PM = Okiel/Hunt

Earth Tech

FINAL
WORK PLAN

REMEDIAL INVESTIGATION/FEASIBILITY STUDY
COUNTRY CLEANERS
410 WEST MAIN STREET, HUNTINGTON, NY

Site No. 152187
Work Assignment No. D004436-13

Prepared for:

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1.0 INTRODUCTION

1.1 PURPOSE AND OBJECTIVE OF THE WORK ASSIGNMENT

Earth Tech Northeast, Inc. (Earth Tech) has been issued Work Assignment # D004436-13 under the New York State Department of Environmental Conservation (NYSDEC) State Superfund Standby Program. The site under this work assignment is Country Cleaners (Site # 1-52-187). The location of the Site is shown on Figure 1.

The specific objectives of this project, as defined by the NYSDEC, are to conduct a remedial investigation (RI) to develop a conceptual site model that describes the nature and extent of site related contaminants. The data generated from the remedial investigation will be used for effective identification and evaluation of remedial action alternatives, prepare a remedial action plan, and issue a Record of Decision. The RI will be performed in accordance with NYSDEC Division of Environmental Remediation Draft DER-10 Technical Guidance for Site Investigation and Remediation, dated December 2002. The soil vapor investigation will be performed in accordance with New York State Department of Health (NYSDOH), Soil Vapor Intrusion Guidance, dated October 2006.

Earth Tech has developed and submitted this management plan for NYSDEC's review and approval. It includes a detailed budget based upon the scope of work outlined in the work assignment (WA) letter issued by the Department on October 5, 2007. In addition, this submittal includes a staffing plan and proposed schedule and a subcontractor utilization plan including a Minority/Women Business Enterprise (M/WBE) utilization plan.

1.2 SITE DESCRIPTION

Information on the location, history, previous investigations, and site geology are provided in the subsections below.

1.2.1 General/Location

The Country Cleaners site (herein identified as the "site") is located at 410 West main Street, Huntington, Suffolk County, New York. The site is improved with a single story building.

The site is abutted by a residential building to the south, Hillside Avenue to the west, West Main Street to the North, and Getty Service Station to the east (Figure 2).

1.2.2 Operational/Disposal History

Dry-cleaning operations are conducted at the site by Jim Dandy Cleaners (Jim Dandy). Based on the interview conducted with Nick, Manager Jim Dandy, Jim Dandy currently leases the building at the Site. Nick mentioned that Jim Dandy uses petroleum hydrocarbons in its dry-cleaning process. According to Nick, Country Cleaners ceased its dry-cleaning operations at the site about a year back.

Based on the information provided in the WA, the disposal of tetrachloroethene (PCE) at the site has led to the contamination of on-site soil and groundwater, and off-site groundwater above the applicable NYSDEC standards. One source of contamination is located in a narrow yard at the south side of the property. PCE impacts were found in the soil beneath a condensate pipe at the southeast corner of the building and in a nearby storm drain. Under the order and oversight of the Suffolk County Department of Health Services (SCDHS), the owner remediated the storm drain in December 2001. Approximately 1,000-gallon of oily water and 37 tons of contaminated soil/sediments were removed to a depth of 26 feet below grade. An unknown quantity of soil was also removed from the unpaved portions of the yard. Subsequent sampling confirmed that PCE contamination remains in a location near the southeast corner of the building. An old floor drain was also found in the floor of the boiler room during the course of the investigation. A thorough evaluation of the floor drain and associated piping were not possible because of the new boiler that was placed directly over the drain. NYSDEC believes that this floor drain represents a possible point of past discharges contributing to the contaminated groundwater originating from the site. The groundwater samples collected from the on-site and off-site monitoring wells (at the Getty Service Station) show the presence of PCE and its degradation products.

1.3 LOCAL AND SITE GEOLOGY AND HYDROGEOLOGY

1.3.1 Regional Geology

Suffolk County consists of thick deposits of unconsolidated, water-bearing sediments resting upon a relatively impermeable, crystalline bedrock surface. Bedrock below Suffolk County is tilted southeast to south at a slope of approximately 50 to 70 feet per mile. In many places, the upper surface of the bedrock is weathered to residual clay. Since the water bearing capacity of the unit is extremely low, the bedrock surface is considered to be the bottom of the groundwater reservoir.

The sediments comprising the Raritan Formation lie on the bedrock surface and are believed to have been derived from stream erosion of the areas to the north and west. The formation is made up of a lower sand and gravel member (Lloyd Sand) and upper clay member (Raritan clay). The Lloyd sand member consists of sand and gravel interbeds, with occasional lenses of clay and silt. The clay member of the Raritan formation overlies the Lloyd sand member throughout Suffolk County. The upper surface lies about 400 feet below sea level in northwest Huntington and slopes parallel to the bedrock. The Raritan

clay, although composed mainly of clay and silt, does contain some sand and gravel beds and lenses; overall, however, the hydraulic conductivity of the clay member is low, and it confines the water in the Lloyd aquifer. The surface of clay member lies between 300 and 400 feet below sea level in northwest Huntington.

The Magothy Formation is composed of river delta sediments that were deposited on top of the Raritan Formation after a period of erosion. It consists of highly permeable quartzose sand and gravel deposits with interbeds and lenses of clay and silt that may have local hydrologic significance. The Magothy was scoured by glaciers, particularly in northwest Huntington, where it is completely eroded. The highly eroded upper surface of Magothy does not exhibit any distinctive tilt to the southeast, although bedding planes within the formation have this orientation. Because the upper surface is so irregular, the thickness of the Magothy varies; however, the thickness generally increases from north to south. The Monmouth group overlies the Magothy formation along most of the South Shore. It was deposited in a shallow marine environment and consists of interbedded clay, silt and sand, giving the unit a low overall permeability. The upper surface ranges from about 70 to 165 feet below sea level.

The Gardiners Clay is a shallow marine or brackish-water deposit, typically grayish-green to gray. The unit contains some beds and lenses of sand and silt, but its overall hydraulic conductivity is low, making it a confining layer for underlying aquifer formations, particularly the Magothy. The upper surface of the unit ranges in altitudes from 40 to 120 feet below sea level. The glacial deposits overlie Magothy deposits, except in areas of the North Shore where the Magothy was scoured away by glaciers, and in areas of the South Shore where the Gardiners clay or Monmouth Group intervene. It ranges in depth from 90 feet above mean sea level to 150 feet below sea level. Because of its overall low conductivity, the clay acts as a local confining unit between upper and lower portions of the glacial aquifer.

1.3.2 Site Geology

Based on the boring logs for the monitoring wells installed on the Getty Service Station and potable water wells installed on Hollywood Place, fine to medium sand, trace silt and clay underlies the top asphalt/gravel layer and extends to a depth of approximately 10 ft below ground surface (ft bgs). A layer of medium to fine sandy clay was observed from a depth of 10 to 20 ft bgs and sand layer was observed from 30 to 60 ft bgs. Bedrock was not encountered up to 370 ft bgs.

1.3.3 Regional Hydrogeology

The two uppermost major geologic units, the upper glacial deposits, and the older, deeper deposits of the Magothy formation constitute the water bearing aquifers. Based on the information obtained from NYSDEC, the water table ranges from 50 to 70 ft bgs. The groundwater flow direction in the vicinity of the site is to the north-northeast.

1.4 SITE HISTORY AND PREVIOUS INVESTIGATIONS

Several rounds of investigations have been conducted at the site and on adjacent Getty Service Station. The summary of investigations presented below is based on the review of files limited information made available to Earth Tech by the various County and State Regulatory agencies.

1.4.1 Getty Service Station – Groundwater Investigation by Berninger Environmental, Inc.

Lou Halperin Properties, Inc. contracted Berninger Environmental, Inc. (BEI) to perform a limited subsurface investigation at the Getty Service Station property. BEI installed monitoring wells MW-1 and MW-2 on October 28, 1996 and November 5, 1996, respectively. MW-1 was dry; water was encountered in MW-2 at a depth of 52 ft bgs. MW-1 was installed along the property fence with the Country Cleaner site; strong perchlorethylene odor was observed in the well. Groundwater collected from MW-2 was found to be primarily impacted by the following chlorinated VOCs exceeding New York State Groundwater Standards: PCE (2,170 µg/l), trichloroethene (398 µg/l), benzene (6.5 µg/l), toluene (31 µg/l), and methyl tertyl butyl ether (960 µg/l). BEI attributed the presence of chlorinated solvents to an upgradient source (Country Cleaners).

1.4.2 Suffolk County Department of Health Services – October 1997

Earth Tech was able to obtain a hand sketch showing the sample collection location and the reduced data tables for some of the samples collected during this sampling event. Four soil samples (1-WS-10-20, 2-WS-10-20, 3-WS-10-20, and 4-WS-10-20) were collected during this investigation and analyzed for volatile organic compounds (VOCs) using USEPA Method 8260. 1-WS-10-20 was collected from the storm drain; 2-WS-10-20 was a sludge sample collected from the storm drain; 4-WS-10-20 was collected from under the condensate pipe; no information is available about the location of 3-WS-10-20. The soil sample results (in µg/kg) are summarized below.

Compound	1-WS-10-20	2-WS-10-20	4-WS-10-20
1,1-DCE	ND	110	ND
Trans-1,2-DCE	ND	340	ND
Cis-1,2-DCE	510	37,000	ND
TCE	170	210	ND
PCE	ND	1,000	12,000,000

No information about the soil sample results from 3-WS-10-20 was available.

1.4.3 Suffolk County Department of Health Services – March 1998

Earth Tech was able to obtain a hand sketch showing the sample collection location and the reduced data tables for some of the samples collected during this sampling event. Four soil samples (1-WS-3-24, 2-WS-3-24, 3-WS-3-24, and 4-WS-3-24) and one groundwater sample from monitoring well MW-2 were collected during this investigation and analyzed for volatile organic compounds (VOCs) using USEPA Method 8260. 1-WS-3-24 and 3-WS-3-24 were collected from 9 inches below surface; 2-WS-3-24 and 4-WS-3-24 were surficial soil samples. PCE was detected at a concentration of 720 µg/kg, 9,300 µg/kg, 1,600 µg/kg, and 440 µg/kg in the soil samples collected from 1-WS-3-24, 2-WS-3-24, 3-WS-3-24, and 4-WS-3-24, respectively. Results for other compounds were not reported in the reduced data tables made available to Earth Tech.

1.4.4 Sampling Investigation by Impact Environmental – September 2000

Impact Environmental installed one monitoring well MW-1 in the southern portion of the site. In addition, Impact Environmental collected two soil samples and two groundwater samples (MW-1 [on-site well] and MW-2 [Getty Service Station well]). Impact Environmental reported that PCE was detected at concentration of 10 µg/kg and 31 µg/kg in the soil samples collected. No information is available to determine if the soil samples were analyzed for compounds other than PCE. The groundwater sample results (in µg/l) are summarized below.

Compound	MW-1	MW-2
Cis-1,2-DCE	17.7	583
TCE	97.5	184
PCE	2,853	1,888

1.5 PROJECT DESCRIPTION

There are six major tasks to accomplish the project goal of conducting a site characterization.

- Task 1 - Work Plan Development
- Task 2 - Remedial Investigation
- Task 3 - Remedial Investigation Report
- Task 4 – Feasibility Study and Report
- Task 5 – Document Disposition and Data
- Task 6 – Citizen participation Plan

This Work Plan is part of the Task 1 Work Plan Development. The Site Specific Plans will be submitted with the Final Work Plan and will serve as the basis for Task 2 – Remedial Investigation field activities. The findings of the Remedial Investigation (Task 2) will be summarized in the Remedial Investigation report (Task 3). The remedial action evaluation will be conducted during the Feasibility Study (Task 4). The document disposition and data submittal requirements constitute Task 5. The preparation of citizen participation plan constitutes Task 6.

2.0 SCOPE OF WORK

2.1 WORK PLAN DEVELOPMENT

2.1.1 Task 1.1 - Draft Remedial Investigation/Feasibility Study Work Plan

Earth Tech has developed this Draft Remedial Investigation/Feasibility Study (RIFS) Work Plan (Work Plan) that includes the following:

- **Historic Records Search:** Available historic information obtained from NYSDEC, USEPA, and SCDHS were reviewed. The findings of the review are summarized in Section 1.0 and include: all potential areas of contamination; surface and subsurface characteristics of the site, including topography, soil characteristics, depth to groundwater and any confining units.
- **Site Visit:** Earth Tech participated in a site visit with the NYSDEC project manager on November 7, 2007.
- **Scoping Meeting:** Earth Tech will participate in a scoping meeting at the NYSDEC Albany, NY office if requested by NYSDEC.
- **Scope of Work**: A statement of the general Scope of Work for the RI/FS has been developed and summarized in this section.
- **Level of Effort (LOE) and Budget:** Preliminary estimate of the LOE and budget for conducting the RI and FS Tasks and associated activities is presented in Attachment A.
- **Schedule:** Preliminary projection of the Work Assignment schedule, including milestones and deliverables for the RI/FS is included in Figure 3 of the Work Plan.
- **Staffing Plan:** Project Staffing Plan, identifying key management and technical staff members, with listing their areas of responsibility and experience with Triad Method investigation projects is included in Section 4.0 of this Work Plan.
- **M/WBE Utilization Plan:** Identification of work items to be subcontracted including a Minority/Women owned Business Enterprise Utilization Plan is included in Section 5.0 of this Work Plan.

2.1.2 Task 1.2 - Final Remedial Investigation/Feasibility Study Work Plan

If necessary, Earth Tech will participate in a meeting with appropriate NYSDEC staff in Albany to review comments and details of the Draft RI/FS Work Plan. A Final RI/FS Work Plan will be submitted to the NYSDEC upon approval of the Draft RI/FS Work Plan. The Final Work Plan will contain the following elements:

- **Data and Records Search**: Summary of available historic information of adjacent/downgradient property owners, with contact information.
- **Dynamic Work Plan/Field Activities Plan**: As discussed with NYSDEC during the site visit on November 7, 2007, Earth Tech will prepare a Dynamic work plan as

part of the Final Work Plan submittals and will include at least the following:

- Before initiation of on-site field activities, a base map of the study area will be developed. In time, the base-map will be used to accurately depict all sampling locations (Pre-specified and subsequent delineation) including cesspools, storm drains, soil gas points, soil borings, monitoring wells, groundwater flow direction, contours of contaminant concentration, and all other items of significance. The map will also be utilized to present the real-time or near real-time data to the decision making team.
- The Dynamic work plan will describe and estimate the number of pre-specified samples necessary to delineate the contamination in all environmental media.
- The Dynamic work plan will clearly describe how groundwater flow direction, vertical gradients, hydraulic conductivity, and other relevant hydrogeological information will be determined during the Triad investigation. The reason for, and description of any permanent wells or piezometers will be presented.
- The Dynamic work plan will also describe analytical methods to be used, and a detailed schedule of activities, to the degree practicable.
- As the Triad Method will be employed, elements of the RI/FS to be decided in the field will be clearly identified and the decision-making methodology explained.

- **Site Specific Health and Safety Plan**: The Health and Safety Plan will contain a section on community health and safety during field work. Air monitoring procedures and contaminant action levels must be included in this section which should conform to the Generic Community Air Monitoring Plan.
- **Site Specific Quality Assurance Project Plan**: All quality assurance protocols, as detailed in Work Element V of the Standby Contract, will be included for NYSDEC's approval.
- **Detailed Work Assignment Budget**: A detailed budget for the completion of the RI/FS will be included. This budget will detail all personnel, non-personnel and subcontractor costs.
- **Detailed Schedule**: The schedule will include all activities anticipated during the RI/FS.

2.2 REMEDIAL INVESTIGATION

Triad Method will be utilized during the investigation to fully characterize the site contamination laterally and vertically. Sufficient data will be generated during the investigation to allow for the effective identification and evaluation of remedial action alternatives in the Feasibility Study. Whenever possible, small diameter direct push and real-time analytical equipment will be utilized to reduce costs, speed installation, and reduce investigation-derived waste. Work will be scheduled to reduce the total number of site mobilizations.

2.2.1 Proposed Triad Approach

As discussed with NYSDEC during the site visit on November 7, 2007, Earth Tech proposes to use a combination of surface geophysics, Membrane Interface Probe (MIP) data, drive point groundwater grab sampling and monitoring well monitoring/samples to create a collaborative data set to define the plume shape and locate/delineate the source area.

The first phase of triad approach program will include using MIPs to delineate the horizontal and vertical impacts. The MIPs gives readings in µV (micro volts). Earth Tech proposes to advance the first few MIPs borings adjacent to the existing monitoring wells. The water from these monitoring wells will be sampled and analyzed for VOCs on a 12 hour turn around time. The MIPs readings (in µV) will be correlated to the concentrations (in µg/L) of VOCs detected in these monitoring wells. At this point, the average push depth for a MIP is assumed to be 60 feet. Once a correlation has been established between the MIP results and the groundwater sampling data, Earth Tech will begin a program of "step out" in a direction perpendicular to the assumed groundwater flow direction in order to determine the plume width. After the plume width and trend has been determined by several transects, Earth Tech begin a MIP program in the downpgradient direction to determine the extent of off-site groundwater impacts. For estimating purposes Earth Tech has assumed seven days of MIPs investigation to delineate the extent of contamination.

Upon completion of the MIPs investigation, Earth Tech will initiate an interval specific groundwater grab sampling using drive point screens. Groundwater sampling intervals will be selected based upon the MIP findings – i.e., the MIP logs and the 3D visualization of the MIP results. Earth Tech will choose intervals that represent a range of MIP signal strengths. The interval specific groundwater samples will be collected from downgradient, upgradient, side gradient, underneath and within the source area. For estimating purposes Earth Tech has assumed ten working days to collect 50 groundwater grab samples for VOCs analysis. The samples will be sent to an off-site Environmental Laboratory Accreditation Program (ELAP) certified laboratory for analysis on a 12-hour turn-around time basis.

Based on the finings of the groundwater grab sampling, a number of locations throughout the plume will be selected to install permanent groundwater monitoring wells. For estimating Earth Tech has assumed six 60 ft depth wells with ten foot screens.

2.2.2 Task 2.1 - Remedial Investigation Field Activities

Earth Tech will conduct the Remedial Investigation field activities in accordance with DER-10, section 3. To accomplish this objective, the subtasks discussed below are proposed. Additional methodology information for field activities will be provided in the FAP/Dynamic Work Plan. Unless otherwise noted, it is assumed that all field work will be completed in United States Environmental Protection Agency (USEPA) Level D protection in accordance with the HASP. It is assumed that all field activities will be monitored by one or more Earth Tech representatives.

The principal components of the field investigation include:

- Geophysical Survey
- MIPs
- Soil Sampling (If required)
- Groundwater Grab Sampling
- Permanent Monitoring Well Installation and Sampling
- Survey

Earth Tech will develop the site plan depicting general site features (i.e., buildings, roadways, utility poles, fences, addresses, etc.) within the vicinity of the site. The locations of all sample points and existing monitoring wells will be surveyed. The horizontal and vertical positions will be tied into the North American Datum 1983 and UTM Zone 18N coordinate system. The vertical positions will be tied to the North American Vertical Datum 1988 (NAVD88). The measuring associated with the monitoring wells will be recorded to an accuracy level of 0.01 feet vertically. The final survey will be supplied in a digital CAD format (i.e., DWG or DXF files in the coordinates above). Earth Tech and all of its subcontractors will list as additionally insured NYSDEC for all the type of insurance required by the Standby Contract.

It should be noted that several residences and an apartment community are located within 200 feet of the site. Please note that Vapor Intrusion (VI) investigation will be conducted only upon completion of delineation of groundwater contamination. VI investigation will need to be conducted in accordance with NYSDOH vapor intrusion guidance at each of the residences that lie within 100 feet of the leading edge of the plume. Therefore, VI investigation work plan will be submitted under a separate cover as a second phase of this project and will not be a part of the Dynamic Work Plan. The indoor air quality investigations will be performed as per NYSDOH vapor intrusion guidance.

2.2.3 Task 2.2 - Data Usability Summary Report

A Data Usability Summary Report will be prepared by a party independent from the laboratory performing the analysis for all samples where Category B deliverables are provided. Earth Tech will retain the services of an independent third party qualified data validator to prepare a Data Validation/Usability Report. The report will be submitted to the NYSDEC Project Manager.

2.3 TASK 3.0 - REMEDIAL INVESTIGATION REPORT

Upon completion of the field work, a draft Remedial Investigation Report will be generated for the site. The report will include the following:

- **Summary of Analytical Data:** The RI report will summarize analytical data, using tables and maps to the extent possible. All of the analytical data collected during this and past investigations will be included.

- **Summary of Site History and Conditions:** The report will include all of the information collected during the historic records and file search. The report will also include a section detailing the geologic and hydro-geologic conditions.
- **Summary of Field Work:** The report will include an account of all of the field work performed during this investigation. This account will include figures and tables to show sample locations, parameters analyzed for, etc.
- **Evaluation of Data Collected:** The completeness of the data collected during this investigation will be evaluated. Any data gaps or other areas where additional information is desirable will be identified. Recommendations on ways to fill these data gaps will be provided.
- **Comparison to State Standards, Criteria and Guidelines (SCGs):** SCGs for each contaminant detected will be identified and compared to existing conditions.

A total of four copies of a draft report will be submitted to NYSDEC. Upon receipt of the comments, Earth Tech will revise the draft report and print the requested number of final copies indicated in the NYSDEC comment letter. One copy of the final report; text, tables, maps, photos, etc., will be submitted as a single PDF file. All environmental data will be supplied in the latest version of the DEC's EDD format in an ArcGIS geodatabase. All electronic files will be submitted to DEC on a compact disc(s).

2.4 FEASIBILITY STUDY REPORT

To be protective of human health and the environment, an evaluation of remedial alternatives for contaminated site media will be completed. To meet the Remedial Action Objectives for the site, Earth Tech will conduct a Feasibility Study (FS). This study will include the following subtasks.

2.4.1 Task 4.1 - Development and Screening of Alternatives

Utilizing information generated in Tasks 2 and 3, Earth Tech will develop a list of potential remedial alternatives, each of which will include identifying and screening technologies that may be used to remediate the site.

The alternatives and their associated technologies will be screened based upon effectiveness, ability to implement, and cost. Technologies and their associated containment or disposal requirements will be assembled into alternatives for the contaminated media at the site or for the operable unit. Alternatives can be developed to address contaminated medium, a specific area of the site, or the entire site. The initial list of remedial alternatives and the screened list, along with discussion and justifications, will be submitted in the form of a Preliminary Screening of Alternatives Report to the NYSDEC Project Manager for review. After NYSDEC review, Earth Tech will meet with NYSDEC representatives to assess the process and examine the alternatives that passed the screening.

2.4.2 Task 4.2 - Treatability Investigations

Treatability investigations are conducted primarily to:

- Provide sufficient data to allow treatment alternatives to be fully developed and evaluated during the detailed analysis phase and to support the remedial design (remedial design/remedial action) of selected alternatives, and
- Reduce cost and performance uncertainties for treatment alternatives to acceptable levels so that a remedy can be selected.

This subtask was not included in the WA. The scope of the treatability investigation will be developed upon the completion of the Preliminary Screening of Alternatives Report and will be submitted as an addendum to this PMP.

2.4.3 Task 4.3 - Detailed Analysis of Alternatives/Draft Feasibility Study Report

Earth Tech will prepare a Draft Feasibility Study Report. Following authorization from the NYSDEC Project Manager, Earth Tech will perform a detailed analysis of the remaining remedial alternatives. Each alternative will be evaluated against the criteria listed below, and then a comparative analysis will be performed:

- Overall protection of human health and the environment (including net environmental benefit)
- Compliance with SCGs
- Long term effectiveness and permanence
- Reduction of contaminate toxicity, mobility, and volume
- Short term effectiveness
- Ability to implement technical reliability
- Community acceptance
- Cost

2.4.4 Task 4.4 - Final Feasibility Study Report

Upon review of the Draft Feasibility Study Report by the NYSDEC, Earth Tech will prepare a Final Feasibility Study Report and under a separate cover letter make a recommendation of a preferred alternative that fulfills the requirements of 6NYCRR Part 375, and is not inconsistent with the National Contingency Plan (NCP). In addition, Earth Tech will prepare a conceptual plan for implementing the preferred alternative and will verify its feasibility. Earth Tech will provide additional data and analysis as necessary for the NYSDEC to prepare a Proposed Remedial Action Plan (PRAP) for the site.

2.4.5 Task 4.5 - Public Participation

At the completion of the RI/FS, a public meeting will be held near the site to present the FS and preferred alternative. Earth Tech will assist the NYSDEC and the NYSDOH with

the preparation of material for and the presentation of, the RI/FS data and the PRAP at the meeting.

2.5 DOCUMENT DISPOSITION AND DATA

2.5.1 Remedial Investigation Reporting Requirements

Earth Tech will make their recommendation as to the proposals for future activities in the transmittal letter to the NYSDEC that accompanies the draft RI report. A total of four copies of the draft report will be submitted, three to the DEC and one to the NYSDOH, for review and comment. Upon receipt of these comments, Earth Tech will revise the report and print the requested number of final copies indicated in the comment letter. One copy of the final report with text, tables, maps, photos, etc., will be submitted as a single PDF file. All electronic files will be submitted to the NYSDEC on a Compact Disc.

The chemical, geologic and other data will be submitted in the most recent version of the NYSDEC EDD with the final report submission. Currently this is the USEPA National EDD or Multimedia EDD format.

Earth Tech will compile a list of owner names, addresses and tax map numbers for all properties to be investigated. This list will be submitted to the NYSDEC no later than 28 days prior to the start of field work. This list will be updated when the final reports are submitted to the NYSDEC.

All field activity logs and/or field notes will be included in the final report as an appendix.

2.5.2 Task 5. 1 - Monthly Report

Earth Tech will submit a monthly progress report to NYSDEC each month that will include following items:

- Accomplishments during the reporting period;
- Problems encountered during the reporting period;
- Compliance with project schedule and budget;
- Projected changes in scope of work; and
- M/WBE Utilization Report (Quarterly).

2.6 TASK 6 – CITIZEN PARTICIPATION PLAN

At NYSDEC's request, Earth Tech will develop a Citizen Participation Plan which will identify groups, individual and officials that may be interested in any remedial activities that take place at these sites. This plan will involve determining the addresses of adjacent property owners, local officials, and advocacy groups. At NYSDEC's request, Earth Tech will provide information and help plan any public meeting or generate a fact sheet to be distributed to the addresses compiled.

3.0 PROJECT SCHEDULE

The project schedule is presented in Figure 3.

4.0 STAFFING PLAN

The functional relationships among the parties involved in this project are illustrated in Figure 4. The roles and responsibilities of the key people shown in the chart are described briefly below.

Program Manager Mike Thiagaram, P.E., Earth Tech's Program Manager, will have responsibility for overall program management and coordination of subcontractors to complete the work.

Project Manager Mr. Amit Haryani, Earth Tech' Project Manager, will have responsibility for overall project management and coordination with NYSDEC.

Field Team Leader Mr. Jainil Shah/Mihir Chokshi will have overall responsibility of implementing and coordinating Remedial Investigation study (Task 2) project activities.

QA Officer Mr. Allen Burton will serve as Quality Assurance Officer, and will be responsible for laboratory subcontractor procurement and assignment, as well as providing overall direction for the QA/QC program (including the QAPP and the final data usability assessment).

H & S Officer Bob Poll, Earth Tech Northeast Safety Manger, will oversee the health and safety aspects of this assignment. He, or his designee, will have the responsibility for approval of the project health and safety plan, and tracking of its implementation. He will also verify that on-site subcontractors either have their own (acceptable) HASP; or confirm in writing that the subcontractors will abide by the provisions of the Earth Tech HASP.

Resumes for Earth Tech personnel have previously been submitted to the Contract Development Section.

5.0 SUBCONTRACTING AND M/WBE PLAN

The subcontracting and M/WBE plan presented here is only for the Tasks 1 through 4. Several areas of unit price service under Task 3 are amenable to existing Earth Tech standby subcontracting:

- Geophysical Survey
- Drilling Services
- Laboratory Analysis
- Well Survey
- Data Validation

Earth Tech solicited quotes from Hager-Richter Geoscience, Inc. and Enviroscan, Inc. Based on the lowest quotes received, Earth Tech tentatively plans to use **Enviroscan, Inc.,** a NY ESD-certified WBE firm, for providing utility clearance at the sub-slab sampling locations.

Earth Tech solicited quotes from Land, Air, Water Environmental Services, Inc., and Delta Well and Pump. Based on the lowest quotes received, Earth Tech tentatively plans to use **Land, Air, Water Environmental Services, Inc.**, a NY ESD-certified WBE firm, for conducting HydroPunch sampling and installing monitoring wells.

Based on the stand-by contract with Chemtech for NYSDEC projects, Earth Tech tentatively plans to utilize **Chemtech**, a NY ESD-certified MBE firm for laboratory analysis. .

Based on the stand-by contract with NAIK Consulting Groups, Inc. for NYSDEC projects, Earth Tech tentatively plans to use **NAIK Consulting Group Inc.** a NY ESD-certified MBE firm, for land survey.

Based on the stand-by contract with Environmental Data Services Inc. for NYSDEC projects, Earth Tech tentatively plans to use **Environmental Data Services Inc.** a NY ESD-certified WBE firm, for data validation and preparation of the data usability report.

Earth Tech solicited quotes from S_2C_2 Inc., Vironex and Zebra Environmental. Based on the lowest quotes received, Earth Tech tentatively plans to utilize **S_2C_2, Inc.,** for conducting MIPs.

6.0 BUDGET

This Section contains a summary of Work Assignment costs for Tasks 1 through Task 6 in the required 2.11 series cost schedules. This budget is based on the scope and schedule presented in foregoing Sections and on the assumption that Tasks 1 will occur in 2007, and Tasks 2 through 6 will occur in 2008.

6.1 2.11 SERIES COST SCHEDULES

The following schedules are presented for Earth Tech (Attachment B).

2.11 (a)	Summary of Work Assignment Price
2.11 (b-1)	Direct Administrative Labor Hours Budgeted
2.11 (b)	Direct Labor Hours Budgeted - 2007
2.11 (b)	Direct Labor Hours Budgeted – 2008
2.11 (b)	Direct Labor Hours Budgeted - 2009
2.11 (b)	Direct Labor Hours Budgeted - Total Hours
2.11 (c)	Direct Non-Salary Costs (In House Costs and Travel)
2.11 (d)2	Direct Non-Salary Costs (Consultant-Owned Equipment)
2.11 (d)3	Direct Non-Salary Costs (Vendor Rented Equipment)
2.11 (d)4	Direct Non-Salary Costs (Site-Dedicated Equipment)
2.11 (d)5	Direct Non-Salary Costs (Consumable Supplies)
2.11 (f)1	Unit Price Subcontracts - Chemtech
2.11 (f)2	Unit Price Subcontracts – Land, Air, Water, Environmental Services, Inc.
2.11 (f)3	Unit Price Subcontracts – Environmental Data Services, Inc.
2.11 (f)4	Unit Price Subcontracts – EnviroScan
2.11 (f)5	Unit Price Subcontracts – S_2C_2, Inc.
2.11 (f)6	Unit Price Subcontracts – NAIK Consulting Group, Inc.
2.11 (f)7	Unit Price Subcontracts – Land, Air, Water, Environmental Services, Inc.
2.11 (g)	Monthly Cost Control Report - Total Assignment
2.11 (g)	Monthly Cost Control Report - Task 1.1
2.11 (g)	Monthly Cost Control Report - Task 1.2
2.11 (g)	Monthly Cost Control Report - Task 2.1
2.11 (g)	Monthly Cost Control Report - Task 2.2
2.11 (g)	Monthly Cost Control Report - Task 3
2.11 (g)	Monthly Cost Control Report - Task 4.1
2.11 (g)	Monthly Cost Control Report - Task 4.2
2.11 (g)	Monthly Cost Control Report - Task 4.3
2.11 (g)	Monthly Cost Control Report - Task 4.4
2.11 (g)	Monthly Cost Control Report - Task 4.5
2.11 (g)	Monthly Cost Control Report - Task 5
2.11 (g)	Monthly Cost Control Report - Task 6
2.11 (h)	Monthly Cost Control Report - Summary of Labor Hours

6.2 ASSUMPTIONS

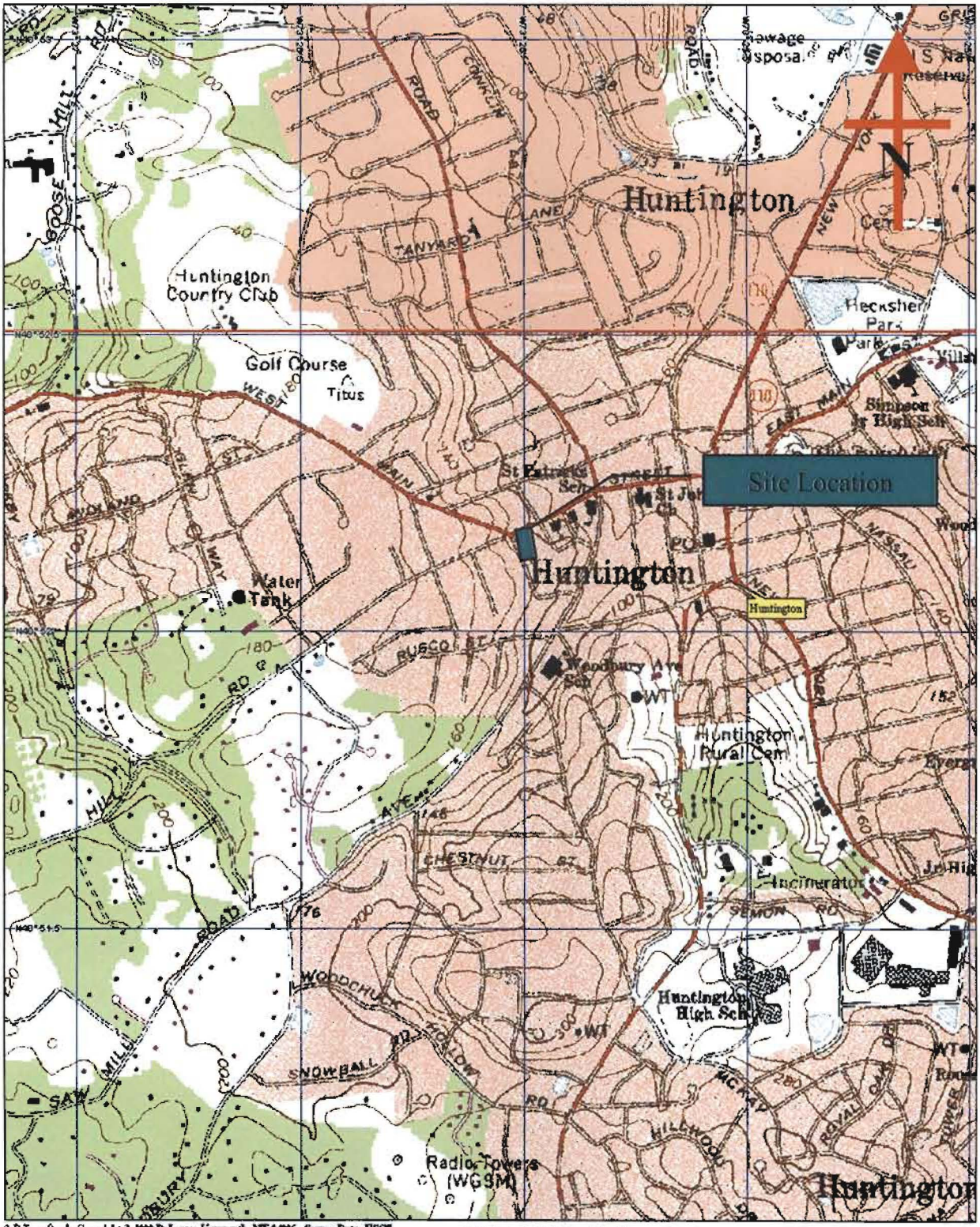
The cost present in Schedule 2.11 forms is based on the assumption stated below.

- *Task 1.1 – Draft Remedial Investigation/Feasibility Study Work Plan Development*: Includes the effort associated with preparing a Draft Work Plan, project schedule, and a detailed budget. Also includes effort associated with Earth Tech's participation in site visit on November 7, 2007 and a meeting at the NYSDEC Albany office.
- *Task 1.2 – Final Remedial Investigation/Feasibility Study Work Plan Development*: Earth Tech will prepare Final Work Plan; Dynamic Work Plan/Field Sampling Plan; Quality Assurance/Quality Control Plan (QA/QC); and Health and Safety Plan (HASP).
- *Task 2.1- Remedial Investigation Field Activities*: The cost is based on the following assumptions:
  - Earth Tech has assumed that the field work will be performed during normal working hours on weekdays;
  - Geophysical Survey – Geophysical survey will be performed to provide utility clearance of the proposed, soil, soil gas, and monitoring well locations. It is estimated that the geophysical survey will last for five 10-hour days. An Earth Tech employee will provide oversight of the geophysical survey subcontractor;
  - MIPs – It is estimated that MIPs investigation will last for seven 10-hour days. An Earth Tech employee will provide oversight of the MIPs subcontractor. A 3D model of the contamination concentration profile will be prepared. The model will be used to determine the local of hydropunch sample collection;
  - Groundwater Grab Sampling – Earth Tech has assumed that the Groundwater Grab Samples will be collected over ten10-hour days. A total of 65 groundwater samples (including 15 QA/QC sample) will be collected and sent to an off-site laboratory for VOCs analysis. The analysis will be conducted on a 12-hour turn-around-time basis;
  - Permanent Monitoring Well Installation – Earth Tech has assumed that six permanent monitoring wells to a depth of 60 ft bgs will be installed. It is estimated that the effort will last for five 10-hour days. On Earth Tech personnel will provide oversight of the installation effort.
  - Survey – It is estimated that the survey of MIPs, Groundwater Grab Sampling, and permanent monitoring well locations will be last for three 10-hour days. One Earth Tech personnel will provide oversight of the survey work
  - Permanent Monitoring Well Sampling – Two Earth Tech employees will take three 12-hour day to sample the seven (one existing and six new)

monitoring wells. A total of 11 samples (including four QA/QC samples) will be collected; and,

- NYSDEC will have access agreements in place prior to start of the Task 2.1.

- *Task 2.2- Data Validation/Usability Report*: The estimate is based on the assumption that data validation will be performed on 76 samples. The turnaround time for Data Validation/Usability Report (DUSR) is 30 days from provision of the data to the validator.
- *Task 3 –Remedial Investigation Report*: Earth Tech will prepare a Draft and Final Remedial Investigation Report.
- *Task 4.5 – Public Participation*: Earth Tech will assist the NYSDEC and the NYSDOH with the preparation of material for and the presentation of, the RI/FS data and the PRAP at the meeting
- *Task 5.1 – Reporting*: Earth Tech will submit a total of 12 monthly progress reports. The monthly progress reports will be in a letter format.
- *Task 6 – Citizen Participation Plan*: At NYSDEC's request, Earth Tech will provide information and help plan any public meeting or generate a fact sheet to be distributed to the addresses compiled



300 Broadacres Drive,
Bloomfield, New Jersey 07003

ENVIRONMENTAL/CONSULTING ENGINEERS

EARTH TECH A tyco INTERNATIONAL LTD. COMPANY	PROJECT: **REMEDIAL INVESTIGATION/FEASIBILITY STUDY** **COUNTRY CLEANERS** 410 Main Street, Huntington, New York	SITE LOCATION MAP Project No: 102656 Figure No: 1

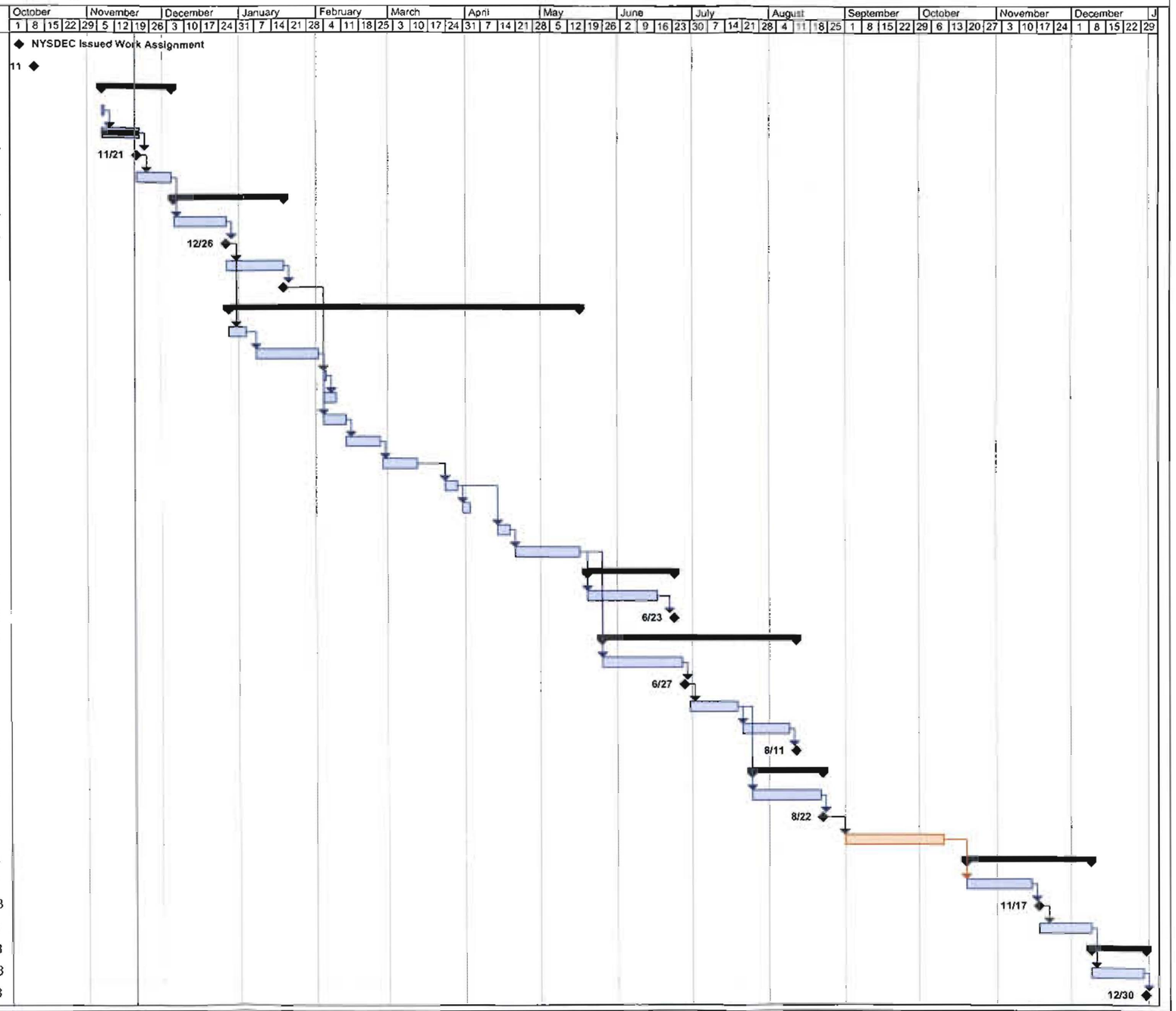
LEGENDS:

SITE BOUNDARY

PREPARED BY:	Earth Tech 300 Broadacres Drive, Bloomfield New Jersey
PREPARED FOR:	New York State Department of Environmental Conservation 625 Broadway, Albany, New York
DESIGNED BY : MKC	DESCRIPTION : SITE PLAN
CHECKED BY : AH	DATE : NOVEMBER 2007 / SCALE : AS SHOWN / DRAWING NO. : 2

Country Cleaners
Remedial Investigation/Feasibility Study
410 West Main Street, Huntington, New York
Site No. 130043H
Figure 3 - Project Schedule (Task 1 through Task 6)

ID	Task Name	Business Days	Start	Finish
1	NYSDEC Issued Work Assignment	0 days	Fri 10/5/07	Fri 10/5/07
2	Earth Tech Received Work Assignment	0 days	Thu 10/11/07	Thu 10/11/07
3	**Task 1.1 - Draft Work Plan Development**	**20 days**	**Wed 11/7/07**	**Tue 12/4/07**
4	Project Kick-Off Site Visit	1 day	Wed 11/7/07	Wed 11/7/07
5	Preparation of Draft Work Plan	11 days	Wed 11/7/07	Wed 11/21/07
6	Submit Draft Work Plan to NYSDEC	0 days	Wed 11/21/07	Wed 11/21/07
7	NYSDEC Review of Draft Work Plan	10 days	Wed 11/21/07	Tue 12/4/07
8	**Task 1.2 - Final Work Plans (HASP, FSP, and QA/QCP)**	**32 days**	**Thu 12/6/07**	**Fri 1/18/08**
9	Preparation of Final Work Plans	15 days	Thu 12/6/07	Wed 12/26/07
10	Submit Final Work Plans to NYSDEC	0 days	Wed 12/26/07	Wed 12/26/07
11	NYSDEC Review of Final Work Plans	17 days	Thu 12/27/07	Fri 1/18/08
12	Notice to Proceed	0 days	Fri 1/18/08	Fri 1/18/08
13	**Task 2.1 - Remedial Investigation Field Activities**	**101 days**	**Fri 12/28/07**	**Fri 5/16/08**
14	Obtain Ownership Information from Tax Assessor's Office	5 days	Fri 12/28/07	Thu 1/3/08
15	NYSDEC to Obtain Site Access Agreements	19 days	Tue 1/8/08	Fri 2/1/08
16	Site Kick-off Meeting with Subcontractors	1 day	Mon 2/4/08	Mon 2/4/08
17	Geophysical Survey	5 days	Mon 2/4/08	Fri 2/8/08
18	MIPs Investigation	7 days	Mon 2/4/08	Tue 2/12/08
19	MIPs Conceptual 3D Model of the site	10 days	Wed 2/13/08	Tue 2/26/08
20	Groundwater Grab Sampling	10 days	Thu 2/28/08	Wed 3/12/08
21	Install Permanent Monitoring Wells	5 days	Mon 3/24/08	Fri 3/28/08
22	Survey all Sample Collection Locations	3 days	Mon 3/31/08	Wed 4/2/08
23	Collect Groundwater Samples	5 days	Mon 4/14/08	Fri 4/18/08
24	Laboratory Analysis of the Groundwater Samples from MW	20 days	Mon 4/21/08	Fri 5/16/08
25	**Task 2.2 - Data Validation/Usability Report**	**25 days**	**Tue 5/20/08**	**Mon 6/23/08**
26	Data Validation by an Independent Party	20 days	Tue 5/20/08	Mon 6/16/08
27	Submit Data Validation/Usability Report to NYSDEC	0 days	Mon 6/23/08	Mon 6/23/08
28	**Task 3 - Remedial Investigation Report**	**56 days**	**Mon 5/26/08**	**Mon 8/11/08**
29	Preparation of Draft RI Report	24 days	Mon 5/26/08	Thu 6/26/08
30	Submit Draft RI Report to NYSDEC	0 days	Fri 6/27/08	Fri 6/27/08
31	NYSDEC Review of Draft RI Report	15 days	Mon 6/30/08	Fri 7/18/08
32	Preparation of Final RI Report	15 days	Mon 7/21/08	Fri 8/8/08
33	Submit Final RI Report to NYSDEC	0 days	Mon 8/11/08	Mon 8/11/08
34	**Task 4.1 - Development and Screening of Alternatives**	**21 days**	**Fri 7/25/08**	**Fri 8/22/08**
35	Development and Screening of Alternatives	20 days	Fri 7/25/08	Thu 8/21/08
36	Preliminary Screening of Alternatives Report to NYSDEC	0 days	Fri 8/22/08	Fri 8/22/08
37	Task 4.2 - Conduct Treatability Investigation	30 days	Mon 9/1/08	Fri 10/10/08
38	**Task 4.3 - Draft Feasibility Study Report**	**36 days**	**Mon 10/20/08**	**Mon 12/8/08**
39	Preparation of Draft FS Report	20 days	Mon 10/20/08	Fri 11/14/08
40	Submit Draft FS Report to NYSDEC	0 days	Mon 11/17/08	Mon 11/17/08
41	NYSDEC Review of Draft FS Report	15 days	Tue 11/18/08	Mon 12/8/08
42	**Task 4.4 - Final Feasibility Study Report**	**16 days**	**Tue 12/9/08**	**Tue 12/30/08**
43	Preparation of Final FS Report	15 days	Tue 12/9/08	Mon 12/29/08
44	Submit Final FS Report to NYSDEC	0 days	Tue 12/30/08	Tue 12/30/08

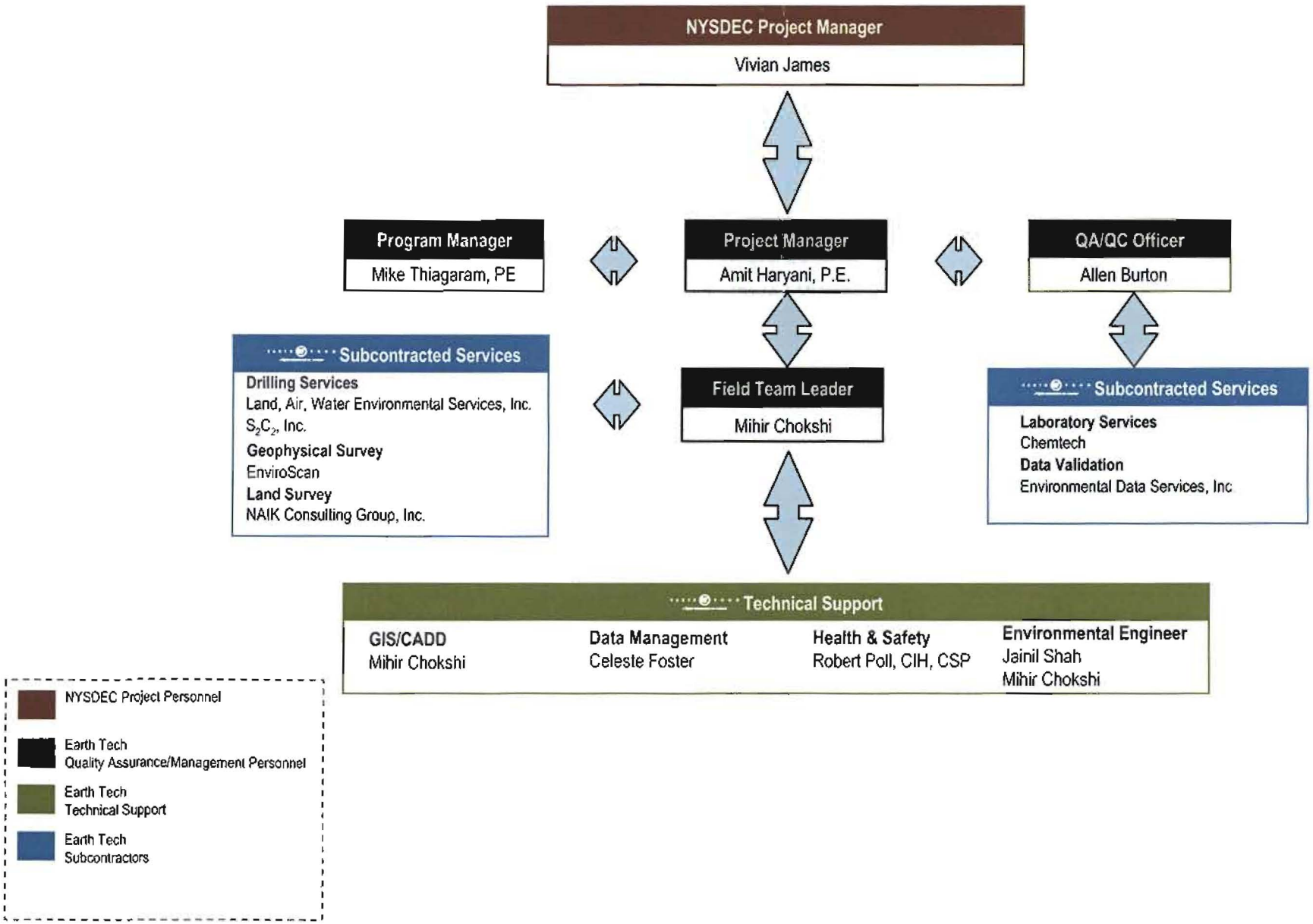


Date. Tue 11/20/07

Task | Progress | Summary | Rolled Up Critical Task | Rolled Up Progress | External Tasks
Critical Task | Milestone | Rolled Up Task | Rolled Up Milestone | Split | Project Summary

EarthTech

Figure 4
Organization Chart



Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.
TABLE 1.0
SUMMARY OF BUDGETED PROJECT COSTS

TASK	Direct Labor (a)	Indirect Costs 146.80%	Fixed Fee 10.5%	Travel & Subsistence(b)	Other Direct Costs(c)	Fixed Fee (d) Subcontractor	Sub Con Management Fee 5%	Unit Price (e) Subcontractor	TOTAL COLUMNS (1A-5)
Task 1.1 - Draft RI/FS Work Plan Development	$1,755.32	$2,576.81	$454.87	$214.25	$302.50		$0.00	$0.00	$5,303.75
Task 1.2 - Final RI/FS Work Plan Development	$5,881.78	$8,634.45	$1,524.20	$0.00	$290.00		$0.00	$0.00	$16,330.43
Task 2.1 - Remedial Investigation Field Activities	$18,399.22	$27,010.05	$4,767.97	$7,055.70	$5,208.80	$11,757.62	$7,331.27	$146,625.49	$228,156.12
Task 2.2 - Data Usability Summary Report	$819.75	$1,203.39	$212.43	$0.00	$300.00		$68.40	$1,368.00	$3,971.97
Task 3 - Remedial Investigation Report	$6,465.85	$9,491.87	$1,675.56	$0.00	$800.00		$0.00	$0.00	$18,433.28
Task 4.1 - Development and Screening of Alternatives	$3,289.72	$4,829.31	$852.50	$0.00	$130.00		$0.00	$0.00	$9,101.53
Task 4.2 - Treatability Investigation	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00	$0.00	$0.00
Task 4.3 - Draft Feasibility Study Report	$4,155.91	$6,100.88	$1,076.96	$0.00	$780.00		$0.00	$0.00	$12,113.75
Task 4.4 - Final Feasibility Study Report	$1,521.67	$2,233.81	$394.33	$0.00	$780.00		$0.00	$0.00	$4,929.81
Task 4.5 - Public Participation	$1,257.65	$1,846.23	$325.91	$71.85	$106.00		$0.00	$0.00	$3,607.64
Task 5 - Monthly Report	$1,284.85	$1,886.15	$332.95	$0.00	$0.00		$0.00	$0.00	$3,503.95
Task 6 - Citizen Participation Plan	$1,456.09	$2,137.54	$377.33	$71.85	$106.00		$0.00	$0.00	$4,148.81
Sub Con Mgmt Rules MWBE always 5% Others 5% only when >10,000									
TOTALS	$ 46,288	$ 67,950	$ 11,995	$ 7,414	$ 8,803	$ 11,758	$ 7,400	$147,993.49	$ 309,601

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(a)
SUMMARY OF WORK ASSIGNMENT PRICE

1.	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11(b)	$46,288
2.	INDIRECT COSTS (Schedule 2.10(g))	$67,950
3.	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11(c)(d)	$16,217

SUBCONTRACT COSTS
COST-PLUS-FIXED-FEE SUBCONTRACTS
(Schedule 2.10(e) and 2.11(e))

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Naik Consulting Group, P.C. (MBE)	Land Survey	$11,758
4.	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	$11,758

UNIT PRICE SUBCONTRACTS
(Schedule 2.10(f) and 2.11(f))

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Chemtech (MBE)	Laboratory services	$19,540
Land, Air, Water Environmental Services (WBE)	Drilling Services	$77,460
Environmental Data Services, Inc. (WBE)	Data Validation	$1,368
Enviroscan, Inc. (WBE)	Geophysical Survey	$11,800
S2C2, Inc.	MIPs	$37,825
Subcontract mgmt fee by Rule		$7,400
5.	TOTAL UNIT PRICE SUBCONTRACTS	$155,393
6.	TOTAL SUBCONTRACT COSTS (Lines 4 + 5)	$167,151
7.	FIXED FEE (Schedule 2.10(h))	$11,995
8.	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2+ 3+ 6 + 7)	$309,601

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.

SCHEDULE 2.11(b-1)

TOTAL DIRECT ADMINISTRATIVE LABOR HOURS BUDGETED

LABOR CLASSIFICATION RAW LABOR RATE	IX	VIII	VII	VI	V	IV	III	II	I	LABOR HOURS	DIRECT LABOR
Task 1.1 - Draft RI/FS Work Plan Development	1.00					1.00				2.00	$94.03
Task 1.2 - Final RI/FS Work Plan Development	4.00					4.00				8.00	$376.12
Task 2.1 - Remedial Investigation Field Activities	4.00					6.00				10.00	$449.95
Task 2.2 - Data Usability Summary Report	1.00					1.00				2.00	$96.85
Task 3 - Remedial Investigation Report	1.00					2.00				3.00	$128.12
Task 4.1 - Development and Screening of Alternatives	4.00					1.00				5.00	$293.59
Task 4.2 - Treatability Investigation											
Task 4.3 - Draft Feasibility Study Report	2.00					2.00				4.00	$193.70
Task 4.4 - Final Feasibility Study Report	2.00					2.00				4.00	$193.70
Task 4.5 - Public Participation	2.00					2.00				4.00	$193.70
Task 5 - Monthly Report	2.00					6.00				8.00	$318.79
Task 6 - Citizen Participation Plan	2.00					2.00				4.00	$193.70
TOTAL LABOR HOURS	**25.00**					**29.00**				**54.00**	**$2,532.25**

Subject to contract allowability, project adminsitrative hours would include but not necessarily be limited to the following activites:

1. Work Plan Development
   - Conflict of Interest Check
   - Develop budget schedules and supporting documentation
2. Review work assignment (WA) progress
   - Conduct progress reviews
   - Prepare monthly project report and update WA progess schedule
   - M/WBE Activities
   - Program Management
   - Manage Subcontracts
3. CAP Preparation
   - Prepare monthly cost control report and CAP
   - Oversee CAP preparation
4. Miscellaneous
   - NSPE List Updates
   - Equipment use and inventory
   - Word Processing and Report Preparation

Contract/Project administration hours would not include activities such as:

1. QA/QC reviews
2. Technical oversight by management
3. Develop subcontracts
4. Work plan development (other than COI and budget preparation)
5. Review of deliverables

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaner
Project No: 10265
Date Prepared: 11/21/0

EARTH TECH NORTHEAST, INC.
NSPE
SCHEDULE 2.11(b)
DIRECT LABOR HOURS BUDGETED
2006

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX $61.62	VIII $60.23	VII $47.70	VI $40.48	V $36.15	IV $29.37	III $26.32	II $23.24	I $16.01	LABOR HOURS	DIRECT LABOR
Task 1.1 - Draft RI/FS Work Plan Development										0.00	$0.00
Task 1.2 - Final RI/FS Work Plan Development										0.00	$0.00
Task 2.1 - Remedial Investigation Field Activities										0.00	$0.00
Task 2.2 - Data Usability Summary Report										0.00	$0.00
Task 3 - Remedial Investigation Report										0.00	$0.00
Task 4.1 - Development and Screening of Alternatives										0.00	$0.00
Task 4.2 - Treatability Investigation										0.00	$0.00
Task 4.3 - Draft Feasibility Study Report										0.00	$0.00
Task 4.4 - Final Feasibility Study Report										0.00	$0.00
Task 4.5 - Public Participation										0.00	$0.00
Task 5 - Monthly Report										0.00	$0.00
Task 6 - Citizen Participation Plan										0.00	$0.00
											$0.00
											$0.00
											$0.00
TOTAL LABOR HOURS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$0.00
TOTAL LABOR DOLLARS	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaner
Project No: 10265
Date Prepared: 11/21/0

EARTH TECH NORTHEAST, INC.
NSPE
SCHEDULE 2.11(b)
DIRECT LABOR HOURS BUDGETED
2007

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX $63.67	VIII $62.25	VII $49.60	VI $41.84	V $37.36	IV $30.36	III $27.20	II $24.02	I $16.55	LABOR HOURS	DIRECT LABOR
Task 1.1 - Draft RI/FS Work Plan Development	1.00	2.00			24.00			24.00		51.00	$1,661.29
Task 1.2 - Final RI/FS Work Plan Development	2.00	8.00			52.00		108.00			170.00	$5,505.66
Task 2.1 - Remedial Investigation Field Activities										0.00	$0.00
Task 2.2 - Data Usability Summary Report										0.00	$0.00
Task 3 - Remedial Investigation Report										0.00	$0.00
Task 4.1 - Development and Screening of Alternatives										0.00	$0.00
Task 4.2 - Treatability Investigation										0.00	$0.00
Task 4.3 - Draft Feasibility Study Report										0.00	$0.00
Task 4.4 - Final Feasibility Study Report										0.00	$0.00
Task 4.5 - Public Participation										0.00	$0.00
Task 5 - Monthly Report										0.00	$0.00
Task 6 - Citizen Participation Plan										0.00	$0.00
											$0.00
											$0.00
											$0.00
TOTAL LABOR HOURS	3.00	10.00	0.00	0.00	76.00	0.00	108.00	24.00	0.00	221.00	$7,166.95
TOTAL LABOR DOLLARS	$191.01	$622.50	$0.00	$0.00	$2,839.36	$0.00	$2,937.60	$576.48	$0.00		$7,166.95

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaner
Project No: 10265
Date Prepared: 11/21/0

EARTH TECH NORTHEAST, INC.
NSPE
SCHEDULE 2.11(b)
DIRECT LABOR HOURS BUDGETED
2008

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX $65.58	VIII $64.12	VII $51.09	VI $43.10	V $38.48	IV $31.27	III $28.02	II $24.74	I $17.05	LABOR HOURS	DIRECT LABOR
Task 1.1 - Draft RI/FS Work Plan Development										0.00	$0.00
Task 1.2 - Final RI/FS Work Plan Development										0.00	$0.00
Task 2.1 - Remedial Investigation Field Activities	8.00	36.00			90.00		340.00	86.00		560.00	$17,949.27
Task 2.2 - Data Usability Summary Report		8.00			4.00		2.00			14.00	$722.90
Task 3 - Remedial Investigation Report	4.00	6.00			48.00		116.00	24.00		198.00	$6,337.73
Task 4.1 - Development and Screening of Alternatives	2.00	8.00			32.00		40.00			82.00	$2,996.13
Task 4.2 - Treatability Investigation										0.00	$0.00
Task 4.3 - Draft Feasibility Study Report	3.00	12.00			40.00		52.00			107.00	$3,962.21
Task 4.4 - Final Feasibility Study Report	1.00	2.00			12.00		24.00			39.00	$1,327.97
Task 4.5 - Public Participation					16.00		16.00			32.00	$1,063.95
Task 5 - Monthly Report					12.00		18.00			30.00	$966.06
Task 6 - Citizen Participation Plan		2.00			12.00		24.00			38.00	$1,262.39
TOTAL LABOR HOURS	18.00	74.00	0.00	0.00	286.00	0.00	632.00	110.00	0.00	1100.00	$36,588.61
TOTAL LABOR DOLLARS	$1,180.44	$4,744.70	$0.00	$0.00	$10,235.89	$0.00	$17,706.11	$2,721.47	$0.00		$36,588.61

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.
NSPE
SCHEDULE 2.11(b)
DIRECT LABOR HOURS BUDGETED
2009

LABOR CLASSIFICATION AVERAGE RAW LABOR RATE	IX $67.55	VIII $66.04	VII $52.62	VI $44.39	V $39.64	IV $32.21	III $28.86	II $25.48	I $17.56	LABOR HOURS	DIRECT LABOR
Task 1.1 - Draft RI/FS Work Plan Development										0.00	$0.00
Task 1.2 - Final RI/FS Work Plan Development										0.00	$0.00
Task 2.1 - Remedial Investigation Field Activities										0.00	$0.00
Task 2.2 - Data Usability Summary Report										0.00	$0.00
Task 3 - Remedial Investigation Report										0.00	$0.00
Task 4.1 - Development and Screening of Alternatives										0.00	$0.00
Task 4.2 - Treatability Investigation										0.00	$0.00
Task 4.3 - Draft Feasibility Study Report										0.00	$0.00
Task 4.4 - Final Feasibility Study Report										0.00	$0.00
Task 4.5 - Public Participation										0.00	$0.00
Task 5 - Monthly Report										0.00	$0.00
Task 6 - Citizen Participation Plan										0.00	$0.00
TOTAL LABOR HOURS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$0.00
TOTAL LABOR DOLLARS	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		$0.00

Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Project No: 10265
Date Prepared: 11/21/0

EARTH TECH NORTHEAST, INC.
NSPE
SCHEDULE 2.11(b)
DIRECT LABOR HOURS BUDGETED
TOTAL

LABOR CLASSIFICATION	IX	VIII	VII	VI	V	IV	III	II	I	LABOR HOURS	DIRECT LABOR
Task 1.1 - Draft RI/FS Work Plan Development	1.00	2.00	0.00	0.00	24.00	0.00	0.00	24.00	0.00	51.00	$1,661.29
Task 1.2 - Final RI/FS Work Plan Development	2.00	8.00	0.00	0.00	52.00	0.00	108.00	0.00	0.00	170.00	$5,505.66
Task 2.1 - Remedial Investigation Field Activities	8.00	36.00	0.00	0.00	90.00	0.00	340.00	86.00	0.00	560.00	$17,949.27
Task 2.2 - Data Usability Summary Report	0.00	8.00	0.00	0.00	4.00	0.00	2.00	0.00	0.00	14.00	$722.90
Task 3 - Remedial Investigation Report	4.00	6.00	0.00	0.00	48.00	0.00	116.00	24.00	0.00	198.00	$6,337.73
Task 4.1 - Development and Screening of Alternatives	2.00	8.00	0.00	0.00	32.00	0.00	40.00	0.00	0.00	82.00	$2,996.13
Task 4.2 - Treatability Investigation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	$0.00
Task 4.3 - Draft Feasibility Study Report	3.00	12.00	0.00	0.00	40.00	0.00	52.00	0.00	0.00	107.00	$3,962.21
Task 4.4 - Final Feasibility Study Report	1.00	2.00	0.00	0.00	12.00	0.00	24.00	0.00	0.00	39.00	$1,327.97
Task 4.5 - Public Participation	0.00	0.00	0.00	0.00	16.00	0.00	16.00	0.00	0.00	32.00	$1,063.95
Task 5 - Monthly Report	0.00	0.00	0.00	0.00	12.00	0.00	18.00	0.00	0.00	30.00	$968.06
Task 6 - Citizen Participation Plan	0.00	2.00	0.00	0.00	12.00	0.00	24.00	0.00	0.00	38.00	$1,262.39
TOTAL LABOR HOURS	21.00	84.00	0.00	0.00	342.00	0.00	740.00	134.00	0.00	1321.00	$43,755.56
TOTAL LABOR DOLLARS	$1,371.45	$5,367.20	$0.00	$0.00	$13,075.25	$0.00	$20,643.71	$3,297.95	$0.00		$43,755.56

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(c)
DIRECT NON-SALARY COSTS

ITEM	MAXIMUM REIMBURSEMENT RATE	UNIT	ESTIMATED NUMBER OF UNITS	TOTAL ESTIMATED COST
In House Costs (ODC)				
Task 1.1 - Draft RI/FS Work Plan Development				
Printing B&W Cost (8.5 x 11)	$0.03	Page	3000	$90.00
Printing Color Cost (11 x 17)	$1.00	Page	200	$200.00
Task 1.2 - Final RI/FS Work Plan Development				
Printing B&W Cost (8.5 x 11)	$0.03	Page	3000	$90.00
Printing Color Cost (11 x 17)	$1.00	Page	200	$200.00
Task 2.1 - Remedial Investigation Field Activities				
Level D Equipment	$15.00	Day	28	$420.00
Low Value Equipment	$0.80	Hr	316	$252.80
Task 2.2 - Data Usability Summary Report				
Printing B&W Cost (8.5 x 11)	$0.03	Page	10000	$300.00
Task 3 - Remedial Investigation Report				
Printing B&W Cost (8.5 x 11)	$0.03	Page	10000	$300.00
Printing Color Cost (11 x 17)	$1.00	Page	500	$500.00
Task 4.1 - Development and Screening of Alternatives				
Printing B&W Cost (8.5 x 11)	$0.03	Page	1000	$30.00
Printing Color Cost (11 x 17)	$1.00	Page	100	$100.00
Task 4.2 - Treatability Investigation				
Printing B&W Cost (8.5 x 11)	$0.03	Page		$0.00
Printing Color Cost (11 x 17)	$1.00	Page		$0.00
Task 4.3 - Draft Feasibility Study Report				
Printing B&W Cost (8.5 x 11)	$0.03	Page	6000	$180.00
Printing Color Cost (11 x 17)	$1.00	Page	600	$600.00
Task 4.4 - Final Feasibility Study Report				
Printing B&W Cost (8.5 x 11)	$0.03	Page	6000	$180.00
Printing Color Cost (11 x 17)	$1.00	Page	600	$600.00
Task 4.5 - Public Participation				
Printing B&W Cost (8.5 x 11)	$0.03	Page	200	$6.00
Printing Color Cost (11 x 17)	$1.00	Page	100	$100.00
Task 5 - Monthly Report				
Printing B&W Cost (8.5 x 11)	$0.03	Page		$0.00
Printing Color Cost (11 x 17)	$1.00	Page		$0.00
Task 6 - Citizen Participation Plan				
Printing B&W Cost (8.5 x 11)	$0.03	Page	200	$6.00
Printing Color Cost (11 x 17)	$1.00	Page	100	$100.00
			Total:	**$4,254.80**

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(c)
DIRECT NON-SALARY COSTS

ITEM	MAXIMUM REIMBURSEMENT RATE	UNIT	ESTIMATED NUMBER OF UNITS	TOTAL ESTIMATED COST
Truck Mileage/Tolls				
Task 1.1 - Draft RI/FS Work Plan Development				
Mileage	$0.45	Miles	450	$200.25
Toll	$14.00	Trip	1	$14.00
Task 1.2 - Final RI/FS Work Plan Development				
Task 2.1 - Remedial Investigation Field Activities				
Mileage	$0.45	Miles	1260	$560.70
Van Rental	$110.00	Day	4	$440.00
Gas For Van	$0.30	Miles	160	$48.00
Toll	$14.00	Trip	8	$112.00
Per Diem (Lodging)	$159.00	Day	25	$3,975.00
Per Diem (Food)	$64.00	Day	30	$1,920.00
Task 2.2 - Data Usability Summary Report				$0.00
Task 3 - Remedial Investigation Report				$0.00
Task 4.1 - Development and Screening of Alternatives				$0.00
Task 4.2 - Treatability Investigation				$0.00
Task 4.3 - Draft Feasibility Study Report				$0.00
Task 4.4 - Final Feasibility Study Report				$0.00
Task 4.5 - Public Participation				
Mileage	$0.45	Miles	130	$57.85
Toll	$14.00	Trip	1	$14.00
Task 5 - Monthly Report				$0.00
Task 6 - Citizen Participation Plan				
Mileage	$0.45	Miles	130	$57.85
Toll	$14.00	Trip	1	$14.00
			Total:	**$7,413.65**

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(d)2
MAXIMUM REIMBURSEMENT RATES FOR
CONSULTANT/SUBCONSULTANT-OWNED EQUIPMENT

ITEM	PURCHASE PRICE (x 85%)	USAGE RATE ($/Unit of Time)	ESTIMATED USAGE (Unit of Time)	ESTIMATED USAGE COST
ODC				
Task 1.1 - Draft RI/FS Work Plan Development				$0.00
Task 1.2 - Final RI/FS Work Plan Development				$0.00
Task 2.1 - Remedial Investigation Field Activities				$0.00
Task 2.2 - Data Usability Summary Report				$0.00
Task 3 - Remedial Investigation Report				$0.00
Task 4.1 - Development and Screening of Alternatives				$0.00
Task 4.2 - Treatability Investigation				$0.00
Task 4.3 - Draft Feasibility Study Report				$0.00
Task 4.4 - Final Feasibility Study Report				$0.00
Task 4.5 - Public Participation				$0.00
Task 6 - Citizen Participation Plan				$0.00
			Total:	**$0.00**

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH OF NEW YORK, INC.
SCHEDULE 2.11(d)3
Vendor Rented Equipment

ITEM	ESTIMATED QUANTITY	UNIT COST	TOTAL BUDGET COST
ODC			
Task 1.1 - Draft RI/FS Work Plan Development			$0.00
Task 1.2 - Final RI/FS Work Plan Development			
Task 2.1 - Remedial Investigation Field Activities			
HNu Meter	23	$65.00	$1,495.00
Water Level Indicator	20	$20.00	$400.00
Horiba U-22 Flow through Cell	5	$100.00	$500.00
Grundfos Pump	4	$125.00	$500.00
Honda Generator	4	$50.00	$200.00
Teflon Bailers	7	$190.00	$1,330.00
Task 2.2 - Data Usability Summary Report			$0.00
Task 3 - Remedial Investigation Report			$0.00
Task 4.1 - Development and Screening of Alternatives			$0.00
Task 4.2 - Treatability Investigation			$0.00
Task 4.3 - Draft Feasibility Study Report			$0.00
Task 4.4 - Final Feasibility Study Report			$0.00
Task 4.5 - Public Participation			$0.00
Task 5 - Monthly Report			$0.00
Task 6 - Citizen Participation Plan			$0.00
		Total:	**$4,425.00**

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(d)4
SITE-DEDICATED EQUIPMENT

ITEM	ESTIMATED QUANTITY	UNIT COST	TOTAL BUDGET COST
ODC			
Task 1.1 - Draft RI/FS Work Plan Development			$0.00
Task 1.2 - Final RI/FS Work Plan Development			$0.00
Task 2.1 - Remedial Investigation Field Activities Field Notebook	1	$11.00	$11.00
Task 2.2 - Data Usability Summary Report			$0.00
Task 3 - Remedial Investigation Report			$0.00
Task 4.1 - Development and Screening of Alternatives			$0.00
Task 4.2 - Treatability Investigation			$0.00
Task 4.3 - Draft Feasibility Study Report			$0.00
Task 4.4 - Final Feasibility Study Report			$0.00
Task 4.5 - Public Participation			$0.00
Task 5 - Monthly Report			$0.00
Task 6 - Citizen Participation Plan			$0.00
		Total:	**$11.00**

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(d)5
CONSUMABLE SUPPLIES

ITEM	ESTIMATED QUANTITY	UNIT COST	TOTAL BUDGET COST
ODC			
Supplies			
Task 1.1 - Draft RI/FS Work Plan Development			$0.00
Task 1.2 - Final RI/FS Work Plan Development			$0.00
Task 2.1 - Remedial Investigation Field Activities			$0.00
Task 2.2 - Data Usability Summary Report			$0.00
Task 3 - Remedial Investigation Report			$0.00
Task 4.1 - Development and Screening of Alternatives			$0.00
Task 4.2 - Treatability Investigation			$0.00
Task 4.3 - Draft Feasibility Study Report			$0.00
Task 4.4 - Final Feasibility Study Report			$0.00
Task 4.5 - Public Participation			$0.00
Task 5 - Monthly Report			$0.00
Task 6 - Citizen Participation Plan			$0.00

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(d)5
CONSUMABLE SUPPLIES

ITEM	ESTIMATED QUANTITY	UNIT COST	TOTAL BUDGET COST
ODC			
Services			
Task 1.1 - Draft RI/FS Work Plan Development			
Phone	0.25	$50.00	$12.50
Task 1.2 - Final RI/FS Work Plan Development			$0.00
Task 2.1 - Remedial Investigation Field Activities			
Phone	2.00	$50.00	$100.00
Task 2.2 - Data Usability Summary Report			$0.00
Task 3 - Remedial Investigation Report			$0.00
Task 4.1 - Development and Screening of Alternatives			$0.00
Task 4.2 - Treatability Investigation			$0.00
Task 4.3 - Draft Feasibility Study Report			$0.00
Task 4.4 - Final Feasibility Study Report			$0.00
Task 4.5 - Public Participation			$0.00
Task 5 - Monthly Report			$0.00
Task 6 - Citizen Participation Plan			$0.00
			$0.00
		Total:	**$112.50**

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaner
Project No: 10265
Date Prepared: 11/21/0

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(e)1
COST-PLUS-FIXED-FEE PRICE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	SUBCONTRACT PRICE
Naik Consulting Group, P.C. (MBE)	Land Survey	**$11,757.62**

A. Direct Salary Costs

	Labor Classification	Average Reimbursement Rate ($/Hr)	Estimated No. of Hours	Total Estimated Direct Salary Cost
Task 2.1 - Remedial Investigation Field Activities		2008		
	Project Manager	$45.00	7	$315.00
	QA/QC Engr.	$40.00	3	$120.00
	Project Surveyor	$40.00	11	$440.00
	CADD Manager	$29.00	15	$435.00
	Party Chief	$28.75	40	$1,150.00
	CADD Tech.	$26.00	30	$780.00
	Instrument Tech.	$24.11	40	$964.40
	Subtotal:		**146**	**$4,204.40**

B. Indirect Costs

Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum of 131% or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.

Amount budgeted for indirect costs is **$5,507.76** 131.00% of Direct Salary

C. Maximum Reimbursement Rates for Direct Non-Salary Costs

Item	Unit Pricce	Estimate No. of Units	Unit	Total Estimated
Supplemental Benefit Differential Field Survey personnel	$580.00	1	ea	$580.00
Parking and Tolls	$300.00	1	ea	$300.00
	Subtotal:			**$880.00**

D. Fixed Fee 12%

The fixed fee is **$1,185.46**

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(f)1
UNIT PRICE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	WMBE Mngnt Fee	MWBE Flag (Y=1, N=0)	SUBCONTRACT PRICE
Chemtech (MBE)	Laboratory services	$977.00	1	$19,540.00

Item	Maximum Reimbursement Rate (Specify Unit)	Estimated No. of Units	MWBE Mngnt Fee 5%	Total Estimated Costs
Task 1.1 - Draft RI/FS Work Plan Development			$0.00	$0.00
Task 2.1 - Remedial Investigation Field Activities				
VOCs Analysis (200% Surcharge)	$270.00 per sample	65	$877.50	$17,550.00
Pick-up Charges	$100.00 per trip	10	$50.00	$1,000.00
VOCs Analysis (Monitoring Wells)	$90.00 per sample	11	$49.50	$990.00
Task 4.1 - Development and Screening of Alternatives			$0.00	$0.00
Task 4.3 - Draft Feasibility Study Report			$0.00	$0.00
Task 4.5 - Public Participation			$0.00	$0.00
Task 6 - Citizen Participation Plan			$0.00	$0.00
Sub Con Mgmt Rules MWBE always 5% Others 5% only when >10,000			$977.00	$19,540.00

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(f)2
UNIT PRICE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	WMBE Mngnt Fee	MWBE Flag (Y=1, N=0)	SUBCONTRACT PRICE
Land, Air, Water Environmental Services (WBE)	Drilling Services	$3,873.02	1	$77,460.49

Item	Maximum Reimbursement Rate (Specify Unit)		Estimated No. of Units	MWBE Mngnt Fee 5%	Total Estimated Costs
Task 1.1 - Draft RI/FS Work Plan Development					
Task 2.1 - Remedial Investigation Field Activities					
Groundwater Grab Sampling				$0.00	$0.00
Mobilization/Demobilization	$500.00	LS	1	$25.00	$500.00
Rig &Crew upto 8 hours	$2,100.00	Day	10	$1,050.00	$21,000.00
Hydropunch expendables points and screens	$225.00	Each	30	$337.50	$6,750.00
Temporary Decon Pad	$300.00	Each	1	$15.00	$300.00
DOT 17H drums	$65.00	Each	20	$65.00	$1,300.00
Grouting Borings	$20.00	Ft	1200	$1,200.00	$24,000.00
Asphalt/Concrete Patch	$35.00	Bag	10	$17.50	$350.00
Suffolk County Sales Tax (8.625%)	$3,251.63	LS	1	$233.74	$4,674.75
Permanent Monitoring Well Installation				$0.00	$0.00
Mobilization/Demobilization	$300.00	LS	1	$15.00	$300.00
Rig &Crew upto 8 hours	$2,100.00	Day	3	$315.00	$6,300.00
Well Development (1 Day)	$1,750.00	Day	1	$87.50	$1,750.00
Monitoring Wells (2" x 60')	$1,150.00	Each	6	$345.00	$6,900.00
Temporary Decon Pad	$300.00	Each	1	$15.00	$300.00
DOT 17H drums	$65.00	Each	24	$78.00	$1,560.00
Suffolk County Sales Tax (8.625%)	$1,475.74	LS	1	$73.79	$1,475.74
Task 4.1 - Development and Screening of Alternatives					
Task 4.3 - Draft Feasibility Study Report					
Task 4.5 - Public Participation					
Task 6 - Citizen Participation Plan					
				$0.00	$0.00
Sub Con Mgmt Rules					
MWBE always 5%					
Others 5% only when >10,000				$3,873.02	$77,460.49

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(f)3
UNIT PRICE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	WMBE Mngnt Fee	MWBE Flag (Y=1, N=0)	SUBCONTRACT PRICE
Environmental Data Services, Inc. (WBE)	Data Validation	$68.40	1	$1,368.00

Item	Maximum Reimbursement Rate (Specify Unit)	Estimated No. of Units	MWBE Mngnt Fee 5%	Total Estimated Costs
Task 1.1 - Draft RI/FS Work Plan Development			$0.00	$0.00
Task 2.1 - Remedial Investigation Field Activities			$0.00	$0.00
Task 2.2 - Data Usability Summary Report Data Validation	$18.00 per sample	76	$68.40	$1,368.00
Task 4.1 - Development and Screening of Alternatives			$0.00	$0.00
Task 4.3 - Draft Feasibility Study Report			$0.00	$0.00
Task 6 - Citizen Participation Plan			$0.00	$0.00
Sub Con Mgmt Rules MWBE always 5% Others 5% only when > 10,000			$68.40	$1,368.00

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(f)4
UNIT PRICE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	WMBE Mngnt Fee	MWBE Flag (Y=1, N=0)	SUBCONTRACT PRICE
Enviroscan, Inc. (WBE)	Geophysical Survey	$590.00	1	$11,800.00

Item	Maximum Reimbursement Rate (Specify Unit)	Estimated No. of Units	MWBE Mngnt Fee 5%	Total Estimated Costs
Task 1.1 - Draft RI/FS Work Plan Development			$0.00	$0.00
Task 2.1 - Remedial Investigation Field Activities				
Mobilization/Demobilization	$1,180.00 LS	1	$59.00	$1,180.00
Field Survey	$1,660.00 Day	5	$415.00	$8,300.00
Survey Report (First Day)	$760.00 Day	1	$38.00	$760.00
Survey Report (Additional Days)	$390.00 Day	4	$78.00	$1,560.00
Task 4.1 - Development and Screening of Alternatives			$0.00	$0.00
Task 4.3 - Draft Feasibility Study Report			$0.00	$0.00
Task 4.5 - Public Participation			$0.00	$0.00
Task 6 - Citizen Participation Plan			$0.00	$0.00
Sub Con Mgmt Rules MWBE always 5% Others 5% only when >10,000			$590.00	$11,800.00

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

EARTH TECH NORTHEAST, INC.
SCHEDULE 2.11(f)5
UNIT PRICE SUBCONTRACTS

NAME OF SUBCONTRACTOR	SERVICES TO BE PERFORMED	WMBE Mngnt Fee	MWBE Flag (Y=1, N=0)	SUBCONTRACT PRICE
S2C2, Inc.	MIPs	$1,891.25	1	$37,825.00

Item	Maximum Reimbursement Rate (Specify Unit)		Estimated No. of Units	MWBE Mngnt Fee 5%	Total Estimated Costs
Task 1.1 - Draft RI/FS Work Plan Development				$0.00	$0.00
Task 2.1 - Remedial Investigation Field Activities					
Mobilization/Demobilization	$750.00	LS	1	$37.50	$750.00
Per Diem (2 People)	$350.00	Day	7	$122.50	$2,450.00
Direct Push Unit with Operator and Chemist	$3,000.00	Day	7	$1,050.00	$21,000.00
Direct Sensing Footage	$4.00	Ft	1400	$280.00	$5,600.00
Membrane Replacement Charge	$125.00	Membrane	14	$87.50	$1,750.00
Bentonite/Concrete/Blacktop	$18.00	Bag	25	$22.50	$450.00
3D Modelling with GPS Survey	$2,250.00	LS	1.5	$168.75	$3,375.00
Tremmie Grouting	$1.75	Ft	1400	$122.50	$2,450.00
Task 4.1 - Development and Screening of Alternatives				$0.00	$0.00
Task 4.3 - Draft Feasibility Study Report				$0.00	$0.00
Task 4.5 - Public Participation				$0.00	$0.00
Task 6 - Citizen Participation Plan				$0.00	$0.00
Sub Con Mgmt Rules MWBE always 5% Others 5% only when >10,000				$1,891.25	$37,825.00

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Total Assignment

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$46,287.81	
2 Indirect Costs (146.8%)							$67,950.49	
3 Subtotal Direct Salary Costs and Indirect Costs							$114,238.30	
4 Travel							$7,413.65	
5 Other Non-Salary Costs							$8,803.30	
6 Subtotal Direct Non-Salary Costs							$16,216.95	
7 Subcontractors							$159,751.11	
8 Total Work Assignment Cost							$290,206.36	
9 Fixed Fee (10.5%)							$11,995.01	
9A Subcon. Mgmt. Fee							$7,399.67	
10 Total Work Assignment Price							**$309,601.05**	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Task 1.1 - Draft RI/FS Work Plan Development

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$1,755.32	
2 Indirect Costs (146.8%)							$2,576.81	
3 Subtotal Direct Salary Costs and Indirect Costs							$4,332.13	
4 Travel							$214.25	
5 Other Non-Salary Costs							$302.50	
6 Subtotal Direct Non-Salary Costs							$516.75	
7 Subcontractors							$0.00	
8 Total Work Assignment Cost							$4,848.88	
9 Fixed Fee (10.5%)							$454.87	
9A Subcon. Mgmt. Fee							$0.00	
10 Total Work Assignment Price							**$5,303.75**	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Task 1.2 - Final RI/FS Work Plan Development

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$5,881.78	
2 Indirect Costs (146.8%)							$8,634.45	
3 Subtotal Direct Salary Costs and Indirect Costs							$14,516.23	
4 Travel							$0.00	
5 Other Non-Salary Costs							$290.00	
6 Subtotal Direct Non-Salary Costs							$290.00	
7 Subcontractors							$0.00	
8 Total Work Assignment Cost							$14,806.23	
9 Fixed Fee (10.5%)							$1,524.20	
9A Subcon. Mgmt. Fee							$0.00	
10 Total Work Assignment Price							**$16,330.43**	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Task 2.1 - Remedial Investigation Field Activities

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$18,399.22	
2 Indirect Costs (146.8%)							$27,010.05	
3 Subtotal Direct Salary Costs and Indirect Costs							$45,409.27	
4 Travel							$7,055.70	
5 Other Non-Salary Costs							$5,208.80	
6 Subtotal Direct Non-Salary Costs							$12,264.50	
7 Subcontractors							$158,383.11	
8 Total Work Assignment Cost							$216,056.88	
9 Fixed Fee (10.5%)							$4,767.97	
9A Subcon. Mgmt. Fee							$7,331.27	
10 Total Work Assignment Price							**$228,156.12**	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Task 2.2 - Data Usability Summary Report

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$819.75	
2 Indirect Costs (146.8%)							$1,203.39	
3 Subtotal Direct Salary Costs and Indirect Costs							$2,023.14	
4 Travel							$0.00	
5 Other Non-Salary Costs							$300.00	
6 Subtotal Direct Non-Salary Costs							$300.00	
7 Subcontractors							$1,368.00	
8 Total Work Assignment Cost							$3,691.14	
9 Fixed Fee (10.5%)							$212.43	
9A Subcon. Mgmt. Fee							$68.40	
10 Total Work Assignment Price							$3,971.97	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Task 3 - Remedial Investigation Report

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$6,465.85	
2 Indirect Costs (146.8%)							$9,491.87	
3 Subtotal Direct Salary Costs and Indirect Costs							$15,957.72	
4 Travel							$0.00	
5 Other Non-Salary Costs							$800.00	
6 Subtotal Direct Non-Salary Costs							$800.00	
7 Subcontractors							$0.00	
8 Total Work Assignment Cost							$16,757.72	
9 Fixed Fee (10.5%)							$1,675.56	
9A Subcon. Mgmt. Fee								
10 Total Work Assignment Price							**$18,433.28**	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Task 4.1 - Development and Screening of Alternatives

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$3,289.72	
2 Indirect Costs (146.8%)							$4,829.31	
3 Subtotal Direct Salary Costs and Indirect Costs							$8,119.03	
4 Travel							$0.00	
5 Other Non-Salary Costs							$130.00	
6 Subtotal Direct Non-Salary Costs							$130.00	
7 Subcontractors							$0.00	
8 Total Work Assignment Cost							$8,249.03	
9 Fixed Fee (10.5%)							$852.50	
9A Subcon. Mgmt. Fee								
10 Total Work Assignment Price							$9,101.53	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Task 4.2 - Treatability Investigation

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$0.00	
2 Indirect Costs (146.8%)							$0.00	
3 Subtotal Direct Salary Costs and Indirect Costs							$0.00	
4 Travel							$0.00	
5 Other Non-Salary Costs							$0.00	
6 Subtotal Direct Non-Salary Costs							$0.00	
7 Subcontractors							$0.00	
8 Total Work Assignment Cost							$0.00	
9 Fixed Fee (10.5%)							$0.00	
9A Subcon. Mgmt. Fee							$0.00	
10 Total Work Assignment Price							**$0.00**	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Task 4.3 - Draft Feasibility Study Report

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$4,155.91	
2 Indirect Costs (146.8%)							$6,100.88	
3 Subtotal Direct Salary Costs and Indirect Costs							$10,256.79	
4 Travel							$0.00	
5 Other Non-Salary Costs							$780.00	
6 Subtotal Direct Non-Salary Costs							$780.00	
7 Subcontractors							$0.00	
8 Total Work Assignment Cost							$11,036.79	
9 Fixed Fee (10.5%)							$1,076.96	
9A Subcon. Mgmt. Fee							$0.00	
10 Total Work Assignment Price							**$12,113.75**	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Task 4.4 - Final Feasibility Study Report

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$1,521.67	
2 Indirect Costs (146.8%)							$2,233.81	
3 Subtotal Direct Salary Costs and Indirect Costs							$3,755.48	
4 Travel							$0.00	
5 Other Non-Salary Costs							$780.00	
6 Subtotal Direct Non-Salary Costs							$780.00	
7 Subcontractors							$0.00	
8 Total Work Assignment Cost							$4,535.48	
9 Fixed Fee (10.5%)							$394.33	
9A Subcon. Mgmt. Fee							$0.00	
10 Total Work Assignment Price							$4,929.81	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Task 4.5 - Public Participation

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$1,257.65	
2 Indirect Costs (146.8%)							$1,846.23	
3 Subtotal Direct Salary Costs and Indirect Costs							$3,103.88	
4 Travel							$71.85	
5 Other Non-Salary Costs							$106.00	
6 Subtotal Direct Non-Salary Costs							$177.85	
7 Subcontractors							$0.00	
8 Total Work Assignment Cost							$3,281.73	
9 Fixed Fee (10.5%)							$325.91	
9A Subcon. Mgmt. Fee							$0.00	
10 Total Work Assignment Price							**$3,607.64**	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Task 5 - Monthly Report

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$1,284.85	
2 Indirect Costs (146.8%)							$1,886.15	
3 Subtotal Direct Salary Costs and Indirect Costs							$3,171.00	
4 Travel							$0.00	
5 Other Non-Salary Costs							$0.00	
6 Subtotal Direct Non-Salary Costs							$0.00	
7 Subcontractors							$0.00	
8 Total Work Assignment Cost							$3,171.00	
9 Fixed Fee (10.5%)							$332.95	
9A Subcon. Mgmt. Fee							$0.00	
10 Total Work Assignment Price							$3,503.95	

Project Manager (Engineer)

Date

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

SCHEDULE 2.11(g)
MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Task 6 - Citizen Participation Plan

Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+C)	E Estimated Costs To Completion	F Estimated Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1 Direct Salary Costs							$1,456.09	
2 Indirect Costs (146.8%)							$2,137.54	
3 Subtotal Direct Salary Costs and Indirect Costs							$3,593.63	
4 Travel							$71.85	
5 Other Non-Salary Costs							$106.00	
6 Subtotal Direct Non-Salary Costs							$177.85	
7 Subcontractors							$0.00	
8 Total Work Assignment Cost							$3,771.48	
9 Fixed Fee (10.5%)							$377.33	
9A Subcon. Mgmt. Fee							$0.00	
10 Total Work Assignment Price							**$4,148.81**	

Project Manager (Engineer) _____ Date _____

Work Assignment No: D004436-13
Engineer: Earth Tech Northeast, Inc.
Site ID No: 152187

Site Name: Country Cleaners
Project No: 102656
Date Prepared: 11/21/07

MONTHLY COST CONTROL REPORT
SCHEDULE 2.11(h)
SUMMARY OF LABOR HOURS
NUMBER OF DIRECT LABOR HOURS EXPENDED TO DATE/ ESTIMATED NUMBER OF DIRECT LABOR HOURS TO COMPLETION

LABOR CLASS	IX		VIII		VII		VI		V		IV		III		II		I		TOTAL NO. OF DIRECT LABOR HOURS	
TASK NO.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.	Exp	Est.
1		2.0		2.0						24.0		1.0				24.0				53.0
2		6.0		8.0						52.0		4.0		108.0						178.0
3		12.0		36.0						90.0		6.0		340.0		86.0				570.0
4		1.0		8.0						4.0		1.0		2.0						16.0
7		5.0		6.0						48.0		2.0		116.0		24.0				201.0
8		6.0		8.0						32.0		1.0		40.0						87.0
9																				
10		5.0		12.0						40.0		2.0		52.0						111.0
11		3.0		2.0						12.0		2.0		24.0						43.0
12.1		2.0								16.0		2.0		16.0						36.0
12.2		2.0								12.0		6.0		18.0						38.0
12 3		2.0		2.0						12.0		2.0		24.0						42.0
12.4																				
13																				
14																				
TOTAL				84.0						342.0		29.0		740.0		134.0				1375.0