 and 2012), indirect costs and fixed fee items. Shaw solicited bids from all five of our standby hollow stem auger (HSA) drilling companies (Parratt-Wolff, Natures Way, Geologic, Aztech and Buffalo Drilling); Aztech submitted the lowest price. One of the drilling companies, Geologic was not responsive in providing a cost for this work. The electronic mail documenting this is included in the attached 2.11

package. Shaw solicited a bid from Aztech to advance the soil gas points for the additional field work as they were the low bidder in the initial subsurface investigation. The award is for \$2,277.92 (\$2,169.45 plus \$108.47 for subcontract management fee). This brings the total award for Aztech to \$33,671.85 (\$32,068.43 plus \$1,603.42 subcontractors management fee). The electronic mail documenting this is included in the attached 2.11 package.

Shaw awarded the original rounds of soil, groundwater and air analysis to Upstate Laboratories, Inc. (Upstate) as they were the next vendor in Shaw's standby laboratory rotation at the time of the award. Shaw included costs for the analysis of up to 18 soil samples, 22 groundwater samples and 7 air samples. It was anticipated that one soil sample would be collected from each soil boring in addition to a duplicate sample, matrix spike (MS) and matrix spike duplicate (MSD). Also included was the cost for 22 groundwater samples from the 12 proposed sample locations/well locations, 7 existing well locations and the appropriate number of quality assurance/quality control (QA/QC) samples. The costs for five soil gas, one soil gas duplicate and one ambient air sample are also included as detailed in the work authorization received from the NYSDEC. The cost of the 18 soil samples, 22 groundwater samples and 7 air samples was \$23,364.60 (\$22,252 plus a \$1,112.60 subcontractor management fee).

Due to a recent contract suspension, Shaw awarded additional work to Chemtech Consulting Group (Chemtech), a minority owned business (MBE) and Air Toxics Laboratories (Air Toxics) as they were the next laboratories among the contractually approved rotational vendors. Chemtech will be analyzing the process well water samples and Air Toxics will analyze the air samples. Shaw has included costs for the analysis of up to 5 water samples and 14 air samples. Duplicate samples, matrix spike (MS) and matrix spike duplicate (MSD) are included. The cost for the water sample analysis is \$509.25 (\$485 plus \$24.24 subcontract management fee). The costs for five soil gas, one sub-slab vapor, two duplicate, one ambient indoor air sample and one outdoor ambient air as discussed during the Site visit on February 10, 2012 is \$2,706. The cost of the 11 air samples (including "T's", tubing and eCVP deliverable) \$2,706. The new total WA for Laboratory work is \$26,579.85 (\$25,443 plus \$1,136.85 in subcontract management fees).

Site-specific cost estimates were solicited from six qualified data validation companies (Validata, Environmental Data Validation (EDV) [M/WBE], Data Validation Services (DVS) [WBE], EcoChem, Stone Environmental and Environmental Quality Associates (EQA)). Validata submitted the lowest price. The award initial award was for \$3,392.00. A cost estimate was re-solicited from Validata for the additional work; the award is for \$305.25. The new total award to Validata is \$3,697.25).

Five qualified surveyors provided site-specific cost estimates (CT Male, YEC, Stantec, Shumaker and Santo) to survey the sample locations and provide a base map of the site. Shaw received three responses (Santo, YEC and Shumaker) and Santo submitted the lowest bid. The electronic mail documenting these bids is included in the attached 2.11 package.

Shaw used an engineer's estimate to select the waste removal company required to complete Task 2 of this WA. Shaw awarded the work to Clean Harbors. The award was for \$3,564 which is less than 5% of the total Work

Assignment. This estimate assumed one site visit to pick up drums containing drill cuttings, development water and groundwater obtained during installation of the five permanent monitoring wells and delivery to an approved disposal facility. The electronic mail documenting these bids is included in the attached 2.11 package.

The results of the first phase of work indicated the necessity for additional subsurface soil gas and sub-slab samples as well as a water sample from the on Site production well.

Financially, the original approved budget was \$98,361; a balance of approximately **\$21,600** remains as of CAP 29. Although the revised budget including the scope of work is estimated at \$112,256, the amendment for additional services is totaled at **\$13,894.60**

Please note that Shaw Labor Costs include direct costs (using average reimbursement rates), indirect costs and fixed fee items.

Below is a summary of the previous approved scope of work including the additional SC activities (Task 5).

#### **Task 1 – Preliminary Activities**

This task includes a scoping meeting to discuss this project, complete the initial site visit with the NYSDEC Project Manager (PM) as well as the time to complete a file review (i.e. EDR Report review), develop the 2.11s, progress schedule, site - specific HASP, and prepare this executive summary.

This task includes the following items and assumptions:

- Scoping Meeting (1 meeting);
- Trip to the site (1 day);
- File review (2 days);
- Preparation of Site Specific HASP;
- 2.11s, progress schedule, and preparation of this executive summary.

#### **Task 2 – Investigative Tasks**

This task includes the time and materials required for the completion of site assessment activities that includes soil vapor, soil and groundwater sampling, and monitoring well installation.

##### Pre-Field Work Site Reconnaissance

As mentioned previously, the intent of this Site Characterization investigation is to further delineate the extent of impacts to the soil, groundwater and soil vapor at the site, to determine the need for long term groundwater and/or soil vapor intrusion monitoring. The primary objectives of this task are to coordinate site investigation activities with the current property owner/tenant (if necessary) and to verify the locations for all proposed soil gas,

groundwater grab and monitoring well locations. Prior to mobilization, Shaw will coordinate with the Underground Facilities Protection Organization (UFPO) and current project location personnel for clearance of subsurface utilities and services. The purpose of this coordination is to protect the health and safety of field personnel and to prevent damage to underground utilities during intrusive activities. Public and privately owned utilities will be located by contacting responsible agencies/parties to provide mark-outs of underground utilities.

NYSDEC personnel will be responsible for the initial notification and contact with the property owner to establish access.

#### Soil/Groundwater Sampling

Prior to the beginning of investigative activities, Shaw's drilling subcontractor will obtain all necessary and required permits (State, County, Town, etc) to complete the drilling activities.

The generalized scope of work is to advance twelve (12) borings, five (5) of which will be completed as monitoring wells. Seven of the 12 borings will be completed as groundwater "grab" locations at a depth of approximately 50 feet below the ground surface (ft bgs) which is assumed to be the top of bedrock. The remaining five borings will be completed as permanent monitoring wells at an average depth of 35 ft bgs (which assumes that screens are set approximately 10 feet into the water table). Monitoring wells are expected to be constructed using 2-inch polyvinyl chloride (PVC) slotted screen (0.010-inch) and riser. The screen length is proposed to be 10 feet in length. The exact well construction details will be finalized following review of the current site conditions, actual field conditions and consultation with the NYSDEC PM. All five monitoring wells will be completed at grade with a locking curb box and secured in place with a concrete apron. These sampling locations may be modified or changed in the field in consultation with the NYSDEC PM. Locations will be continuously screened for Volatile Organic Compounds (VOCs) with a calibrated photoionization detector (PID) and characterized using the USCS classification scheme to their determined depth.

One soil sample will be collected per soil boring location for laboratory analysis. Samples will be collected at the depth exhibiting the highest PID instrument response or visible staining or the soil/groundwater interface as detailed in Shaw's Field Activities Plan (FAP, submitted earlier to the NYSDEC under separate cover).

Additionally, quality control samples will be collected using the ratio of 1 per 20 as detailed in Shaw's FAP. All soil samples will be analyzed for VOCs according to United States Environmental Protection Agency (US EPA) method 8260, semi-volatile organic compounds (SVOCs) using US EPA method 8270C, total metals by US EPA method 6010A and polychlorinated biphenyls (PCBs) using US EPA method 8082.

The newly installed monitoring wells will be developed no sooner than 24 hours after installation and allowed to stabilize for two weeks. Development of each monitoring well will include a combination of surging the well and pumping to remove groundwater from the well and will be considered complete when either the turbidity is below 50 NTUs, ten calculated well volumes have been removed or if the groundwater parameters (pH, specific conductivity, dissolved oxygen, turbidity, ORP, and temperature) have stabilized, whichever occurs first.

After the two week “rest” period, Shaw will collect a groundwater sample from each of the five newly installed monitoring wells and other select locations as determined in consultation with the NYSDEC. All groundwater samples, including the seven groundwater grab samples, will be collected via low-flow techniques until the parameters stabilize and at least one well volume has been removed. In addition, quality control samples (MS/MSD, duplicate, rinse blank and a trip blank, 1 per 20) will be collected for analysis. All groundwater samples will be analyzed for VOCs, SVOCs and total metals by US EPA methods 8260, 8270C and 7000/6010A, respectively. All groundwater samples will be entered onto a chain-of-custody (COC), placed into a properly packaged cooler and sent to Upstate, an approved ELAP certified laboratory, for analysis.

### Soil Gas Sampling

Soil gas samples will be collected to assess the potential for vapor intrusion in this area. Seven air samples will be collected as part of this investigation (five soil gas, one ambient air and one soil gas duplicate). These locations will be determined in consultation with the NYSDEC PM.

The five borings will be advanced to approximately 10 feet below ground surface to evaluate soil vapor conditions at the offsite property. The borings will be completed as “permanent” soil vapor points to facilitate the collection of soil vapor samples. A helium leak detection test will be performed to ensure the seal is “tight” as detailed in our FAP. Approximately one to three volumes of air will be purged at a flow rate of less than 0.2 liters/minute. When a sufficient volume is removed, the 6-liter summa canister with an 8-hour regulator (both batch certified) will be attached to the tubing. All soil vapor samples will be collected concurrently. One duplicate sample and one ambient air sample will be collected during the same time as the soil gas samples.

Shaw will record the serial number of each canister and associated regulator on the COC form and field notebook/sample form. The assigned sample identification will be placed on the canister identification tag and recorded on the COC and field notebook/sample form. Additionally, the gauge pressure and sample start time will also be recorded. Pursuant to the approved sampling methodology and guidance, the vacuum gauge pressure must read -25 inches mercury (Hg) or less, or the canister cannot be used and will be replaced. A digital photograph of each canister setup and surrounding area will be taken for the project files to document the set-up.

Sampling will continue until approximately 5 inches Hg remains in the canister. Once sampling is complete, Shaw will install the plug on the canister inlet fitting, place the sample container in the original box and complete the sample collection log with the appropriate information and log each sample on the COC form.

Soil vapor samples will be shipped under proper chain of custody to Upstate, an approved ELAP certified laboratory, for analysis of volatile organic compounds (VOCs) by EPA method TO-15 to an accuracy of 1  $\mu\text{g}/\text{m}^3$  and 0.25  $\mu\text{g}/\text{m}^3$  for Trichloroethene (TCE).

An inspection of general site conditions will also be performed at the Site or sampling locations during soil gas sample collection and include the following activities:

- Documentation of exterior weather conditions and inside temperature.
- Ambient air (indoor and outdoor) screening using field equipment (i.e. ppb PID or similar)

This task (Task 2) includes the following assumptions:

- Monitoring well installation: 14 days with Shaw oversight
- Soil vapor point installation: 1 day with Shaw oversight
- Well Development: 1 day
- Groundwater sampling via low-flow techniques: 3 days

### **Task 3 – Site Survey**

Upon completion of the field work all newly installed monitoring well locations, pre-existing monitoring well locations, soil vapor sample locations and off-site building edges, road edges, etc. will be established by a New York State Licensed Surveyor. A detailed base map of the project site/off-site and immediate vicinity will be developed. The property lines of the site/off-site parcel will also be placed on the base map.

### **Task 4 – Investigation Summary Report**

Once the validated data has been received, a Site Characterization Report (SCR) will be prepared. The report will include file review data, analytical data and field investigative activities. The report will include tabulated data, figures, boring logs, sample location maps, local groundwater flow direction, and “spider” maps for detections of compounds above their applicable guidance criteria. The report will be issued to the NYSDEC for review no later than 30 days after receiving all validated site sampling data.

Once NYSDEC comments have been received, Shaw will incorporate them into the final report. Shaw will issue NYSDEC one copy of the final report including, text, tables, figures/maps (i.e. site location, analyte detections for each media, etc), photographs, etc in “bookmarked” pdf format on compact disc as well as the number of hard copy reports requested by the NYSDEC.

Additionally, Shaw will submit all original chain of custodies, any related sampling and inspection forms as well as a copy of any data usability reports to the NYSDEC.

### **Task 5 – Additional Site Characterization Activities / Report**

This task includes a scoping meeting at the Site to discuss additional sampling locations with the NYSDEC Project Manager (PM), NYSDOH, property owner and Shaw. As well as the following field activities:



### Soil Gas/ Indoor Sub-Slab Sampling

Soil gas samples will be collected to assess the potential for vapor intrusion in this area. Eleven (11) air samples will be collected as part of this investigation (five soil gas, one sub-slab, one ambient indoor air, two outdoor ambient and two duplicates). As requested by the NYSDOH, two duplicate samples will be collected during the soil gas sampling. These locations were confirmed during the initial site visit with the NYSDEC PM and NYSDOH.

The five borings will be advanced to approximately 10 feet below ground surface to evaluate soil vapor conditions at the offsite property. The borings will be completed as “permanent” soil vapor points to facilitate the collection of soil vapor samples. One indoor boring will also be completed as a permanent sub-slab sampling location following temporary sub-slab sampling. This point will be installed via a rotary hammer drill equipped with a 0.75-inch drill bit to approximately 1 inch beneath the slab; the boring will then be countersunk to approximately 3 inches below grade with a 1 inch bit to facilitate sample point construction. A stainless steel vapor implant will be attached to laboratory grade Teflon tubing and placed in the drill bore. Morie Sand will be used to fill the annular drill bore space and cement grout will be applied at approximately 2 inches below grade to seal the implant. The tubing will be attached at grade via a grouted in place stainless steel Swagelok fitting.

A helium leak detection test will be performed at all sub-surface sample locations to ensure the seal is “tight” as detailed in our FAP. Approximately one to three volumes of air will be purged at a flow rate of less than 0.2 liters/minute. When a sufficient volume is removed, the 6-liter summa canister with an 8-hour regulator (both batch certified) will be attached to the tubing. If possible, all soil vapor/ sub-slab samples will be collected concurrently. Two duplicate samples, one indoor ambient air and one outdoor ambient sample will be collected if applicable during the same time as the soil gas samples.

Shaw will record the serial number of each canister and associated regulator on the COC form and field notebook/sample form. The assigned sample identification will be placed on the canister identification tag and recorded on the COC and field notebook/sample form. Additionally, the gauge pressure and sample start time will also be recorded. Pursuant to the approved sampling methodology and guidance, the vacuum gauge pressure must read -25 inches mercury (Hg) or less, or the canister cannot be used and will be replaced. A digital photograph of each canister setup and surrounding area will be taken for the project files to document the set-up.

Sampling will continue until approximately 5 inches Hg remains in the canister. Once sampling is complete, Shaw will install the plug on the canister inlet fitting, place the sample container in the original box and complete the sample collection log with the appropriate information and log each sample on the COC form.

Soil vapor samples will be shipped under proper chain of custody to Air Toxics, an approved ELAP certified laboratory, for analysis of volatile organic compounds (VOCs) by EPA method TO-15 to an accuracy of  $1 \mu\text{g}/\text{m}^3$  and  $0.25 \mu\text{g}/\text{m}^3$  for Trichloroethene (TCE).

An inspection of general site conditions will also be performed at the Site and sampling locations during soil gas sample collection and include the following activities:

- Documentation of exterior weather conditions and inside temperature.
- Ambient air (indoor and outdoor) screening using field equipment (i.e. ppb PID or similar)

### Process Water Sampling

The process well shall be sampled from inside the laundry building. Tap samples will be collected from a utility sink faucet. The water from the sink shall be allowed to flow for a minimum of 10 minutes prior to sample collection. Prior to sample collection the property owner shall be informed in case the process water is currently offline. The water samples will be entered onto a chain-of-custody (COC), placed into a properly packaged cooler and sent to Chemtech, an approved ELAP certified laboratory, for analysis of VOCs by EPA Method 502.2.

### Finalization of Site Characterization Report

Once the validated data has been received, the existing draft SCR will be finalized addressing comments provided by the NYSDEC and NYSDOH in their letter dated January 19, 2012 and data generated during this sampling event. The report will be issued to the NYSDEC for review no later than 30 days after receiving all validated site sampling data.

Shaw will issue NYSDEC one copy of the final report including, text, tables, figures/maps (i.e. site location, analyte detections for each media, etc), photographs, etc in “bookmarked” pdf format on compact disc as well as the number of hard copy reports requested by the NYSDEC.

Additionally, Shaw will submit all original chain of custodies, any related sampling and inspection forms as well as a copy of any data usability reports to the NYSDEC.

This task includes the following items and assumptions:

- Trip to Site (1 Day)
- Install of Soil Gas implants / Indoor Air Sampling (2 days)
- Sample Collection (1 day)
- Shaw Labor

### Schedule

Field work will be scheduled within 30 days of submission and approval of this Executive Summary/Scope of Work. Upon approval of the scope of work and approval of site access by the NYSDEC, Shaw will schedule the field work with the approved geoprobe contractor. The following schedule is proposed:

- Shaw will include information from the earlier investigations in the final report.
- Shaw will schedule a site visit within 2 weeks of the 2.11 approval.
- Shaw anticipates that the site survey, monitoring well installation, soil vapor point installation, development and sampling efforts (Task 2 and 3) can be completed in approximately 19 days.

- Shaw anticipates soil vapor point / sub-slab installation and sampling efforts can be completed in 3 days.
- Shaw will coordinate the drilling subcontractor contractor's schedule to minimize the impact to site operations and expedite the sampling effort. The work start time will be determined by the Shaw site supervisor and may vary depending on weather and site conditions.
- Analytical results will be received in a Category B deliverable format from the ELAP-approved laboratory within 28 days of sample receipt.
- All samples collected during the site investigation will be submitted to an approved third party data validation contractor. The data validation contractor will provide a data validation/usability report within 30 days of receipt of analytical results.
- The results of these investigative activities will be included in a final SCR discussing all historical data summary, site survey information, analytical data and field investigative activities. The report will include tabulated data, figures, boring logs, sample location maps, local groundwater flow direction, and "spider" maps for detection of compounds above their applicable guidance criteria. The draft report will be submitted to the NYSDEC for review and comment within 90 days after completion of field work.
- Shaw will revise the summary report according to the comments provided by the NYSDEC. The report and EDD will be provided to the NYSDEC and NYSDOH within 30 days after receipt of comments.

Sincerely,



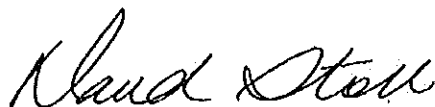
Robert Adams  
Project Scientist  
Shaw Environmental & Infrastructure Engineering of NY, P.C.

Please Reply To: Robert Adams

Phone: 518.785.2342

E-Mail Address: [robert.adams@shawgrp.com](mailto:robert.adams@shawgrp.com)

Sincerely,



David C. Stoll, P.G.  
Program Manager  
Shaw Environmental & Infrastructure Engineering of NY, P.C.

Please Reply To: Dave Stoll

Phone: 518.785.2362

E-Mail Address: [dave.stoll@shawgrp.com](mailto:dave.stoll@shawgrp.com)

**Standby Engineering Contract Work Assignment Package Checklist**

Contracts Executed Before 2010

Contractor Name: Shaw E and I of NY PC

Date: 4/18/12

WA No. and Name: D006132- 18 AMENDMENT

Reviewer: David Stoll

WORK ASSIGNMENT PACKAGE		Yes	No	Comments
	Includes a cover letter, completed WA Package checklist, Scope of Work (Schedule 1), Budget (Schedule 2.11(a)-(h)), relevant subcontractor documentation, and an M/WBE Utilization Plan.	✓		M/WBE UPON APPROVAL
1	<b>Cover Letter</b>			
	Provides explanation for significant differences between the costing tool report and the scope of work and budget submitted.	✓		
	For amendments, provides an explanation of changes in scope of work and/or budget by task. Includes total dollar value of amendment being requested.	✓		
2	<b>Schedule 1 (Scope of Work)</b>			
	Includes breakdown of tasks and subtasks.	✓		
	Tasks in the scope of work match the tasks in the Schedule 2.11s.	✓		
	Includes schedule for completion of tasks.	✓		
	Duration of anticipated work does not exceed 24 months. (Work subsequent to that should be part of a future amendment or new work assignment.)	✓		
	For amendments, includes new and previous tasks for a comprehensive scope of work.	✓		
3	<b>Schedule 2.11(b) - Direct Labor Costs</b>			
	Average reimbursement rates are used for each year. Future years escalate 3%.	✓		
	Hours are segregated by year.	✓		
	Total cost for each NSPE level is shown.	✓		
	Total direct labor cost matches amount on Schedule 2.11(a).	✓		
	The Principal's (NSPE IX) labor hours budgeted for WA are less than 2% of the total.	✓		
	Total labor hours match hours on Schedule 2.11(h).	✓		
4	<b>Schedule 2.11(b-1) - Direct Administrative Labor Hours</b>			
	Breakdown of Schedule 2.11(b-1) is reasonable, i.e., admin LOE is within acceptable guideline of <4% of overall WA LOE. Justification is attached for any exceedance.	✓		
5	<b>Schedules 2.11(c) and (d) - Direct Non-Salary Costs</b>			
	Rates listed in Schedule 2.11(c) are consistent with contract.	✓		
	Rates for in-house and/or misc. costs match contract Schedule 2.10(b) or 2.10(c).	✓		
	All costs are allowable, e.g., office telephone and office shipping cannot be reimbursed as a direct cost if they're included in ICR.	✓		
	Appropriate lodging/per diem/mileage rates are used.			N/A
	Quotes are included for any non-contract items (including equipment purchases and rentals; excluding air fare) greater than \$1k. If sufficient number of quotes are unavailable, an engineer's estimate is provided. The low quote has been selected.			N/A
	Schedule 2.11(d)1 - All equipment purchased is supported by cost justification.			N/A
	Schedule 2.11(d)2 - Rates for consultant-owned equipment match Schedule 2.10(c).	✓		
	Schedule 2.11(d)4 - Site-dedicated equipment is supported by cost justification.			N/A
	Direct non-salary items are reasonable based on the scope of work (no. of field days, lodging, and field equipment usage).	✓		
	Total of direct non-salary costs matches the amount on Schedule 2.11(a).	✓		

6	Schedule 2.11(e) - Cost-plus-fixed-fee Subcontracts	Yes	No	Comments
	Proposed subcontractor is a DER-approved standby subcontractor for the firm. Subcontract is active and rates match the approved standby subcontract.			N/A
	Proposed subcontractor is not a DER-approved standby subcontractor for the firm, but appropriate documentation was submitted to determine cost reasonableness.			N/A
	• Rates match rates approved for that subcontractor under a different engineering firm.			
	• Rates are determined reasonable by other means and ICR is approved by CPS accountant.			
	A breakdown of direct labor and direct non-salary costs is provided.	✓		
	Use of subcontractor is appropriate and justified	✓		
	Subcontract Solicitation Record and Certification form(s) have been submitted.	✓		
	Total subcontract costs match amounts on Schedule 2.11(a).	✓		
7	Schedule 2.11(f) - Unit Price Subcontracts			
	There are quotes for non-standby subcontracts >\$1k. Bids are comparable (quantities and items) and provide unit costs plus job total. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.			N/A
	Standby Drillers (Two phase process) - Quotes from all standbys are attached. Proper unit costs and mobilization/demobilization costs are used. The low quote has been selected. Explanation for declinations has been provided.	✓		
	Standby Labs and Data Validators (rotate use) - Unit costs match those in contract(s).	✓		SEE NOTES
	M/WBE - Cost reasonableness of sole/single source M/WBE contracts <\$10k are documented by an engineer's estimate or other cost comparison.			N/A
	Cost reasonableness of single/sole source contracts are documented by an engineer's estimate or other cost comparisons (e.g., historical costs, pricing guides).			N/A
	Placeholders are used only for non-standby subcontractors and are justified.			N/A
	Cost reasonableness of placeholder subcontractors are documented by an engineer's estimate or other cost comparisons.			N/A
	Correct contract management fee is calculated only on non-professional unit priced subs >\$10k and M/WBE firms from \$1. (Management fee is not allowed on professional engineering firms, architects, or surveyors unless the contract specifically allows it.)	✓		
	Use of subcontractors is appropriate and justified.	✓		
	Subcontract Solicitation Record and Certification form(s) have been submitted.	✓		
	Total subcontract costs match the amounts on Schedule 2.11(a).	✓		
8	Schedule 2.11(g) - Cost Control Report			
	Individual 2.11(g)s equal Summary 2.11(g) and costs match those on 2.11(a).	✓		
9	Schedule 2.11(g) - Supplemental - Cost Control Report (subcontractors)			
	Includes all applicable subcontracts and management fees (for unit price only).	✓		
10	Schedule 2.11(a)			
	Rates for indirect costs and fixed fee match contract rates.	✓		
	All numbers rolled up into Schedule 2.11(a) add up.	✓		

rev. 1/10/12

**Warrensburg Laundry & Dry Cleaning, Inc.**

**Work Assignment Cost Schedule 2.11**

**New York State Department of Environmental Conservation  
Superfund Standby Contract**

**Work Assignment #: D006132-18**

**Apr-12**

This cost schedule represents costs for the tasks of Preliminary Activities (Task 1), Investigations Environmental Sampling and Implementation (Tasks 2 ), Site Survey (Task 3), Final Report (Task 4) and Additional Sample Collection (Task 5).

NYSDEC Project Manager: Kuldeep Gupta

Shaw Environmental and Infrastructure Engineering of New York, P.C.

Shaw Project Manager: David Stoll

**SCHEDULE 2.11(a)****SUMMARY OF WORK ASSIGNMENT PRICE****Work Assignment #: D006132-18**

Printed: 04/18/12

1	Direct Salary Costs (Schedules 2.10(a) and 2.11 (b))	<u>\$13,782</u>
2	Indirect Costs (Schedule 2.10(g))	<u>\$15,849</u>
3	Direct Non-Salary Costs (Schedules 2.10(b)(c)(d) and 2.11(c)(d))	<u>\$9,224</u>
4	Subcontract Costs	

Cost-Plus-Fixed-Fee Subcontracts (Schedule 2.10(e) and 2.11(e))

	<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontract Price</u>
i.)			<u></u>
ii.)			<u></u>
iii.)			<u></u>
			<u>\$0</u>

Unit Price Subcontracts (Schedule 2.10(f) and 2.11(f))

	<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontract Price</u>
i.)	Aztech (WBE)	Drilling Services	<u>\$32,068</u>
ii.)	Upstate	Analytical Laboratories	<u>\$22,252</u>
iii.)	Validata	DUSR	<u>\$3,697</u>
iv.)	Clean Harbors	Waste Disposal	<u>\$3,564</u>
v.)	Santo	Survey	<u>\$1,900</u>
vi.)	Environmental Data Resources	Database review	<u>\$550</u>
vii.)	Air Toxics	Air Analysis	<u>\$2,706</u>
viii.)	Chemtech	Drinking Water Analysis	<u>\$485</u>

<b>B)</b>	<b>Total Unit Price Subcontracts</b>	<u><b>\$67,223</b></u>
5	Subcontract Management Fee	<u>\$2,740</u>
6	Total Subcontract Costs (lines 4A + 4B + 5)	<u>\$69,963</u>
7	Fixed Fee (Schedule 2.10(h))	<u>\$3,437</u>
8	Total Work Assignment Price (1+2+3+6+7)	<u>\$112,256</u>

Engineer/Contract#:   
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D006132   
 Warrensburg Laundry & Dry Cleaning   
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**Schedule 2.11(b)**  
**Direct Labor Hours Budgeted**

Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total Direct Labor Hours	
*Av. Salary Rate (\$) (Year: 2011)	\$57.02		\$47.94		\$43.56		\$37.53		\$33.48		\$30.00		\$25.73		\$20.13		\$14.71			
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost		
Task 1	2	\$114.04		\$0.00		\$0.00	4	\$150.12		\$0.00	80	\$2,400.00	40	\$1,029.20	20	\$402.60		\$0.00	146	\$4,095.96
Task 2	3	\$171.06		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	150	\$3,859.50		\$0.00		\$0.00	153	\$4,030.56
Task 3		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	15	\$385.95		\$0.00		\$0.00	15	\$385.95
Task 4	3	\$171.06		\$0.00		\$0.00	4	\$150.12		\$0.00	10	\$300.00	60	\$1,543.80	20	\$402.60		\$0.00	97	\$2,567.58
Total Hours	8		0		0		8		0		90		265		40		0		411	
Total Direct Labor Cost		\$456.16		\$0.00		\$0.00		\$300.24		\$0.00		\$2,700.00		\$6,818.45		\$805.20		\$0.00		\$11,080.05

Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total Direct Labor Hours	
Task 1	\$58.54		\$49.22		\$44.72		\$38.52		\$34.37		\$30.80		\$26.41		\$20.66		\$15.10			
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost		
Task 1		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 2		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 3		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 4		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 5	2	\$117.08		\$0.00		\$0.00	5	\$192.60		\$0.00	50	\$1,540.00	28	\$739.48	4	\$82.64	2	\$30.20	91	\$2,702.00
Total Hours	2		0		0		5		0		50		28		4		2		91	
Total Direct Labor Cost		\$117.08		\$0.00		\$0.00		\$192.60		\$0.00		\$1,540.00		\$739.48		\$82.64		\$30.20		\$2,702.00
Total Hours	10		0		0		13		0		140		293		44		2		502	
Total Direct Labor Cost Years: 2011 & 2012		\$573.24		\$0.00		\$0.00		\$492.84		\$0.00		\$4,240.00		\$7,557.93		\$887.84		\$30.20		\$13,782.05

\* For multiple years use one average salary rate row for each year and each years subtotal Labor Cost



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 Work Assignment No.: D006132-18

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**Schedule 2.11(b)1**  
**Direct Administrative Hours Budgeted**

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Total Direct Administrative Labor
Task 1	1			3		1		2		7
Task 2										0
Task 3							2			2
Task 4	2					3		2		7
Task 5	1					2		1		4
Task 6										0
Task 7										0
Task 8										0
Task 9										0
Task 10										0
Task 11										0
Task 12										0
Total Hours	4	0	0	3	0	6	2	5	0	20

Contract/Project administrative hours would include (subject to contract allowability) but not necessarily be limited to the following activities:

- 1) Work Plan Budget Development
  - Conflict of Interest check
- 2) Review work assignment (WA) progress
  - Supporting documentation
- 2) Review work assignment (WA) progress
  - Conduct progress reviews
  - Prepare monthly progress schedule
  - Update WA progress schedule
  - Prepare M/WBE Utilization Report
- 3) Contractor Application for Payment (CAP)
  - Oversee and prepare monthly CAP

- 4) Program Management
  - Prepare monthly cost control report
  - Cost control report
  - Staffing plans
  - Manage Subcontracts
  - NSPE list update
  - Equipment Inventory
- 5) Miscellaneous
  - Conduct Health and Safety Reviews
  - Work processing and graphic artists
  - Report editing

- Contract/Project administrations hours would not include:
- 1) QA/QC reviews
  - 2) Technical oversight by management
  - 3) Develop subcontracts
  - 4) Work plan development
  - 5) Review of deliverables

Engineer/Contract#:  
Project Name:  
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Warrensburg Laundry & Dry Cleaning  
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## SCHEDULE 2.11(c)

Printed: 04/18/12

### Direct Non-Salary Costs

Item	Estimated Cost (\$)	Max. Reimbursement Rate	Units	Est. No of Units	Total
A) Sample Analysis Rates (In-House Costs Only, for Subcontracts see Schedule 2.10(f) and 2.11 (f))*					
NOT APPLICABLE - Intentionally left blank					
B) Miscellaneous (Travel - Lodging, Meals, Transportation see Schedule 2.10(d) for rates)					
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	1	\$15.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	20	\$16.00
5	Tolls	\$0.00	per trip	1	\$0.00
6	Mileage	\$0.510	mile	118	\$60.18
7	Parking	\$1.00	Hr	1	\$1.00
Task 1 Total:					\$92.18
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	19	\$285.00
4	LVE	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr		\$0.00
5	Cell Phone Usage	\$30.00	Week		\$0.00
6	Tolls	\$0.00	per trip		\$0.00
7	Mileage	\$0.510	mile	354	\$180.54
8	Hotel	\$92.00	night	19	\$1,748.00
9	Breakfast	\$11.00	day	19	\$209.00
10	Dinner	\$55.00	day	19	\$1,045.00
Task 2 Total:					\$3,467.54
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	1	\$15.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr		\$0.00
5	Cell Phone Usage	\$30.00	Week		\$0.00
6	Mileage	\$0.510	mile	118	\$60.18
7	Tolls	\$0.00	per trip		\$0.00
8	Hotel	\$92.00	night	1	\$92.00
9	Breakfast	\$11.00	day	1	\$11.00
10	Dinner	\$55.00	day	1	\$55.00
Task 3 Total:					\$233.18
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	6	\$90.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	54	\$43.20
5	Cell Phone Usage	\$30.00	Week		\$0.00
6	Mileage	\$0.555	mile	360	\$199.80
7	Tolls	\$0.00	per trip		\$0.00
8	Hotel	\$92.00	night		\$0.00
9	Breakfast	\$11.00	day		\$0.00
10	Dinner	\$55.00	day		\$0.00
Task 5 Total:					\$333.00

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## SCHEDULE 2.11(c)

Printed: 04/18/12

### Direct Non-Salary Costs

Item	Estimated Cost (\$)	Max. Reimbursement Rate	Units	Est. No of Units	Total
C) <i>Printing/Plotting or Reproduction Costs</i>					
1	Black and White - 8.5 x 11	\$0.03	copy	150	\$4.50
2	Black and White - 11 x 17	\$0.07	copy		\$0.00
3	Color - 8.5 x 11	\$0.50	copy	10	\$5.00
4	Color - 11 x 17	\$1.00	copy		\$0.00
5	Drawings black & white	\$0.35	per sq ft or approx.		\$0.00
		\$2.40	drawing		\$0.00
6	Color Plots	\$2.25	per sq ft or approx.		\$0.00
		\$13.50	drawing		\$0.00
			<b>Task 1 Total:</b>		<b>\$9.50</b>
1	Black and White - 8.5 x 11	\$0.03	copy	350	\$10.50
2	Black and White - 11 x 17	\$0.07	copy	65	\$4.55
3	Color - 8.5 x 11	\$0.50	copy	30	\$15.00
4	Color - 11 x 17	\$1.00	copy	48	\$48.00
5	Drawings black & white	\$0.35	per sq ft or approx.		\$0.00
		\$2.40	drawing		\$0.00
6	Color Plots	\$2.25	per sq ft or approx.		\$0.00
		\$13.50	drawing	23	\$310.50
			<b>Task 4 Total:</b>		<b>\$388.55</b>
<b>Total Direct Non-Salary Costs</b>					<b>\$4,523.95</b>

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### Schedule 2.11(d) 3

#### Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Max. Reimbursement	Units	Est. Usage (units of Time)	Est. Rental Cost (\$) (Col 2 x3)
MiniRae 2000	75	day		\$0.00
MiniRae 2000	200	week	3	\$600.00
DataRamTM pDR-1000	75	day		\$0.00
DataRamTM pDR-1000	190	week		\$0.00
YSI w/ turbidity meter	100	day		\$0.00
YSI w/ turbidity meter	300	week	3	\$900.00
O/W Interface Probe	45	day		\$0.00
O/W Interface Probe	140	week	3	\$420.00
Peristaltic Pump	25	day	3	\$75.00
Trimble Unit	200	day		\$0.00
Hand Auger Kit	80	day	2	\$160.00
Hertz Truck	400	LS		\$0.00
Excavator	2178.36	LS		\$0.00
Task 2 Total:				\$2,155.00
DataRamTM pDR-1000	75	day		\$0.00
MiniRae 2000	200	week		\$0.00
DataRamTM pDR-1000	75	day		\$0.00
DataRamTM pDR-1000	190	week		\$0.00
YSI w/ turbidity meter	100	day		\$0.00
YSI w/ turbidity meter	300	week		\$0.00
O/W Interface Probe	45	day		\$0.00
O/W Interface Probe	140	week		\$0.00
Peristaltic Pump	75	week		\$0.00
Trimble Unit	200	day		\$0.00
Hertz Truck	400	LS		\$0.00
Task 3 Total:				\$0.00
DataRamTM pDR-1000	75	day		\$0.00
MiniRae 2000	200	week	1	\$200.00
DataRamTM pDR-1000	75	day		\$0.00
DataRamTM pDR-1000	190	week		\$0.00
YSI w/ turbidity meter	100	day		\$0.00
YSI w/ turbidity meter	300	week		\$0.00
O/W Interface Probe	45	day		\$0.00
O/W Interface Probe	140	week		\$0.00
Peristaltic Pump	75	week		\$0.00
Rotary Hammer Drill	100	day	2	\$200.00
Hertz Truck	400	LS		\$0.00
Task 5 Total:				\$400.00
TOTAL:				\$2,555.00

\* Reimbursement will be made at the Maximum Reimbursement rate or the actual rental rate, whichever is less.

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**Schedule 2.11(d) 5**

**Consumable Supplies**

Item	Estimated Quantity	Units	Unit Cost (\$)	Total Budgeted Cost (Col 2 x3) (\$)
Gloves	6	box	\$15.00	\$90.00
Tubing	250	feet	\$3.50	\$875.00
Misc	3	each	\$100.00	\$300.00
			<b>Task 2 Total:</b>	<b>\$1,265.00</b>
Gloves	2	box	\$15.00	\$30.00
Tubing	100	feet	\$3.50	\$350.00
Misc	5	each	\$100.00	\$500.00
			<b>Task 5 Total:</b>	<b>\$880.00</b>
<b>TOTAL</b>				<b>\$2,145.00</b>

Engineer/Contract#: D006132  
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### Schedule 2.11(f)

#### Unit Price Subcontracts

Name of Subcontractor	Services to be Performed			Subcontract Price	Management Fee
Aztech (WBE)	Direct Push Drilling			\$32,068.43	\$1,603.42
Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost	
Mobilization/Demobilization	\$ 2,300.00	each	2	\$	4,600.00
Utility Clearance	\$ 300.00	each	12	\$	3,600.00
At seven well locations, provision to drill with 2-1/2 I.D. HSA to est. 35 feet, grab water sample at completion.	\$ 727.55	each	7	\$	5,092.85
At five well locations, provision to drill with 4-1/4 I.D. HSA to est. 35 feet.	\$ 1,140.00	each	5	\$	5,700.00
Installation of 2-inch I.D. 25 foot PVC 0.010 slot well screen with attached riser, bentonite seal and sand, and capped with locking j-plug.	\$ 700.00	each	5	\$	3,500.00
At each well location, installation of protective steel casing with concrete pad (flush)	\$ 135.00	each	5	\$	675.00
Install and complete 5 permanent soil vapor monitoring points to 10' BGS with manhead	\$ 321.75	each	5	\$	1,608.75
Provision for well development	\$ 1,650.00	LS	1	\$	1,650.00
Decontamination	\$ 675.00	LS	1	\$	675.00
Containerize drill materials in 55 gallon drum	\$ 48.50	each	20	\$	970.00
Drum Management	\$ 220.00	LS	1	\$	220.00
Sales Tax (8%)	\$ 1,607.38	LS	1	\$	1,607.38
Task 2 Total				\$29,898.98	
Mobilization/Demobilization	\$ 400.00	each	1	\$	400.00
Install and complete 9 permanent soil vapor	\$ 321.75	each	5	\$	1,608.75
Task 5 Sub Total				\$2,008.75	
Tax				\$160.70	
Task 5 Subtotal				\$2,169.45	
Grand Subtotal				\$32,068.43	
Subcontract Management Fee:				\$1,603.42	
TOTAL:				\$33,671.85	

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### Schedule 2.11(f)

#### Unit Price Subcontracts

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee	
Upstate	Soil and GW Analytical	\$22,252.00	\$1,112.60	
Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
TO-15 (volatiles)	\$225.00	each	7	\$1,575.00
Soil Samples - VOCs plus MTBE by EPA Method 8260	\$85.50	each	18	\$1,539.00
Soil Samples - SVOCs by EPA Method 8270C	\$180.00	each	18	\$3,240.00
Soil Samples - Pesticides/PCBs by EPA Method 8081A/8082	\$80.00	each	18	\$1,440.00
Soil Samples - Metals (TAL metals including mercury and cyanide)	\$153.50	each	18	\$2,763.00
Soil Sample - Full TCLP	\$546.00	each	1	\$546.00
GW Samples - VOCs plus MTBE by EPA Method 8260	\$85.50	each	24	\$2,052.00
GW Samples - SVOCs by EPA Method 8270C	\$180.00	each	22	\$3,960.00
GW Samples - Pesticides/PCBs by EPA Method 8081A/8082	\$80.00	each	22	\$1,760.00
GW Samples - Metals (TAL metals including mercury and cyanide)	\$153.50	each	22	\$3,377.00
Task 2 Total:				\$22,252.00
SubTotal:				\$22,252.00
Subcontract Management Fee:				\$1,112.60
TOTAL:				\$23,364.60

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### Schedule 2.11(f)

#### Unit Price Subcontracts

<i>Name of Subcontractor</i>	<i>Services to be Performed</i>	<i>Subcontract Price</i>	<i>Management Fee</i>
Validata	Validation Services	\$3,697.25	\$0.00

<i>Item</i>	<i>Max. Reimbursement Rate (\$)*</i>	<i>Units</i>	<i>Est. No. of Units</i>	<i>Total Est. Cost</i>
TO-15 (volatiles) - DUSR	\$17.00	each	7	\$119.00
DUSR for Soil Samples - VOCs plus MTBE by EPA Method 8260	\$16.50	each	18	\$297.00
DUSR for Soil Samples - SVOCs by EPA Method 8270C	\$18.00	each	18	\$324.00
DUSR for Soil Samples - Pesticides/PCBs by EPA Method 8081A/8082	\$28.50	each	18	\$513.00
DUSR for Soil Samples - Metals	\$18.00	each	18	\$324.00
DUSR for GW Samples - VOCs plus MTBE by EPA Method 8260	\$16.50	each	24	\$396.00
DUSR for GW Samples - SVOCs by EPA Method 8270C	\$18.00	each	22	\$396.00
DUSR for GW Samples - Pesticides/PCBs by EPA Method 8081A/8082	\$28.50	each	22	\$627.00
DUSR for GW Samples - Metals	\$18.00	each	22	\$396.00
<b>Task 2 Total</b>				<b>\$3,392.00</b>
TO-15 (volatiles)	\$17.75	each	11	\$195.25
Drinking Water Samples - VOCs plus MTBE by EPA Method 524.2 / 502.2	\$22.00	each	5	\$110.00
<b>Task 5 Total:</b>				<b>\$305.25</b>
<b>SubTotal:</b>				<b>\$3,697.25</b>
<b>Subcontract Management Fee:</b>				<b>\$0.00</b>
<b>TOTAL:</b>				<b>\$3,697.25</b>



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### **Schedule 2.11(f)**

#### **Unit Price Subcontracts**

Name of Subcontractor		Services to be Performed	Subcontract Price	Management Fee
Santo		Site Survey	\$1,900.00	\$0.00
Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
Site Survey	\$1,900.00	each	1	\$1,900.00
Task 3 Total:				\$1,900.00
Subcontract Management Fee:				\$0.00
TOTAL:				\$1,900.00

Engineer/Contract#:  
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### ***Schedule 2.11(f)***

#### ***Unit Price Subcontracts***

<i>Name of Subcontractor</i>	<i>Services to be Performed</i>	<i>Subcontract Price</i>	<i>Management Fee</i>
Clean Harbors	Waste Disposal	\$3,564.00	\$0.00

Engineer/Contract#:  
Project Name:  
Work Assignment No.:

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### **Schedule 2.11(f)**

#### **Unit Price Subcontracts**

<b>Name of Subcontractor</b>	<b>Services to be Performed</b>	<b>Subcontract Price</b>	<b>Management Fee</b>
------------------------------	---------------------------------	--------------------------	-----------------------

Environmental Data Resources	Database Review	\$550.00	\$0.00
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<b>Item</b>	<b>Max. Reimbursement Rate (\$)*</b>	<b>Units</b>	<b>Est. No. of Units</b>	<b>Total Est. Cost</b>
EDR Report	\$550.00	each	1	\$550.00

Task 1 Total: \$550.00

Subcontract Total: \$550.00

Subcontract Management Fee: \$0.00

TOTAL: \$550.00

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Warrensburg Laundry & Dry Cleaning  
D006132-18

Date Prepared: 4/18/2012 10:42

### **Schedule 2.11(f)**

#### **Unit Price Subcontracts**

<b>Name of Subcontractor</b>	<b>Services to be Performed</b>	<b>Subcontract Price</b>	<b>Management Fee</b>
Air Toxics	Air	\$2,706.00	\$0.00

<b>Item</b>	<b>Max. Reimbursement Rate (\$)*</b>	<b>Units</b>	<b>Est. No. of Units</b>	<b>Total Est. Cost</b>
TO-15 (volatiles)	\$160.00	each	11	\$1,760.00
TO-15 Media Prep. Costs	\$60.00	each	11	\$660.00
Duplicate "T"s	\$8.00	each	2	\$16.00
Teflon Tubing	\$4.00	ft	50	\$200.00
Deliverable Tier IV eCVP	\$70.00	each	1	\$70.00

**Task 5 Total:** **\$2,706.00**

**SubTotal:** **\$2,706.00**

**Subcontract Management Fee:** **\$0.00**

**TOTAL:** **\$2,706.00**

Engineer/Contract#:  
Project Name:  
Work Assignment No.:

D006132  
Warrensburg Laundry & Dry Cleaning  
D006132-18

Date Prepared: 4/18/2012 10:42

**Schedule 2.11(f)**

**Unit Price Subcontracts**

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee	
Chemtech (MBE)	GW	\$485.00	\$24.25	
Item	Max. Reimbursement Rate (\$)*	Units	Est. No. of Units	Total Est. Cost
Drinking Water Samples - VOCs plus MTBE by EPA Method 524.2 / 502.2	\$97.00	each	5	\$485.00
			Task 5 Total:	\$485.00
			SubTotal:	\$485.00
			Subcontract Management Fee:	\$24.25
			TOTAL:	\$509.25

## Schedule 2.11(g)

### Monthly Cost Control Report Summary of Fiscal Information

PM/Engineer: David Stoll  
 Contract#: D006132  
 Project Name: Warrensburg Laundry & Dry Cleaning  
 Work Assignment No.: D006132-18  
 Task No./Name Task 1-5 Summary  
 Complete 0%

Page 1 of 5  
 Date Prepared: 4/18/2012 10:42  
 Billing Period  
 Invoice No.

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,782.05	\$0.00	-\$13,782
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,849.36	\$0.00	-\$15,849
Subtotal Direct Salary								
3 Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29,631.41	\$0.00	-\$29,631
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,661.70	\$0.00	-\$3,662
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,562.25	\$0.00	-\$5,562
6 Subtotal Direct Non-Salary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,223.95	\$0.00	-\$9,224
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$69,962.95	\$0.00	-\$69,963
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$108,818.31	\$0.00	-\$108,818
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,437.24	\$0.00	-\$3,437
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112,255.55	\$0.00	-\$112,256

Project Manager (Engineer) \_\_\_\_\_

Date \_\_\_\_\_

## Schedule 2.11(g)

### Monthly Cost Control Report Summary of Fiscal Information

PM/Engineer: David Stoll  
 Contract#: D006132  
 Project Name: Warrensburg Laundry & Dry Cleaning  
 Work Assignment No.: D006132-18  
 Task No./Name: 01/Preliminary Activities  
 Complete 0%

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 Date Prepared: 4/18/2012 10:42  
 Billing Period: \_\_\_\_\_  
 Invoice No. \_\_\_\_\_

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G-F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,095.96	\$0.00	-\$4,095.96
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,710.35	\$0.00	-\$4,710.35
Subtotal Direct Salary Costs and Indirect Costs								
3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,806.31	\$0.00	-\$8,806.31
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$61.18	\$0.00	-\$61.18
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.50	\$0.00	-\$40.50
6 Subtotal Direct Non-Salary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$101.68	\$0.00	-\$101.68
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$550.00	\$0.00	-\$550.00
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,457.99	\$0.00	-\$9,457.99
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,021.53	\$0.00	-\$1,021.53
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,479.53	\$0.00	-\$10,479.53

Project Manager (Engineer) \_\_\_\_\_

Date \_\_\_\_\_

**Schedule 2.11(g)**

**Monthly Cost Control Report  
Summary of Fiscal Information**

PM/Engineer: David Stoll  
 Contract#: D006132  
 Project Name: Warrensburg Laundry & Dry Cleaning  
 Work Assignment No.: D006132-18  
 Task No./Name Task 2 - Investigative Tasks  
 Complete 0%

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 Date Prepared: 4/18/2012 10:42  
 Billing Period \_\_\_\_\_  
 Invoice No. \_\_\_\_\_

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Inccured to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,030.56	\$0.00	-\$4,030.56
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,635.14	\$0.00	-\$4,635.14
3 Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,665.70	\$0.00	-\$8,665.70
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,182.54	\$0.00	-\$3,182.54
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,705.00	\$0.00	-\$3,705.00
6 Subtotal Direct Non-Sala	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,887.54	\$0.00	-\$6,887.54
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$61,714.53	\$0.00	-\$61,714.53
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$77,267.77	\$0.00	-\$77,267.77
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,005.22	\$0.00	-\$1,005.22
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$78,273.00	\$0.00	\$0.00

Project Manager (Engineer) \_\_\_\_\_

Date \_\_\_\_\_



**Schedule 2.11(g)**

**Monthly Cost Control Report  
Summary of Fiscal Information**

PM/Engineer: David Stoll  
 Contract#: D006132  
 Project Name: Warrensburg Laundry & Dry Cleaning  
 Work Assignment No.: D006132-18  
 Task No./Name Task 3 - Site Survey  
 Complete 0%

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 Date Prepared: 4/18/2012 10:42  
 Billing Period  
 Invoice No.

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$385.95	\$0.00	-\$385.95
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$443.84	\$0.00	-\$443.84
Subtotal Direct Salary								
3 Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$829.79	\$0.00	-\$829.79
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$218.18	\$0.00	-\$218.18
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15.00	\$0.00	-\$15.00
6 Subtotal Direct Non-Sala	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$233.18	\$0.00	-\$233.18
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,900.00	\$0.00	-\$1,900.00
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,962.97	\$0.00	-\$2,962.97
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$96.26	\$0.00	-\$96.26
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,059.23	\$0.00	-\$3,059.23

Project Manager (Engineer) \_\_\_\_\_

Date \_\_\_\_\_

**Schedule 2.11(g)**

**Monthly Cost Control Report  
Summary of Fiscal Information**

PM/Engineer: David Stoll  
 Contract#: D006132  
 Project Name: Warrensburg Laundry & Dry Cleaning  
 Work Assignment No.: D006132-18  
 Task No./Name Task 4 - Site Characterization Report  
 Complete 0%

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 Date Prepared: 4/18/2012 10:42  
 Billing Period  
 Invoice No.

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G- F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,567.58	\$0.00	-\$2,567.58
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,952.72	\$0.00	-\$2,952.72
3 Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,520.30	\$0.00	-\$5,520.30
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$388.55	\$0.00	-\$388.55
6 Subtotal Direct Non-Sala	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$388.55	\$0.00	-\$388.55
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,908.85	\$0.00	-\$5,908.85
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$640.35	\$0.00	-\$640.35
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,549.20	\$0.00	-\$6,549.20

Project Manager (Engineer) \_\_\_\_\_

Date \_\_\_\_\_

## Schedule 2.11(g)

### Monthly Cost Control Report Summary of Fiscal Information

PM/Engineer: David Stoll  
Contract#: D006132  
Project Name: Warrensburg Laundry & Dry Cleaning  
Work Assignment No.: D006132-18  
Task No./Name Task 5 - Additional Sampling  
Complete 0%

Page 5 of 5  
Date Prepared: 4/18/2012 10:42  
Billing Period  
Invoice No.

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date	Estimated Costs to Completion	Estimated Total Work	Approved Budget	Estimated Under/Over (G-
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,702.00	\$0.00	-\$2,702.00
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,107.30	\$0.00	-\$3,107.30
3 Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,809.30	\$0.00	-\$5,809.30
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$199.80	\$0.00	-\$199.80
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,413.20	\$0.00	-\$1,413.20
6 Subtotal Direct Non- Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,613.00	\$0.00	-\$1,613.00
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,798.42	\$0.00	-\$5,798.42
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,220.72	\$0.00	-\$13,220.72
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$673.88	\$0.00	-\$673.88
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,894.60	\$0.00	-\$13,894.60

Project Manager (Engineer) \_\_\_\_\_

Date \_\_\_\_\_

## Schedule 2.11(g) - Supplemental

### Cost Control Report for Subcontracts

PM/Engineer: David Stoll  
D006132  
 Project Name: Warrensburg Laundry & Dry Cleaning  
 Work Assignment No.: D006132-18  
 Complete 0%

Page 1 of 2  
 Date Prepared: 4/18/2012 10:42  
 Billing Period                       
 Invoice No.                     

Subcontract Name	A	B	C	D	E	F	G
	Subcontracts Costs Claimed this Application Inc. Resubmittals	Costs Approved for Payment on Previous Applicatons	Total Subcontract Costs to Date (A + B)	Subcontract Approved Budget	Management Fee Budget	Management Fee Paid	Total Costs to Date (C plus F)
1 Aztech (WBE)				\$32,068.43	\$1,603.42		\$0.00
2 Upstate				\$22,252.00	\$1,112.60		\$0.00
3 Validata				\$3,697.25			\$0.00
4 Santo				\$1,900.00			\$0.00
5 Clean Harbors				\$3,564.00			\$0.00
6 Environmental Data Resources				\$550.00			\$0.00
7 Air Toxics				\$2,706			\$0.00
8 Chemtech				\$485	\$24.25		\$0.00
9							\$0.00
<b>Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$67,223</b>	<b>\$2,740</b>	<b>\$0.00</b>	<b>\$0.00</b>

**Project Manager** \_\_\_\_\_

**Date** \_\_\_\_\_

1 Costs listed in Columns A, B, C & D do not include any management fee costs.

**NOTES:**

1 Costs listed in Columns A, B, C & D do not include any management fee costs.

2 Management fee is applicable to only properly procured, satisfactorily completed, unit price subcontracts over \$10,000.

3 Line 11, Column G should equal Line 7 (Subcontractors), Column D of Summary Cost Control Report.

**Schedule 2.11(h)**  
**Monthly Costs Control Report**  
**Summary of Labor Hours**

**Number of Direct Labor Hours Expended to Date/Estimated Number of Direct Labor Hours to Completion**

Engineer/Contract#: Dave Stoll/D006132  
 Project Name: Warrensburg Laundry & Dry Cleaning  
 Work Assignment No.: D006132-18

Date Prepared: 4/18/2012 10:42  
 Billing Period: \_\_\_\_\_  
 Invoice No.: \_\_\_\_\_

NSPE Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total Direct Labor Hours Exp/Est
	Exp/Est*		Exp/Est*		Exp/Est*		Exp/Est*		Exp/Est*		Exp/Est*		Exp/Est*		Exp/Est*		Exp/Est*		
Task 1	2						4				80	40	20						146
Task 2	3											150							153
Task 3												15							15
Task 4	3						4				10	60	20						97
Task 5	2						5				50	28	4		2				91
Task 6																			0
Task 7																			0
Task 8																			0
Task 9																			0
Task 10																			0
Task 11																			0
Task 12																			0
Total Hours	0	10	0	0	0	0	0	13	0	0	0	140	0	293	0	44	2		502

\* For multiple years use one average salary rate row for each year and each years subtotal Labor Cost

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Environmental Remediation

**Subcontract Solicitation Record and Certification for Standby Engineering Contracts**

Contract/WA No. D006132-18

Site/Spill Number 537022

Site/Spill Name WARRENSBURG LAUNDRY & DRY CLEANING

**NOTE:** Standby Contractor must obtain DER approval prior to executing and submitting subcontract.

Check the appropriate box and complete the chart below:

Standby Subcontractors

☐ Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.

☐ Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

☒ Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.) - SAME DRILLER AS FIRST PHASE OF WORK WAS USED, LOWEST BIDDER

Non-Standby Subcontractors

For non-standby unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

☐ Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed).

☐ Total estimated costs range from \$10,000 to \$20,000; three **written** responsive quotes must be obtained and attached.

☐ Total estimated costs are over \$20,000; five **written** responsive quotes must be obtained and attached.

Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes and an engineer's estimate to support cost reasonableness.

☐ Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	Phone Number	Date	Price Quote
A2TECH TECHNOLOGIES	578-885 5383	2/23/12	\$3559.41

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract will include all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
4. For subcontracts in excess (or anticipated to be in excess) of \$10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).
6. The subcontract includes the termination clause required in the prime contract.
7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.
8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at <http://www.ins.state.ny.us> and Best's Rating can be determined at <http://www.ambest.com>). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.
9. In addition to the appropriate insurance certificates, the contractor submitted a copy of the insurance policy provisions pertaining to notification of cancellation (including expiration, termination, or suspension) of such policy.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

<u><i>David Froll</i></u>	<u><i>2/23/12</i></u>
Signature of Contractor's Authorized Representative	Date
<u><i>STAR E&amp;I OF NY, P.C.</i></u>	<u><i>D006132-18</i></u>
Contractor Name	Contract/WA No.
<u><i>ARTECH TECHNOLOGIES</i></u>	
Subcontractor Name	

Rev. 01/10/12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Environmental Remediation

**Subcontract Solicitation Record and Certification for Standby Engineering Contracts**

Contract/WA No. D006132-18 Site/Spill Number 557022

Site/Spill Name Worleburg Laundry & Dry Cleaning

**NOTE:** Standby Contractor must obtain DER approval prior to executing and submitting subcontract.

Check the appropriate box and complete the chart below:

Standby Subcontractors

- ☐ Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.
- ☐ Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)
- ☐ Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

Non-Standby Subcontractors

For non-standby unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

- ☒ Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed). - ORIGINAL VALIDATION CONTRACTOR LOW BID
- ☐ Total estimated costs range from \$10,000 to \$20,000; three **written** responsive quotes must be obtained and attached.
- ☐ Total estimated costs are over \$20,000; five **written** responsive quotes must be obtained and attached.

Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes and an engineer's estimate to support cost reasonableness.

- ☐ Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	Phone Number	Date	Price Quote
VALIDATA	770-232 0130	2/23/12	\$358.50



On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract will include all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
4. For subcontracts in excess (or anticipated to be in excess) of \$10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).
6. The subcontract includes the termination clause required in the prime contract.
7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.
8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at <http://www.ins.state.ny.us> and Best's Rating can be determined at <http://www.ambest.com>). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.
9. In addition to the appropriate insurance certificates, the contractor submitted a copy of the insurance policy provisions pertaining to notification of cancellation (including expiration, termination, or suspension) of such policy.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

<u>Nand Stoll</u>	<u>2/23/12</u>
Signature of Contractor's Authorized Representative	Date
<u>STAN E. I. OF NY P.C.</u>	<u>D006132-18</u>
Contractor Name	Contract/WA No.
<u>VALIOSA</u>	
Subcontractor Name	

Rev. 01/10/12

Upstate  
Replacement -  
ARK

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Environmental Remediation

**Subcontract Solicitation Record and Certification for Standby Engineering Contracts**

Contract/WA No. D006132-18 Site/Spill Number 537022

Site/Spill Name Warrensburg Laundry & Dry Cleaner

**NOTE:** Standby Contractor must obtain DER approval prior to executing and submitting subcontract.

Check the appropriate box and complete the chart below:

**Standby Subcontractors**

☐ Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.

☒ Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

☐ Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

**Non-Standby Subcontractors**

For non-standby unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

☐ Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed).

☐ Total estimated costs range from \$10,000 to \$20,000; three **written** responsive quotes must be obtained and attached.

☐ Total estimated costs are over \$20,000; five **written** responsive quotes must be obtained and attached.

Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes **and** an engineer's estimate to support cost reasonableness.

☐ Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	Phone Number	Date	Price Quote
ARK TOXICS	914-985 1000	3/2/12	\$3486.00

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract will include all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
4. For subcontracts in excess (or anticipated to be in excess) of \$10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).
6. The subcontract includes the termination clause required in the prime contract.
7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.
8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at <http://www.ins.state.ny.us> and Best's Rating can be determined at <http://www.ambest.com>). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.
9. In addition to the appropriate insurance certificates, the contractor submitted a copy of the insurance policy provisions pertaining to notification of cancellation (including expiration, termination, or suspension) of such policy.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

<u>Nana Stoll</u>	<u>3/2/12</u>
Signature of Contractor's Authorized Representative	Date
<u>STATE &amp; I OF NY-CL.</u>	<u>D006132-18</u>
Contractor Name	Contract/WA No.
<u>AIR TOXICS - AIR/VAPOR</u>	
Subcontractor Name	

Rev. 01/10/12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Environmental Remediation

Upstate Replacement  
Walkersburg  
Tap water

**Subcontract Solicitation Record and Certification for Standby Engineering Contracts**

Contract/WA No. D006132-18 Site/Spill Number 557022

Site/Spill Name Walkersburg Landfill & Dry Cleaning

**NOTE:** Standby Contractor must obtain DER approval prior to executing and submitting subcontract.

Check the appropriate box and complete the chart below:

**Standby Subcontractors**

☐ Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.

☒ Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

☐ Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

**Non-Standby Subcontractors**

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☐ Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed).

☐ Total estimated costs range from \$10,000 to \$20,000; three written responsive quotes must be obtained and attached.

☐ Total estimated costs are over \$20,000; five written responsive quotes must be obtained and attached.

Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes and an engineer's estimate to support cost reasonableness.

☐ Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	Phone Number	Date	Price Quote
CATEN TECH	908-789 8900	3/2/12	\$485

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract will include all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
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5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).
6. The subcontract includes the termination clause required in the prime contract.
7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.
8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at <http://www.ins.state.ny.us> and Best's Rating can be determined at <http://www.ambest.com>). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.
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10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

<u><i>Klaus Stoll</i></u>	<u>3/2/12</u>
Signature of Contractor's Authorized Representative	Date
<u>SHAW E &amp; T OF NY P.C.</u>	<u>D006132-18</u>
Contractor Name	Contract/WA No.
<u>CAEM TECH LABS</u>	
Subcontractor Name	

Rev. 01/10/12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Environmental Remediation

**Subcontract Solicitation Record and Certification for Standby Engineering Contracts**

Contract/WA No. D006132-18

Site/Spill Number 537022

Site/Spill Name WARRENSBURG LAUNDRY & DRY CLEANING

**NOTE:** Standby Contractor must obtain DER approval prior to executing and submitting subcontract.

Check the appropriate box and complete the chart below:

Standby Subcontractors

☐ Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.

☐ Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

☒ Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.) - SAME DRILLER AS FIRST PHASE OF WORK WAS USED, LOWEST BIDDER

Non-Standby Subcontractors

For non-standby unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

☐ Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed).

☐ Total estimated costs range from \$10,000 to \$20,000; three **written** responsive quotes must be obtained and attached.

☐ Total estimated costs are over \$20,000; five **written** responsive quotes must be obtained and attached.

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☐ Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	Phone Number	Date	Price Quote
A2TECH TECHNOLOGIES	578-885 5383	2/23/12	\$3559.41

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract will include all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

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2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
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5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).
6. The subcontract includes the termination clause required in the prime contract.
7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.
8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at <http://www.ins.state.ny.us> and Best's Rating can be determined at <http://www.ambest.com>). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.
9. In addition to the appropriate insurance certificates, the contractor submitted a copy of the insurance policy provisions pertaining to notification of cancellation (including expiration, termination, or suspension) of such policy.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

<u><i>David Froll</i></u>	<u><i>2/23/12</i></u>
Signature of Contractor's Authorized Representative	Date
<u><i>STAR E&amp;I OF NY, P.C.</i></u>	<u><i>D006132-18</i></u>
Contractor Name	Contract/WA No.
<u><i>ARTECH TECHNOLOGIES</i></u>	
Subcontractor Name	

## Adams, Robert

---

**From:** Jason Natale [JNatale@aztechtech.com]  
**Sent:** Wednesday, February 22, 2012 7:58 AM  
**To:** Adams, Robert  
**Cc:** James Stair  
**Subject:** RE: Return to Warrensburg LDC

Good morning Adam...the price of per \$321.75 location for the vapor point is correct, please just add in an additional \$400.00 ( total ) for the mob / demob for 2 days of work. Any questions feel free to contact me and please let me know when you want to start this work, thanks again for the opportunity.

-----Original Message-----

**From:** Adams, Robert [mailto:Robert.Adams@shawgrp.com]  
**Sent:** Tuesday, February 21, 2012 5:56 PM  
**To:** Jason Natale  
**Subject:** RE: Return to Warrensburg LDC

Jay,

Borings to be 10 feet max... Roundboxes shall be of the 6" variety...

Let me know if you have any other questions..

---

**From:** Jason Natale [JNatale@aztechtech.com]  
**Sent:** Tuesday, February 21, 2012 4:49 PM  
**To:** Adams, Robert  
**Subject:** RE: Return to Warrensburg LDC

Thanks...got a few questions for you. How deep are these soil vapor points projected to go? And are we using 6" flush mount road boxes? Thank you.

**From:** Adams, Robert [mailto:Robert.Adams@shawgrp.com]  
**Sent:** Tuesday, February 21, 2012 1:28 PM  
**To:** Jason Natale  
**Cc:** Nicholas, Nicholas  
**Subject:** FW: Return to Warrensburg LDC

Jay

This what I sent James...

-Plus we should include a move fee to go with the 9 soil vapor locations...

Let me know if you have any questions or concerns...The site is located at 11 Richards Ave. In Warrensburg NY..

Robert Adams  
Scientist 2  
13 British American Blvd. Latham NY 12110  
518-785-2342  
518-783-8397 fax

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Please consider the environment before printing this e-mail.

From: Adams, Robert  
Sent: Wednesday, February 15, 2012 8:47 AM  
To: 'jStair@aztechtech.com'  
Cc: Nicholas, Nicholas  
Subject: Return to Warrensburg LDC

James,

I just spoke with your office and said you were at a conference.....

We are returning to install Nine (9) more soil vapor points around the Warrensburg LDC....

-Wanted verify the cost per \$321.75  
-NO soil samples, complete at grade with Roadbox...

Let me know what you think...We will review the budget to see if we have to add any funds....  
We appreciate the help..  
Learn well in Vancouver

Robert Adams  
Environmental Scientist  
13 British American Blvd. Latham NY 12110  
518-785-2342  
518-783-8397 fax

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Environmental Remediation

**Subcontract Solicitation Record and Certification for Standby Engineering Contracts**

Contract/WA No. D006132-18 Site/Spill Number 557022

Site/Spill Name Worleburg Laundry & Dry Cleaning

**NOTE:** Standby Contractor must obtain DER approval prior to executing and submitting subcontract.

Check the appropriate box and complete the chart below:

Standby Subcontractors

- ☐ Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.
- ☐ Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)
- ☐ Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

Non-Standby Subcontractors

For non-standby unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

- ☒ Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed). - ORIGINAL VALIDATION CONTRACTOR LOW BID
- ☐ Total estimated costs range from \$10,000 to \$20,000; three **written** responsive quotes must be obtained and attached.
- ☐ Total estimated costs are over \$20,000; five **written** responsive quotes must be obtained and attached.

Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes and an engineer's estimate to support cost reasonableness.

- ☐ Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	Phone Number	Date	Price Quote
VALIDATA	770-232 0130	2/23/12	\$358.50

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract will include all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
4. For subcontracts in excess (or anticipated to be in excess) of \$10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).
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<i>Nand Stoll</i>	2/23/12
Signature of Contractor's Authorized Representative	Date
JAWAN E. I. OF NY P.C.	D006132-18
Contractor Name	Contract/WA No.
VALIOSA	
Subcontractor Name	

Rev. 01/10/12

## Adams, Robert

---

**From:** KHarmonvcs@aol.com  
**Sent:** Tuesday, February 21, 2012 12:10 PM  
**To:** Adams, Robert  
**Subject:** Re: Warrensburg LDC additional Samples

Robert,

Here is the pricing for this sampling effort:

TO-15: \$17.75 per sample.  
502.2: \$22.00 per sample

The price of 502.2 is reflective of the small batch size in this case, so if you have a larger SDG in the future, it will be less. Be sure to add in any MS/MSDs, field blanks, Dups, etc., as those need to be validated also.

Please let me know if you have any questions.

Thanks,  
Kevin

Kevin Harmon  
Principal Chemist  
Validata Chemical Services, Inc.  
(770) 232-0130  
(770) 232-5082 fax  
[www.validatausa.com](http://www.validatausa.com)

---

In a message dated 2/20/2012 2:25:41 P.M. Eastern Standard Time, [Robert.Adams@shawgrp.com](mailto:Robert.Adams@shawgrp.com) writes:

Kevin,

Following Up to phone conversation we had this afternoon...

---We will be collecting approx. 13 Air Samples for TO-15...(\$17.00 per sample)?  
---And 5 Water Samples for 502.2 analysis..... Cost??

Again, thanks for your help.....

Robert Adams  
Scientist 2  
13 British American Blvd. Latham NY 12110  
518-785-2342  
518-783-8397 fax

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[www.shawgrp.com](http://www.shawgrp.com)

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Environmental Remediation

**Subcontract Solicitation Record and Certification for Standby Engineering Contracts**

Contract/WA No. D006132-18 Site/Spill Number 537022

Site/Spill Name Warrensburg Laundry & Dry Cleaner

**NOTE:** Standby Contractor must obtain DER approval prior to executing and submitting subcontract.

Check the appropriate box and complete the chart below:

**Standby Subcontractors**

☐ Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.

☒ Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

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For non-standby unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

☐ Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed).

☐ Total estimated costs range from \$10,000 to \$20,000; three **written** responsive quotes must be obtained and attached.

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☐ Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	Phone Number	Date	Price Quote
ARK TOXICS	914-985 1000	3/2/12	\$3486.00

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract will include all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
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9. In addition to the appropriate insurance certificates, the contractor submitted a copy of the insurance policy provisions pertaining to notification of cancellation (including expiration, termination, or suspension) of such policy.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

<u>Nana Stoll</u>	<u>3/2/12</u>
Signature of Contractor's Authorized Representative	Date
<u>STATE &amp; I OF NY-CL.</u>	<u>D006132-18</u>
Contractor Name	Contract/WA No.
<u>AIR TOXICS - AIR/VAPOR</u>	
Subcontractor Name	

Rev. 01/10/12

Price Quotation for  
Shaw Environmental & Infrastructure, Latham, NY  
Warrensburg, NY

Quote # : Q120319031R0  
March 2, 2012

# Samples	Description	Unit Cost	Total
	<b>Analysis</b>		
14	Modified EPA TO-15 Hi/Lo - Volatile Organic Compounds by GC/MS SIM/Full Scan Modified TO-15 Hi/Lo (LL Full List)-Carbon Tet & TCE @ SIM - see attached	\$ 160.00	\$ 2,240.00
	<i>Air Toxics recommends individual certification of canisters for low level and SIM analysis of VOCs.</i>		
	<b>Media Preparation Costs</b>		
14	6 Liter Summa Canister (SIM Certified)	60.00	840.00
14	Flow Controller-24 hr (SIM Certified)	Included	
	Fuel Surcharge	Included	
	<i>*All media is billed for preparation charges and these costs are applicable regardless of whether media is returned used or unused.</i>		
	<b>Miscellaneous Costs (if Required)</b>		
2	Duplicate Sampling T (SIM Certified)	8	16.00
	Unions	20/each	
	Fittings/ferrules	4/each	
80	Tubing - Teflon	4/ft	320.00
	Rush media surcharge (Overnight)	+55/can	
	Rush media surcharge (2nd Day)	+30/can	
	Report Reissue	125/hr	
	High Level Sample Prep**	15/sample	
	<i>**Additional sample preparation may be required in the case of high level matrix interference.</i>		
	<b>Deliverables</b>		
14	Standard ATL Report (provided in PDF and EXCEL via e-mail)	Included	
14	eCVP (Comprehensive Validation Package provided in PDF via web portal) -Category B equivalent	Included	
14	Client Specific EDD - NYSDEC EquIS format	5.00/sample	70.00
	<b>Total</b>	<b>\$</b>	<b>3,486.00</b>

**NOTES:**

A Eurofins Lancaster Laboratories Company

Eurofins Air Toxics, Inc.

180 Blue Ravine Road, Suite B  
Folsom, CA 95630

T | 916-985-1000  
F | 916-985-1020  
www.airtoxics.com

- Prices quoted are good for 60 days from date of quote. If a quote is provided for an ongoing project, prices are subject to a 3% increase on an annual basis.
- **Prices include 2<sup>nd</sup> day shipping to the site; client is responsible for return shipping.**
- A Fuel Surcharge may be applied depending on fuel costs. If the carrier levies an adjustable fuel surcharge on shipments, the same adjustable rate will apply to all sampling media shipments and will be reflected as a separate line item on your Air Toxics invoice.
- **Please note that reporting limits cited do not take into account sample dilution due to canister pressurization nor do they take into account sample dilution due to matrix interference.** In general, the dilution factor from pressurization will raise reporting limits approximately 1.5 to 1.7 times for 6L canisters and 2.4 to 2.5 times for 1L or PAC250 canisters.
- To ensure availability and prompt delivery of sample media, call at least 5 working days before project starts.
- Air Toxics reserves the right to dilute samples as necessary so as not to damage instrumentation. If you request that samples be analyzed undiluted, additional charges may be assessed.
- Sampling media is provided in support of analytical services. This is not a rental transaction; sample canisters may not be sent to another laboratory without prior written consent from Air Toxics.
- **Air Toxics' SOP for sample storage states that samples will be retained only until analysis is completed; at such time the samples will be released for cleaning. The cost to have Air Toxics hold a canister past the date of analysis is \$25/day per canister, with a maximum of 5 days.**
- Client bears sole responsibility for determining the applicability of and meeting compliance with all regulations applicable to the shipment of samples. Air Toxics assumes no liability with respect to the collection, handling, or shipping of samples. D.O.T. HAZMAT Hotline is (800) 467-4922.
- **Invoicing on Net 30 basis.** Analytical services will be provided per Air Toxics' Standard Terms and Conditions.
- **Media should be returned to the laboratory within 15 days of receipt.** Using canisters beyond 15 days increases the risk of having unacceptable initial vacuum at the start of sampling. ATL does not guarantee canister vacuum after 30 days. **After 21 days, a fee of \$50/canister will be applied for extended use. After 45 days** if the canisters have not been returned and special arrangements have not been made with the PM an invoice for the cost of the media will be issued.

**Standard report and standard EDD turnaround time is 10 business days.**

Air Toxics Rush Turnaround Time Surcharges:

Same Day - 200%
1 Day - 100%
2 Day - 75%
3 Day - 50%
1 Week - 15%

Note: Rush TATs are calculated by business days not by time of receipt; if specific time of delivery is required this must be established with the laboratory ahead of time. Surcharges apply to analytical prices only. Call to discuss rush turnaround time availability.



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Environmental Remediation

Upstate Replacement  
Walkersburg  
Tap water

**Subcontract Solicitation Record and Certification for Standby Engineering Contracts**

Contract/WA No. D006132-18 Site/Spill Number 557022

Site/Spill Name Walkersburg Landfill & Dry Cleaning

**NOTE:** Standby Contractor must obtain DER approval prior to executing and submitting subcontract.

Check the appropriate box and complete the chart below:

**Standby Subcontractors**

☐ Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.

☒ Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

☐ Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

**Non-Standby Subcontractors**

For non-standby unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

☐ Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed).

☐ Total estimated costs range from \$10,000 to \$20,000; three written responsive quotes must be obtained and attached.

☐ Total estimated costs are over \$20,000; five written responsive quotes must be obtained and attached.

Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes and an engineer's estimate to support cost reasonableness.

☐ Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	Phone Number	Date	Price Quote
CATEN TECH	908-789 8900	3/2/12	\$485

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract will include all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
4. For subcontracts in excess (or anticipated to be in excess) of \$10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).
6. The subcontract includes the termination clause required in the prime contract.
7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.
8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at <http://www.ins.state.ny.us> and Best's Rating can be determined at <http://www.ambest.com>). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.
9. In addition to the appropriate insurance certificates, the contractor submitted a copy of the insurance policy provisions pertaining to notification of cancellation (including expiration, termination, or suspension) of such policy.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

<u><i>Klaus Stoll</i></u>	<u>3/2/12</u>
Signature of Contractor's Authorized Representative	Date
<u>SHAW E &amp; T OF NY P.C.</u>	<u>D006132-18</u>
Contractor Name	Contract/WA No.
<u>CAEM TECH LABS</u>	
Subcontractor Name	

Rev. 01/10/12

**Stoll, Dave**

---

**From:** Adams, Robert  
**Sent:** Friday, March 02, 2012 11:51 AM  
**To:** Stoll, Dave; Fariello, Heather  
**Subject:** FW: Warrensburg LDC Quote

Dave,

Here is Chemtech's price for 524.2 analysis (NYSDOH Acceptable) it is more expensive than Upstate's 502.2 analysis (\$60.50).

---

**From:** Joe Dockery [mailto:joe@chemtech.net]  
**Sent:** Friday, March 02, 2012 11:44 AM  
**To:** Adams, Robert  
**Subject:** RE: Warrensburg LDC Quote

Rob,  
\$97.00 per sample for 524.2.

Thanks

Joseph Dockery  
**CHEMTECH**  
284 Sheffield Street  
Mountainside, NJ 07092  
Main: 908-789-8900 X3144  
FAX: 908-789-8922  
CELL: 732-688-2642

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**From:** Adams, Robert [mailto:Robert.Adams@shawgrp.com]  
**Sent:** Friday, March 02, 2012 11:11 AM  
**To:** Joe Dockery  
**Subject:** RE: Warrensburg LDC Quote

Joe 524.2 is acceptable! please provide the price quote...

Thanks again for your help

---

**From:** Joe Dockery [mailto:joe@chemtech.net]  
**Sent:** Friday, March 02, 2012 10:56 AM

5 samples @  
\$97 each = \$485  
DS 3/2/12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Environmental Remediation

**Subcontract Solicitation Record and Certification for Standby Engineering Contracts**

Contract/WA No. D006132-18 Site/Spill Number 537022

Site/Spill Name WALKENSBURG LAWNDALE DRY CLEANING

**NOTE:** Standby Contractor must obtain DER approval prior to executing and submitting subcontract.

Check the appropriate box and complete the chart below:

Standby Subcontractors

☐ Standby cost-plus-fixed-fee subconsultant/subcontractor selected on rotational basis.

☒ Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

☐ Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

Non-Standby Subcontractors

For non-standby unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

☐ Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed).

☐ Total estimated costs range from \$10,000 to \$20,000; three **written** responsive quotes must be obtained and attached.

☐ Total estimated costs are over \$20,000; five **written** responsive quotes must be obtained and attached.

Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes and an engineer's estimate to support cost reasonableness.

☐ Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

Subcontractor/Subconsultant	Phone Number	Date	Price Quote
UPSTATE LABS	315-437-0255	2/23/12	\$3625.13
Upstate isn't be used anymore for the additional work because of the ELAP suspension. The work was given to Chemtech and Air Toxics.			

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract will include all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
4. For subcontracts in excess (or anticipated to be in excess) of \$10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).
6. The subcontract includes the termination clause required in the prime contract.
7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.
8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at <http://www.ins.state.ny.us> and Best's Rating can be determined at <http://www.ambest.com>). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.
9. In addition to the appropriate insurance certificates, the contractor submitted a copy of the insurance policy provisions pertaining to notification of cancellation (including expiration, termination, or suspension) of such policy.
10. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

<i>Nandor Stoll</i>	<i>2/23/12</i>
Signature of Contractor's Authorized Representative	Date
<i>STATE OF NY, PC.</i>	<i>D006132-18</i>
Contractor Name	Contract/WA No.
<i>UPSTATE LABS</i>	
Subcontractor Name	

**From:** Gary George [ggeorge@upstatelabs.com]  
**Sent:** Tuesday, February 14, 2012 4:53 PM  
**To:** Adams, Robert  
**Cc:** Fariello, Heather; Nicholas, Nicholas; Stoll, Dave  
**Subject:** Re: Warrensburg LDC Air Sampling (return)

Hi Robert,

Yes prices are good. Detection limits not a problem for PCE, TCE & Carbon Tetrachloride. I'm double checking on the 1,1,1- TCA and will get back to you shortly. I'm sorry that I did not get back to you sooner, for some reason I never got your message.

Thanks,

Gary

On 2/14/2012 3:32 PM, Adams, Robert wrote:  
Sorry Gary, disregard the detection limit in the e-mail below

The correct Detection Limit for PCE needs to be  $1 \mu\text{g}/\text{m}^3$

---

**From:** Adams, Robert  
**Sent:** Tuesday, February 14, 2012 3:28 PM  
**To:** 'Gary George'  
**Cc:** Fariello, Heather; Nicholas, Nicholas  
**Subject:** Warrensburg LDC Air Sampling (return)

Hello Gary,

I am Following up to a phone message I left this afternoon...

--We are tasked to take some more air samples at the Warrensburg Dry Cleaning Site; as well as water sample for 502.2.

We wanted to confirm that your lab could meet the required NYSDOH detection limits for

PCE:  $3 \mu\text{g}/\text{m}^3$

TCE, Carbon Tetrachloride and 1,1,1- TCA -  $0.25 \mu\text{g}/\text{m}^3$  (One of the DOH's comments was laboratory detection limits were above guidance criteria)

Also, if Pricing remains the same? (Air TO-15 - \$225.00 and \$60.50 for Water 502.2)

Overall we will be collecting 14 Air Samples (9 soil gas (+1 Dup), 1 sub-slab (+1 Dup), 1 outdoor ambient, 1 indoor ambient and 1 water + Dup. and MS/MSD

Thanks for your help and let Heather, Nick or I know if you have any questions or concerns...

Robert Adams  
Environmental Scientist  
13 British American Blvd. Latham NY 12110  
518-785-2342  
518-8941320  
518-783-8397 fax

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--

Gary E. George  
Regional Manager  
Upstate Laboratories, Inc.

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