New York State Department of Environmental Conservation
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Project Management Work Plan

Old Bethpage Industrial Area Plume Trackdown Oyster Bay and Huntington, New York Site # 1-30-171

Work Assignment # D004439-8
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1. Introduction

1.1. Objective

The New York State Department of Environmental Conservation (NYSDEC) has issued a Site Characterization Work Assignment for the Old Bethpage Industrial Area (No. 1-30-171), located in the Town of Oyster Bay, Nassau County, New York and the Town of Huntington, Suffolk County, New York (Site). Malcolm Pirnie, Inc. (Malcolm Pirnie) has prepared this proposed Project Management Work Plan (PMWP) following acceptance of the Work Assignment.

The Site Characterization includes a records search and site reconnaissance to evaluate whether contaminants have been historically, or are currently being used, stored, or handled at the 31 properties within the Old Bethpage Industrial Area. The Site Characterization will also include field characterization activities that will be performed to evaluate the nature and extent of contamination present at the site, to evaluate the extent that contaminants present at the site may pose a risk to human health and the environment, and to use in the determination of which, if any, properties should be listed on the Registry of Inactive Hazardous Waste Disposal Sites (Registry). Work performed under the Site Characterization will include a review of previously documented work and investigations at the site and surrounding areas, development of a base map for each property to use during this and subsequent investigations, and the preparation of a Records Search and Site Reconnaissance (RS/SR) Report and Site Characterization Report following the completion of corresponding Site Characterization activities.

This PMWP includes a site-specific project plan for health and safety and a generic project plan for quality assurance. Site-specific project plans for field sampling and quality assurance will be submitted upon the completion of Task 3 (site reconnaissance), while the site-specific project plan for data usability will be completed following receipt of environmental laboratory results for the Site Characterization. The scope of work for the Site Characterization field activities, including the estimated number of environmental samples, method of sampling, and type of analysis are also provided in this PMWP. This PMWP also provides an estimated Work Assignment budget and schedule for completion.

1.2. Site Description and History

The Old Bethpage Industrial Area is located in the Town of Oyster Bay, Nassau County, and the Town of Huntington, Suffolk County, New York (Figure 1). The Nassau-Suffolk County line bisects the Site in a north-south direction. The Site is comprised of 31 properties, 17 of which are in Nassau County and the remaining 13 are in Suffolk County (Figure 2). The Site is located in a mixed commercial and industrial area. Most of the properties are located along Bethpage-Sweethollow Road, Spagnoli Road, Winding Road, and Hub Drive. The Site property is approximately 230 acres. The properties range in size from approximately one acre (459 Winding Road, Oyster Bay, Nassau County) to approximately 31 acres (Spagnoli Road, Huntington, Suffolk County). A majority of the properties within the Site are covered by asphalt, which is used for parking, and contain at least one building, many of which have light industrial uses. The only exception is the Spagnoli Road property, which is located at the eastern end of the Site in Suffolk County. A majority of this property is open and covered by vegetation. The buildings on the properties in Nassau County were built between 1963 and 1973.

Property information, including location and current and previous owners (if known), is listed in Table 1. The information summarized below is from a letter sent by the Nassau County Department of Public Works (NCDPW) to the United States Environmental Protection Agency (USEPA), dated August 18, 2006 (NCDPW, 2006). In this letter, the NCDPW listed companies that used solvents at these properties, making them potential upgradient sources of contaminants affecting the treatment of groundwater at Claremont Polychemical, the Old Bethpage Landfill, and the Nassau County Fire Training Center (FTC). According to the NYSDEC, Claremont Polychemical and the Nassau County FTC are located downgradient of the Old Bethpage Industrial Area, while the Old Bethpage Landfill is located side gradient of the Site.

- **148 Bethpage-Sweethollow Road –** In 1977, a County-wide survey reported that chemicals used by Filtron Corporation were disposed of by means of evaporation. A violation for storing chemicals without a permit was submitted in 1982. It was noted that there were seven rusty drums present on the site and that there were no known spill control procedures followed. Throughout the 1980s, various chemicals were used and stored by Filtron Corporation at this property.
  - **1984** – Approximately 55 gallons per month of acetone, 1,1,1- trichloroethane (1,1,1-TCA), trichloroethene (TCE), and methylene chloride were generated.
  - **1985** – Tetrachloroethene (PCE) (825 gallons), acetone (165 gallons), 1,1,1-TCE (110 gallons), and methylene chloride (30 gallons) were used for activities conducted on the property.
  - **1986 –** Two 55-gallon drums of PCE waste was generated from activities conducted on the property.

In 1987, two onsite storage tanks, one containing heating oil and the other containing PCE, were registered. It is not known whether these tanks were underground storage tanks (USTs) or aboveground storage tanks (ASTs). It was noted that the installation date of these two tanks was December 1955. A 2,000 gallon fuel storage tank was tested and passed in 1988. All above ground chemical storage tanks were removed in 1992 when Filtron Corporation sold the property to Trulite Louvre.

- **160 Bethpage-Sweethollow Road** –Hitemco bought this property in 1981. In April 1982, a 200 foot deep diffusion well was noted onsite. Less than a year later, the plant reported that it discharged 20,000 gallons per day of municipal water (Plainview Water District) for process/make up water into the well. The diffusion well was sampled for volatile organic compounds (VOCs) in August 1984 and December 1985. No VOCs were detected at concentrations above the detection limits. In 1987, the diffusion well was reported to be receiving 1,000 gallons per day of "non-contact" cooling water. The discharge water was tested and contaminants were not detected. The following month, the NYSDEC deleted the State Pollutant Discharge Elimination System (SPDES) permit for the "non-contact" cooling water (SPDES #NY-0106691). In July 1997, a 275-gallon above ground storage tank (AST) containing TCE, located on the north side of the building, was removed.
- **205 Bethpage-Sweethollow Road** – Life Industries was listed as using solvents during their ownership of this property. Life Industries sold the property to Aljo Precision Products/GEFA Instrument Corporation in 1995. No other information pertaining to the solvents used were known at the time the letter was submitted to the USEPA.
- **195 Bethpage-Sweethollow Road** – In 1988, a 2,000-gallon fuel oil tank used by Dynaforce, Inc. was removed as a direct result of failing a tank test. During 1991, Dynaforce, Inc. received 330 pounds of Cyclothane and 1,1,1-TCA every month and used 600 gallons of 1,1,1-TCA throughout the year. Also, in 1991, the Nassau County Department of Health (NCDH) observed an onsite drywell containing "amber liquid" and an illegal cesspool in the parking lot. In 1993, Dynaforce, Inc. went out of business and sold the property to Advance Relocation Molloy Brothers Moving & Storage.
- **161 Bethpage-Sweethollow Road** – American Louvre used toluene, xylene, 1,1,1-TCA and TCE at some time between 1983 and 1994. During this time, an impacted drywell was remediated under a Voluntary Cleanup Agreement (VCA) between American Louvre and the NYSDEC. American Louvre is not the current owner of the property and the current owner is unknown. The use and/or storage of each of these compounds, as noted by Nassau County, is listed below.
  - **1983** – Toluene (300 gallons), xylene (330 gallons), and TCE (275 gallons) were used onsite during the year.

- **1986** – 1, 556 gallons of TCE was used by the facility throughout the year.
- **1987** – TCE was used onsite during the year.
- **1992** – Toluene was used onsite during the year.
- **1993** – 1,1,1-TCA was stored in a 275-gallon storage tank onsite during the year.
- **1994** – 1,1,1-TCA and TCE was stored and used onsite during the year.

- **Winding Road** – In August 1984, Captree Chemical Co. was in violation of Article 17 of the Environmental Conservation Law, sections 17-0501, 17-0505, and 17-0511. As a result, the NCDH oversaw the remediation of two onsite drywells and the removal of eight yards of contaminated soil/sludge from these two drywells impacted by chlorinated VOCs (CVOCs) in December 1984. Monitoring wells and drywells were monitored for VOCs between 1988 and 1989 and the results of this monitoring is listed below.
  - **April 1988** – PCE, TCE, 1,1,2-TCA, 1,1,1-TCA, methylene chloride, benzene, ethylbenzene, and toluene were detected in the groundwater onsite.
  - **September 1988** – Monitoring wells and drywells onsite were sampled by Captree Chemical Co. and the NCDH as a result of receiving a report of illegal dumping into onsite drywells and a 4-inch polyvinyl chloride (PVC) monitoring well.
  - **1989** – In January, NCDH attempted to sample a monitoring well onsite, but the well was dry. In May, the NCDH was able to collect a groundwater sample to analyze for VOCs from the monitoring well.

  In 1990, Captree Chemical Co. sold the property to Mr. Bar-B-Que who reported to the NCDH in April that the property had been remediated.

1.3. Adjacent Sites

The Suffolk County portion of the Site is bordered to the north by nearly 270 acres of light industrial and residential properties owned by Broad Hollow Estates, Inc. South of the Suffolk County portion of the Site is a golf course that is part of the Bethpage State Park and the State University of New York Agricultural and Technical College at Farmingdale. The properties surrounding the Nassau County portion of the Site are owned by Nassau County and/or the Town of Oyster Bay, including the Old Bethpage Landfill and the Nassau County Fire Training Center. There are three inactive hazardous waste disposal sites located south and southwest of the Old Bethpage Industrial Area, two of which (Old Bethpage Landfill and Claremont Polychemical) are registered on the USEPA Region 2 National Priorities List (NPL). A brief description of the three sites is included below.

- **Old Bethpage Landfill**

  The Old Bethpage Landfill is a 68-acre inactive municipal landfill that is part of a sanitary landfill complex that was active until 1986. The landfill is located on Bethpage-Sweethollow Road in the Town of Oyster Bay, southwest and downgradient of the Site. An extraction and treatment system intercepts groundwater from the landfill containing elevated levels of VOCs. The five extraction wells are located southeast of the landfill. In September 2002, two of the five extraction wells were sampled and the results indicated that levels of site related contaminants are nearing cleanup goals.

- **Claremont Polychemical**

  Claremont Polychemical is a former manufacturer of pigments for plastics and inks that operated at this site from 1966 to 1980. Claremont Polychemical is located at 501 Winding Road in the Town of Oyster Bay, immediately downgradient of the Site. Tetrachloroethene, trans-1,2-dichloroethene (DCE), TCE, 1,1,1-TCA, ethylbenzene, acetone, benzene, 1,1-dichloroethane (DCA), methylene chloride, xylenes, and vinyl chloride were all detected at concentrations exceeding federal and/or New York State Maximum Contaminant Levels (MCLs) in the shallow groundwater. Groundwater onsite is extracted and treated by air stripping and carbon adsorption and then the treated water is re-injected into the ground. The off-site extraction and treatment system for the Old Bethpage Landfill treats the off-site plume coming from the Clarement Polychemical site.

- **Nassau County Fireman's Training Center (FTC)**

  The FTC is located on Winding Road in the Town of Oyster Bay, downgradient of the Site, Old Bethpage Landfill, and the Claremont Polychemical site. Volatile organic compounds were present at elevated levels in the groundwater, both onsite and off-site. The FTC Groundwater Remediation Facility extracts and treats contaminated groundwater from three onsite, and seven off-site, recovery wells. The extraction wells are located southeast of the site. The system began operation in 1999 and has treated 1,362,111,408 gallons of water in the first five and a half years of operation. It was noted in a letter to the NYSDEC, dated January 24, 2006, that groundwater concentrations in onsite wells had mostly been less than groundwater cleanup criteria during 2004 and 2005.

Since the start-up of the extraction and treatment systems at the FTC, groundwater onsite and off-site has been monitored quarterly to establish the nature and extent of groundwater contamination and to evaluate the overall effectiveness of the treatment systems. The onsite treatment systems had reduced the total volatile organic contaminant concentration to less than 10 parts per billion (ppb) in 12 of the 14 wells onsite and had removed 4,500 gallons of No. 2 fuel oil from the water table and vadose zone soils as noted in a letter to the NYSDEC, dated December 23, 2003. Nassau County has concluded that four of the seven operating FTC off-site recovery wells have been impacted by sources other than the FTC based on the observation that the contaminants

being detected are not FTC-related contaminants, the contaminants are present at high concentrations in the lower hydrogeologic zones (greater than 80 feet below ground surface [bgs]), and the FTC is not hydraulically upgradient of these recovery wells. Properties in the Old Bethpage Industrial Area are, therefore, being investigated as potential upgradient sources.

1.4. Geology and Hydrogeology

Surficial deposits in the vicinity of the Site are mapped as outwash sand and gravel, consisting of stratified, well rounded, coarse to fine gravel with sand. To the east of the Site, the surficial deposits are mapped as a kame moraine. Unlike outwash deposits, kame moraine deposits have variable texture (size and sorting), from boulders to sand, and are deposited at an ice margin during deglaciation (Cadwell et al., 1986). Below the surficial deposits are coastal plain deposits, which consist of the Monmouth group, Matawan group, and Magothy formation. These groups and formation are generally composed of silty clay, glauconitic sandy clay, sand, and/or gravel (Fisher et al., 1970).

Based on a presentation by the NCPDW to the NYSDEC on December 3, 2003, regarding the FTC extraction and treatment systems, water levels are approximately 45 to 50 feet bgs in the area of the Site. In addition, based on potentiometric surface maps of the two lower hydrogeologic zones, groundwater generally flows to the southeast.

2. Proposed Scope of Work

As requested in the Work Assignment, Malcolm Pirnie has prepared this PMWP to present its proposed technical scope of services, project budget, staffing plan and schedule of work for the Old Bethpage Industrial Area. This PMWP details the proposed Technical Scope of Work (TSW), which includes descriptions of the following tasks as well as the associated subtasks:

- Task 1: Project Management Work Plan Preparation
- Task 2: Records Search
- Task 3: Site Reconnaissance
- Task 4: Field Characterization
- Task 5: Site Characterization Report Development

2.1. Task 1: Project Management Work Plan Preparation

Malcolm Pirnie has developed and is submitting to the NYSDEC for review and approval this proposed PMWP, which includes the following:

- The complete TSW, including task descriptions and purposes (Section 2).
- A complete estimated budget for the Work Assignment including 2.11 Schedules, details of costs for the Work Assignment and estimates for subcontracted services. Subcontractor costs provided herein are estimated and follow the assumptions provided by the NYSDEC in the WA since the final scope of the Site Characterization will not be finalized until the completion of Task 3 (Section 3).
- A proposed progress schedule indicating key milestones and deliverables (Section 4).
- A project staffing plan identifying key management and technical staff to be assigned to each work element, along with their areas of responsibility (Section 5).
- Identification of potential areas for subcontracting (Section 5).
- Proposed Minority-owned and Women-owned Business Enterprise (MBE/WBE) and Equal Employment Opportunity (EEO) participation (Section 6).
- Project Plans that summarize the activities to be performed in conjunction with this Work Assignment (Section 7, Appendices). This proposed PMWP includes a Generic Quality Assurance Project Plan (QAPP) and a Site-specific Health and

Safety Plan (HASP). A Field Activities Plan (FAP) and Site-specific QAPP will be generated upon the completion of Task 3 (site reconnaissance).

- A Data Usability Summary Report (DUSR) will be prepared for the groundwater, soil, and soil vapor samples that are anticipated to be collected during the Work Assignment.

2.1.1. Background Review and Site Visit

Malcolm Pirnie has reviewed correspondence (provided by the NYSDEC) between the NCDPW, NYSDEC, and USEPA from December 2003 to November 2006 regarding historical information for the properties listed in Section 1.2 and groundwater conditions at the downgradient sites listed in Section 1.3.

Malcolm Pirnie has also visited the site with the NYSDEC Project Manager on May 9, 2007 to gain familiarity with the Site and adjacent properties.

2.1.2. Scoping Meeting

Malcolm Pirnie has not attended a meeting with the NYSDEC staff as of the submittal of this PMWP. However, during the Site visit, the Project Managers from Malcolm Pirnie and the NYSDEC discussed the Technical Scope of Work for the project. A scoping meeting between the Project Managers may be conducted prior to the submittal of the final PMWP.

2.2. Task 2: Records Search

Malcolm Pirnie will complete the required technical scope of work for the Site Characterization, including the historical review of available information on the nature and extent of contamination at each of the 31 properties in the Old Bethpage Industrial Area. This information will assist in recommending properties that should be characterized to determine if they should be placed on the Registry of Inactive Hazardous Waste Disposal Sites.

2.2.1. Site History Review

Malcolm Pirnie will review readily available data and sources of information to evaluate the past and current land use practices on the Site. These information sources will include the following items:

- **State of New York Geographic Information Systems (GIS) Databases**: The State of New York has extensive web-based GIS database detailing land uses throughout the State. These databases will be reviewed to obtain background information and to help identify land uses that may be cause for environmental concern.

- **Aerial Photographs**: Historical aerial photographs that are available of the site will be reviewed. Specific attention will be paid to areas of building construction/demolition, areas with visible surface soil disturbance, disposal and/or retention areas, and the presence of storage tanks and/or fueling areas. Specific attention will also be given to areas that may have been filled or altered during the time interval between the photographs.
- **Sanborn© Fire Insurance Maps**: Sanborn maps will be obtained and reviewed to provide a history of industrial development and land use at the site by documenting the number, type, and use of buildings and other structures in the investigation area.
- **City Directories**: If available, city directories will be reviewed to evaluate property uses on and around the site.
- **Tax Maps and Files**: Tax maps and files for the properties comprising the Old Bethpage Industrial Area will be reviewed to evaluate property ownership at the site.
- **Building Records**: If available, building records will be reviewed to assess building construction, including construction dates, the presence of boilers, storage tanks, and exterior finishes (i.e., lead-based paint and/or transite roofing).

2.2.2. Regulatory Database Review

To provide a comprehensive view of the Site and the surrounding areas, the regulatory status of properties in the assessment area will be reviewed through a database search conducted by a subcontracted database research company. The database search will include all of the properties within the Old Bethpage Industrial Area. The following databases will be reviewed:

- NPL (National Priorities List);
- CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System);
- RCRA TSD (Resource Conservation and Recovery Act Treatment Storage and Disposal facilities);
- RCRA Generators;
- ERNS (Emergency Response and Notification System);
- Delisted NPL;
- CORRACTS (Corrective Action Reports);
- RAATS (RCRA Administrative Action Tracking System);
- HMIRS (Hazardous Materials Information Reporting System);
- PADS (PCB (Polychlorinated Biphenyls) Activity Database System);

- TRIS (Toxic Chemical Release Inventory System);
- FINDS (Facility Index System);
- NPL Liens;
- TSCA (Toxic Substances Control Act);
- MLTS (Material Licensing Tracking System);
- SHWS (State List of Hazardous Waste Sites);
- SWF/LF (Solid Waste Facilities and Landfills);
- LUSTs (State List of Leaking Underground Storage Tanks); and
- USTs (State List of Registered Underground Storage Tanks).

In addition to the documents reviewed under Task 1 (Section 2.1.1) and Task 2 (Sections 2.2.1 and 2.2.2), Malcolm Pirnie will review available information regarding past correspondence, activities, and investigations at the Site. Available information concerning the remedial system operations at the three inactive hazardous waste disposal sites (Section 1.3) will also be researched. The information will include the following sources:

- NYSDEC Division of Environmental Remediation;
- Nassau County Department of Health;
- Nassau County of Public Works;
- Suffolk County Department of Health Services;
- Suffolk County Department of Public Works;
- Available records of public and private supply wells within one mile of the Site;
- Published reports on local geology and hydrogeology;
- Climate data, including precipitation and temperature data;
- Soil surveys; and
- Past reports.

2.3. Task 3: Site Reconnaissance

2.3.1. Site Reconnaissance and Interviews

A site reconnaissance of the each property within the Old Bethpage Industrial Area will be conducted. Each property will be inspected and digitally photographed to document existing conditions on the Site. The current owner(s), occupant(s), and use(s) will be determined and a map of each property showing all structures and areas of environmental

concern will be developed. Items that will be noted during the reconnaissance will include, but not be limited to, the following items:

- Ground cover/vegetation, including any areas of stressed vegetation;
- Open excavations and/or depressions indicating potential fill or burial areas;
- The extent and nature of any exposed soil;
- Site drainage patterns and topography;
- Water supply, monitoring, and/or injection/diffusion wells;
- Soil and/or debris piles;
- Staining of surface soil, asphalt/concrete, and/or building floor surfaces;
- Above ground storage tanks;
- Evidence of underground storage tanks (i.e., vent pipes or fill ports);
- Maintenance areas;
- Storm drains, sanitary sewer connections, and floor drains;
- Storm water drywells;
- Evidence of septic systems (i.e., depression);
- Electrical transformers;
- Building construction materials;
- Roof drains;
- Potential wetlands; and
- Water bodies.

Concurrent with the site reconnaissance activities, interviews will be conducted with employees regarding current and past activities at each property with the Old Bethpage Industrial Area. Information gathered during these interviews will include:

- Location and accounting procedures for underground and/or above ground storage tanks;
- Chemicals and waste products handled on the property;
- Waste management procedures (including solid, chemical, and sewer/septic);
- Pesticide/herbicide application practices;
- Chemical storage areas;
- Maintenance activities and procedures;
- Land use practices (i.e., fill, drainage);

- Existing environmental controls and general reporting procedures; and
- Environmental permits.

In addition to these interviews, village, town, and/or county officials will be contacted to ascertain the presence and age of sanitary and/or storm sewer connections, public drinking water supplies, and any on-site septic systems within the site area. Local fire departments will also be contacted to determine if any environmental incidents have been reported at any of the properties within the site. Lastly, local utilities will be contacted to assess whether polychlorinated biphenyls (PCB) transformers have been historically present in the investigation area.

2.3.2. Records Search and Site Reconnaissance (RS/SR) Report

A RS/SR Report will be prepared and submitted to the NYSDEC for review and comment following the completion of the records search and site reconnaissance activities. The report will include the following:

- Discussion of the physical characteristics of the Site;
- Discussion of the history of each property in the Old Bethpage Industrial Area, including land use, previous investigations, etc.;
- Descriptions of environmental conditions at each property within the Site;
- Site and individual property maps per the Work Assignment;
- Referenced information, including historical documents, database reports, photographic logs, Sanborn maps, interview summaries, aerial photographs, and digital site photographs;
- Property information, including tax map numbers, owner(s) and occupant(s) names, and addresses; and
- Conclusions and recommendations based on the information obtained during the records search and site reconnaissance for properties that should be further investigated in the field characterization.

Following approval by the NYSDEC, comments on the draft RS/SR Report will be incorporated into the final RS/SR Report and will be submitted to the NYSDEC as a single .pdf file on a compact disc within two weeks of receiving the reviewed report. Text, figures, and tables comprising the final RS/SR Report will also be submitted to the NYSDEC on a compact disc, along with the .pdf file, in the original electronic format in which they were created.

2.4. Task 4: Field Characterization

Following the approval of the RS/SR Report, Malcolm Pirnie will submit a FAP and a site-specific QAPP to the NYSDEC. The FAP defines specific methods and protocols for

all field sampling activities at the Site, including the total number of samples and the reporting of results. The site-specific QAPP presents, in specific terms, the policies, organizations, objectives, functional activities, and quality assurance (QA) and quality control (QC) activities designed to achieve the data quality goals of the field characterization at the Old Bethpage Industrial Area site. Once these two documents are approved by the NYSDEC, a field characterization will be conducted for properties within the Old Bethpage Industrial Area that are recommended for further characterization in the RS/SR Report. Malcolm Pirnie will complete the required technical scope of work for this Work Assignment, including characterization of the nature and extent of contamination at properties recommended in the RS/SR Report and, based on this work, recommend properties within the Site to be included in the Registry. Per the NYSDEC, it is assumed that 15 properties will be investigated during the field characterization.

2.4.1. Geophysical Survey

Where appropriate, a geophysical survey will be conducted at properties where underground storage tanks, pipelines, buried tanks associated with septic systems, and/or fill areas (i.e., areas of concrete fill) were present at some time on the property, as revealed during the records search and/or site reconnaissance. The survey will be conducted using the most appropriate geophysical methods to attempt to locate these buried features. The geophysical survey will also be conducted in areas where subsurface activities will be conducted and where underground utilities could not be marked by Dig Safely New York.

2.4.2. Base Map Development

An existing GIS base map of the Site showing the accurate locations of buildings, parking lots, sidewalks, and streets, will be updated with the locations and elevations of monitoring wells and locations of soil borings by a New York State Licensed Surveyor. The surveyor will also provide additional information to update the GIS base map, such as the locations of existing site features that may not be included in the GIS base map (i.e., limits of vegetation, ditches, catch basins, fences, gates, etc.). The site and site datum will be surveyed in State Plane coordinates using the North American Datum of 1983. All elevations will be in feet. The locations will be surveyed to within 0.1 foot and elevations will be surveyed within 0.01 foot. The existing GIS base map data and survey data will be used to generate drawings of the site as well as each of the characterized properties. These drawings will include surveys of soil boring locations, groundwater monitoring well locations, and soil vapor sampling locations.

2.4.3. Environmental Sampling

The budget for the FAP is based on an average number of samples to be collected at 15 properties. The final number of samples, locations of samples, sample depths, and analytical schedules will be included in the FAP.

2.4.3.1. Groundwater

Malcolm Pirnie will install an average of two groundwater monitoring wells at each of the properties recommended for further characterization. Monitoring wells will be installed in areas on the property most likely to have been impacted by past or current operations, such as known spill locations, hazardous waste storage areas, and areas where solvents are currently or have been used. The groundwater samples collected during the field characterization will be used to provide information on the nature and extent of groundwater contamination, if present.

It is anticipated that the borings for the groundwater monitoring wells will be drilled using rotary drilling techniques. Borings for new monitoring wells will be logged to correlate screened intervals with hydrostatigraphic units present in the vicinity of the Site. The monitoring wells will be screened to intersect the water table, which according to a presentation by the NCDPW Water Resources Unit to the NYSDEC on December 3, 2003, is approximately 45-50 feet bgs. Groundwater samples from monitoring wells will be collected in accordance with the protocols outlined in the FAP. Groundwater samples will be analyzed for Target Compound List (TCL) VOCs, TCL semi-volatile organic compounds (SVOCs), and Target Analyte List (TAL) metals.

To evaluate current groundwater flow patterns at the Site, groundwater levels will be measured in the onsite wells in conjunction with the field characterization groundwater sampling discussed above. Groundwater levels will be measured to the nearest hundredth of a foot and recorded in dedicated field log books.

2.4.3.2. Soil

Malcolm Pirnie will drill an average of 10 soil borings at each of the properties recommended for further characterization within the site area. The approximate final depth of each soil boring will be the water table. Soil borings will be advanced in areas on the property most likely to have contamination, such as known spill locations, hazardous waste storage areas, areas where solvents are currently or have been used, and all other potential source areas. A maximum of two soil samples will be collected from each soil boring. Soil samples will be analyzed for TCL VOCs and SVOCs and TAL metals. If, during the records search and/or site reconnaissance, it is revealed that PCB transformers had been present at any of the properties, a surface soil sample will be collected in the area of the PCB transformer and analyzed for TCL PCBs. Surface and subsurface soil samples will be collected in accordance with the protocols outlined in the

FAP. It is anticipated that the soil borings will be advanced using direct-push drilling and sampling methods.

2.4.3.3. Soil Vapor

Based on the results from the records search and/or site reconnaissance, soil vapor samples may be collected from properties at which there is the potential for vapor intrusion. Each property will have an average of two soil vapor sampling locations. One soil vapor point will be installed at the foundation depth and one soil vapor point will be installed directly above the water table. Soil vapor samples will be collected in accordance with NYSDEC Draft DER-10 and the Final NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 and in accordance with the protocols outlined in the FAP. Soil vapor samples will be analyzed for USEPA Method TO-15 VOCs.

2.4.3.4. Investigation Derived Waste

Investigation derived wastes will be handled in accordance with the NYSDEC Proposed TAGM for the disposal of groundwater generated during site investigations and the Final TAGM - Disposal of Drill Cuttings. All investigation derived waste materials will be containerized in U.N.-approved, 55-gallon steel drums. Soil and water will be drummed separately; the contents will be identified on weather-resistant labels attached to drum exteriors. All drums will be staged at a central location pending characterization and off-site disposal at a permitted facility in accordance with local, state, and federal regulations.

2.4.4. Data Validation/Usability Report

A third party data validation subcontractor will review and validate the data collected during the field characterization to determine how well the Data Quality Objectives (DQOs) have been met during the characterization. Data will be assessed by the validator for completeness and compliance per the criteria listed in Section 11.0 of the QAPP. A data usability summary report (DUSR) for the environmental sampling and analysis contemplated under this Work Assignment will be prepared by Malcolm Pirnie's QA Officer and its data validation subcontractor following receipt of the environmental laboratory results from the field characterization.

2.5. Site Characterization Report Development

A Site Characterization Report will be prepared and submitted to the NYSDEC for review and comment following the completion of the field characterization activities. The report will include the following:

- Discussion of field characterization activities;
- Presentation of analytical results for all media sampled;

- Quality assurance/quality control evaluation of the analytical data including the results of the data quality review;
- Discussion of the nature and extent of contaminants;
- Evaluation of groundwater flow direction;
- Comparison of analytical results to applicable regulatory standards and objectives;
- Comparison of analytical results to results in groundwater collected at downgradient offsite recovery wells at the Nassau County FTC;
- Site and individual property maps showing the locations of all samples collected;
- Copy of a digitized base map of the Site;
- Results and recommendations from the RS/SR Report;
- Supporting data, including analytical data packages, field log forms, and monitoring well construction diagrams;
- Upon consultation with the NYSDEC, recommendations as to which, if any, characterized properties should be listed on the Registry; and
- Completed Inactive Hazardous Waste Disposal Reports and Site Classification Worksheets for each recommended property to be listed on the Registry.

Following approval by the NYSDEC, comments on the draft Site Characterization Report will be incorporated into the final Site Characterization Report and will be submitted to the NYSDEC as a single .pdf file on a compact disc within two weeks of receiving the reviewed report. Text, figures, and tables comprising the final Site Characterization Report will also be submitted to the NYSDEC on a compact disc, along with the .pdf file, in the original electronic format in which they were created.

3. Estimated Budget

The estimated project budget is shown in the attached 2.11 series of schedules (Appendix A), prepared in accordance with the Malcolm Pirnie Contract for Remedial Investigation Services with the NYSDEC. Schedule 2.11(a), Summary of Work Assignment Price, shows the estimated total price for the work described in this Project Management Work Plan.

The assumptions used for the 2.11 schedules are as follows:

- Per the NYSDEC WA, fifteen properties will be characterized.

  At each property:

- A geophysical survey will be performed.
- An average of two groundwater monitoring wells to be installed intersecting the water table with one groundwater sample collected from each monitoring well.
- An average of 10 soil borings to be drilled to the water table with a maximum of two soil samples collected from each boring.
- An average of two soil vapor sampling points will be installed on each property with one soil vapor sample collected from each sampling point.

4. Proposed Project Schedule

Project milestones for this Work Assignment are provided in the following project milestone schedule and are shown in Figure 3:

Project Milestone	Day(s) From WA Issuance
Receipt of Work Assignment Acceptance Letter	7
Meeting with NYSDEC at the Site	21
Submit Draft PMWP	35
NYSDEC Review of Draft PMWP	56
Submit Final PMWP	70
NYSDEC Final Approval of PMWP	91
Conduct Records Search and Site Reconnaissance	91 - 175
Submit Draft RS/SR Report and Recommendations	175
NYSDEC Review of Draft RS/SR Report and Recommendations	203
Submit Final RS/SR Report and Recommendations	217
Submit Draft FAP	245
NYSDEC Review of Draft FAP	273
Submit Final FAP	287
Conduct Air, Groundwater, and Soil Investigations on Approved Properties	288 - 364
Submit Draft Site Characterization Report and Recommendations	406
NYSDEC Review of Draft Site Characterization Report and Recommendations	434
Submit Final Site Characterization Report and Recommendations	448

The schedule does not account for delays due to unforeseen Site conditions (e.g., inclement weather, access to properties). Every attempt will be made to adhere to the

schedule presented. Unexpected delays will be documented and reported to the NYSDEC in a timely fashion. In the event that the schedule needs to be modified, Malcolm Pirnie will contact the NYSDEC for approval of the updated schedule.

5. Project Staffing Plan

The organizational structure proposed for the Old Bethpage Industrial Area Site Characterization is presented on Figure 4. In addition to the personnel identified on Figure 4, support for the project will be provided by additional personnel from Malcolm Pirnie as required. Coordination of project activities for this project will be performed by staff from Malcolm Pirnie's Latham, New York office. The responsibilities of key staff positions are summarized below.

5.1. Proposed Project Staff

Malcolm Pirnie will provide recommendations based on the review of records and site reconnaissance information, oversight, coordination, health and safety, field support, and evaluation of analytical data. Malcolm Pirnie will also be responsible for evaluation of analytical test results, which will be submitted to the NYSDEC. The Malcolm Pirnie staff members involved in this project are detailed below:

Richard Brownell, P.E., Project Officer, will have the final responsibility for the quality of work performed and the allocation of resources and personnel for the Old Bethpage Industrial Area.

Shi Ng, the Quality Assurance Officer, will perform project review independently of project management and will oversee Malcolm Pirnie's Quality Assurance/Quality Control (QA/QC) program for the project.

Bruce Nelson, C.P.G., Program Manager, will be responsible for maintaining a clear definition of and adherence to the NYSDEC approved scope, schedule, and budget.

Andrew Vitolins, P.G., Project Manager, will be responsible for the day-to-day management of the project including the allocation of technical resources, development of work plans, and coordination of project activities and personnel. He will interact with the Program Manager and other team members and support staff to complete and document the scope of work.

5.2. Proposed Subcontractors

Subcontractors to Malcolm Pirnie will be required in the following areas to conduct work necessary to support the Site Characterization:

- Geophysical Survey

- Drilling
- Analytical Laboratory
- Data Validation
- Surveyor

The proposed Subcontractors identified to participate in the project are shown on Figure 4.

6. Proposed Minority-Owned and Women-Owned Business Enterprise (MBE/WBE) Participation

This MBE/WBE Plan provides the good faith efforts to be undertaken by Malcolm Pirnie to comply with the requirements of the NYSDEC established in Contract D004439 to subcontract with minority-owned and women-owned business enterprises, and to employ minorities and women. The purpose of the MBE/WBE Plan is to demonstrate and document Malcolm Pirnie's intention to make a good faith effort to meet the goals as stated in the contract. These goals are as follows:

- The Contractor agrees to make good faith efforts to subcontract at least 15 percent of the dollar value of this contract to Minority-Owned Business Enterprises and at least 5 percent of such value to Women-Owned Business Enterprises.
- The Contractor agrees to make good faith efforts to employ or contractually require any Subcontractor with whom it contracts to make good faith efforts to employ minority group members for at least 10 percent of, and women for at least 10 percent of, the work force hours required to perform the work under this Contract.

This MBE/WBE Plan has been prepared to address MBE/WBE involvement in the tasks under NYSDEC Work Assignment D004439-8 for the Old Bethpage Industrial Area project, Oyster Bay and Huntington, New York. This specific plan incorporates the provisions of Malcolm Pirnie's corporate plan for Affirmative Action.

6.1. Malcolm Pirnie Affirmative Action Statement

Malcolm Pirnie supports the NYSDEC's commitment to minority- and women-owned business enterprises. The firm will make good faith efforts to meet or exceed the 15 percent MBE and 5 percent WBE goals for this contract. Malcolm Pirnie is in compliance with Title VII of the Civil Rights Acts of 1964, as amended by the Equal Employment Opportunity Act of 1972.

It is our policy to provide equal opportunity to all qualified persons without regard to race, color, religion, sex, age, national origin, physical handicaps, sexual or affectional preference or marital status, and to promote the full realization of equal opportunity through a positive continuing affirmative action program. The firm assures applicants and staff members that equal opportunity and equal consideration is afforded in personnel

actions with respect to recruiting and hiring, development programs, job assignments, promotion, compensation, transfer, and other status changes.

It is the objective of the firm to provide full employment opportunities for members of minority groups and to employ meaningful numbers at all job levels through effective upgrading and recruiting. Toward this end, the firm's Manager of Human Resources has the responsibility for ensuring that Malcolm Pirnie is in compliance with all aspects of federal and State civil rights laws.

It is the policy of Malcolm Pirnie to consider applicants for employment, training and upward mobility programs that may be necessary without regard to race, religion, color, sex, age, physical handicap or any other factor unrelated to job performance. Malcolm Pirnie also supports career counseling, and training and development for all employees. Minorities and women are encouraged and afforded every opportunity to participate in all company-sponsored educational, training, recreational, professional and social activities.

6.2. Areas of Potential MBE/WBE Participation

The tasks identified for the Old Bethpage Industrial Area Work Assignment are as follows:

- Task 1: Project Management Work Plan Development
- Task 2: Records Search
- Task 3: Site Reconnaissance
- Task 4: Field Characterization
- Task 5: Site Characterization Report Development

Subcontractors and suppliers are anticipated to be needed to assist or provide supplemental services to Malcolm Pirnie in a number of areas. It is Malcolm Pirnie's intent to solicit MBE/WBEs during the procurement of subcontractors for this project.

One or more MBE/WBE firms will be included in the list of firms solicited for each of the following subcontract areas of work:

- Geophysical Survey
- Drilling Services
- Analytical Services
- Data Validation
- Survey

A summary table of bids received for the work, including the MBE/WBE status of each firm is included in Appendix B.

7. Project Plans

7.1. Field Activities Plan

A Field Activities Plan (FAP) for the environmental sampling activities proposed for completion under this Work Assignment will be prepared by Malcolm Pirnie upon the completion of Task 3. The estimated number and type of environmental samples that will be collected during the Site Characterization using the assumptions provided herein are presented in Tables 2, 3, and 4.

7.2. Quality Assurance Project Plan (QAPP)

A generic quality assurance project plan (QAPP) for the environmental sampling and analysis activities contemplated for completion under this Work Assignment has been prepared by Malcolm Pirnie and is included in Appendix C. A site-specific QAPP will be prepared by Malcolm Pirnie upon the completion of Task 3.

7.3. Site-Specific Health and Safety Plan (HASP)

A site-specific health and safety plan (HASP) for the intrusive field activities contemplated for completion under this Work Assignment has been prepared by Malcolm Pirnie and is included in Appendix D.

7.4. Site-Specific Data Usability Summary Report (DUSR)

A site-specific data usability summary report (DUSR) for the environmental sampling and analysis contemplated for completion under this Work Assignment will be prepared by Malcolm Pirnie and its subcontractor(s) following receipt of environmental laboratory results for the Site Characterization.

8. References

Cadwell, D.H., and others, 1986, Surficial Geologic Map of New York, Lower Hudson sheet: New York State Museum – Geological Survey, Map and Chart Series # 40, scale 1:250,000.

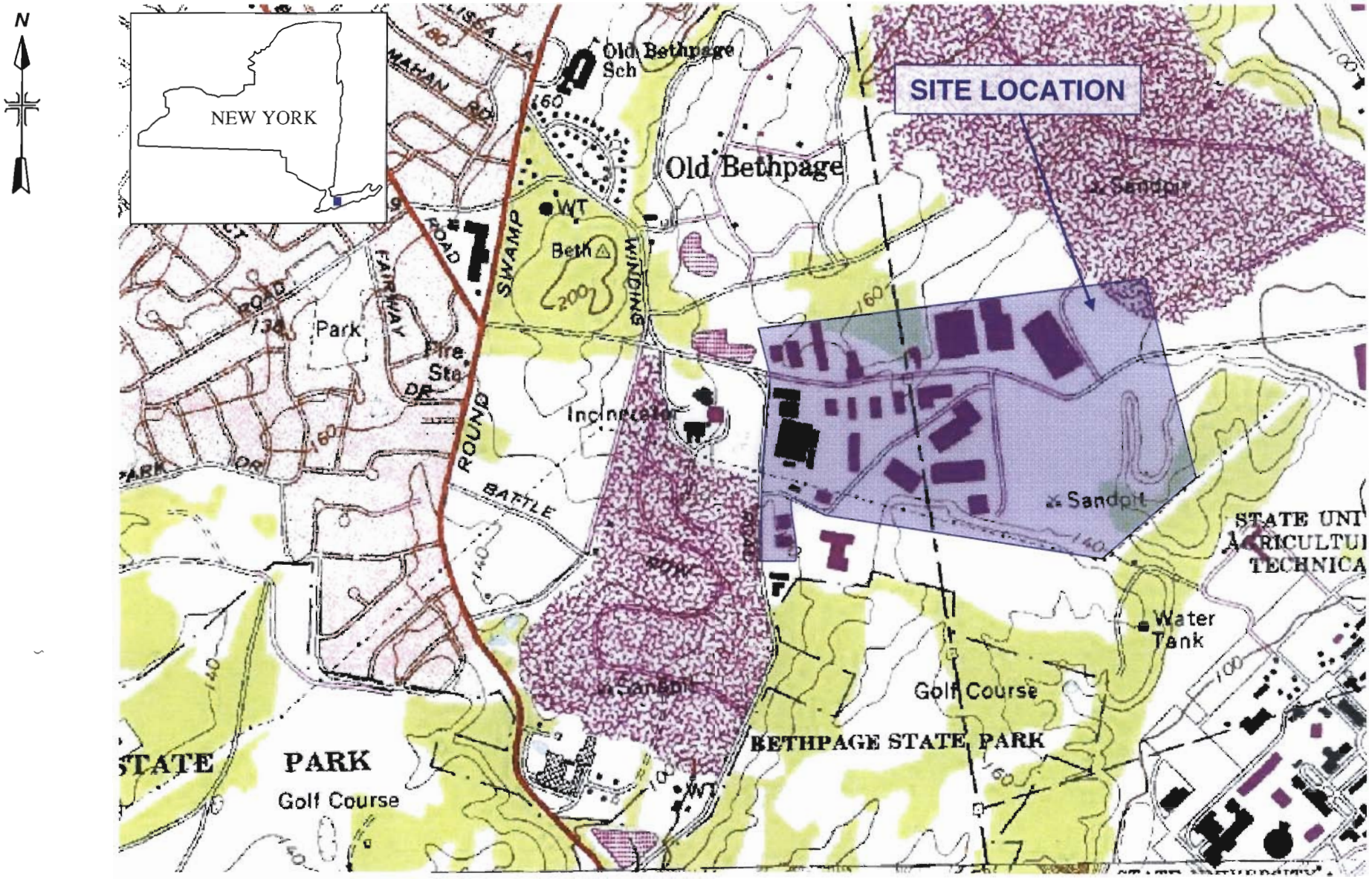
Fischer, D.W., Isachsen, Y.W., and Rickard, L.V., 1970, Geologic Map of New York, Lower Hudson sheet: New York State Museum and Science Service Map and Chart Series No. 15, 6 sheets, scale 1:250,000.

Nassau County Department of Public Works, 2006. Letter Report – Potential Sources of Upgradient Volatile Organic Contamination, August 18,2006.

NYSDEC, 2002. "Draft DER-10 Technical Guidance for Site Investigation and Remediation." New York State Department of Environmental Conservation, Division of Environmental Remediation. December 2002.

NYSDEC, 2005. "Draft Handbook for Standby Consultant Contracts". New York State Department of Environmental Conservation, Division of Environmental Remediation.

NYSDOH, 2006. "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York". New York State Department of Health Center for Environmental Health, Bureau of Environmental Exposure Investigation. October, 2006.



Source: USGS 7.5 minute 1992
Huntington quadrangle topographic map.

MALCOLM PIRNIE

OLD BETHPAGE INDUSTRIAL AREA, SITE #1-30-171
OYSTER BAY, NASSAU COUNTY AND HUNTINGTON, SUFFOLK COUNTY, NEW YORK
PROJECT MANAGEMENT WORK PLAN

SITE LOCATION

FIGURE 1

\\ALBANY\Data\PROJECT\0266359\FILE\PMWP\Figure1-SiteLocation.ppt

MALCOLM PIRNIE

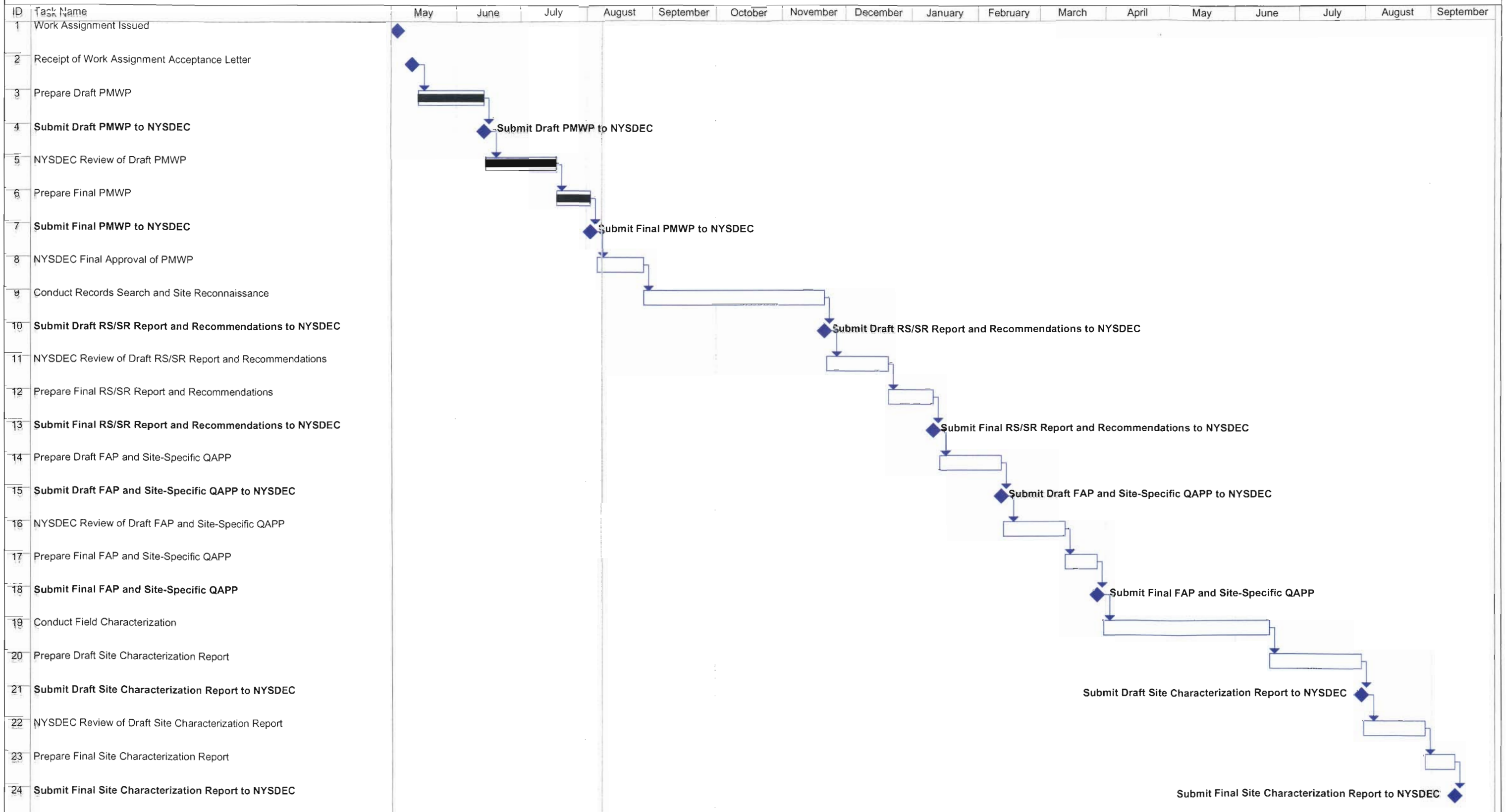
OLD BETHPAGE INDUSTRIAL AREA, SITE #1-30-171
OYSTER BAY, NASSAU COUNTY AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK

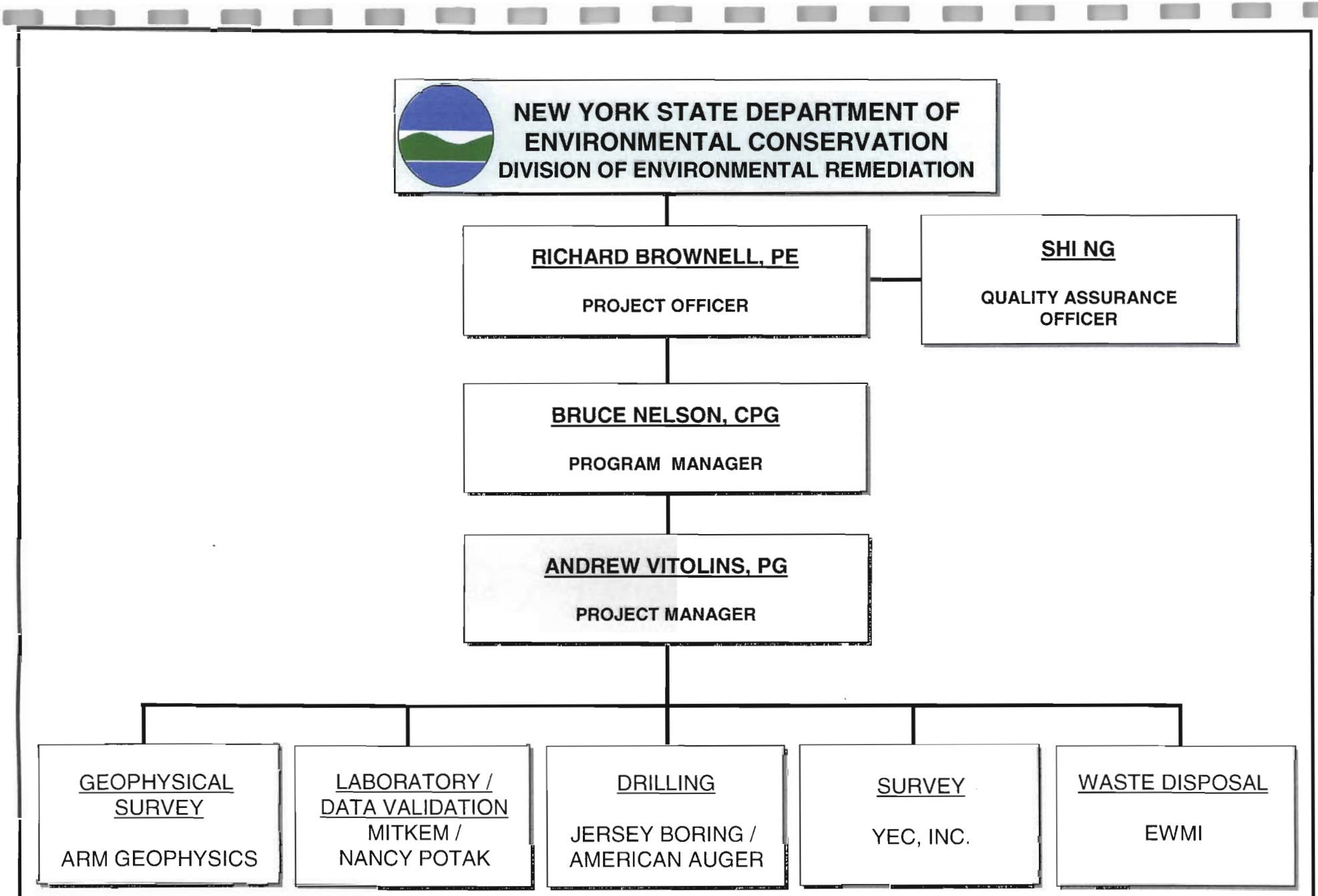
SITE AREA

MALCOLM PIRNIE, INC.

AUGUST 2007
FIGURE 2

Figure 3
Anticipated Work Schedule
Old Bethpage Industrial Area, Site #1-30-171
Oyster Bay, Nassau County and Huntington, Suffolk County, New York





MALCOLM PIRNIE

OLD BETHPAGE INDUSTRIAL AREA, SITE #1-30-171
OYSTER BAY, NASSAU COUNTY AND HUNTINGTON, SUFFOLK COUNTY, NEW YORK

PROJECT MANAGEMENT WORK PLAN

PROPOSED PROJECT TEAM

FIGURE 4

Table 1
Property Information
Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Current Property Owners	Business (If not the Same as the Property Owner)	Address	Property Area (acres)	Zoning	Building Date	Former Property Owners (If Known)	Property Last Occupied by Former Owner (Date)	Chemicals of Concern (If Known)
Nassau County								
Trulite Louvre		148 Bethpage-Sweethollow Road	1.5	Industrial - Light Manufacturing, Small Factory Buildings	1967, 1998	Filtron Corporation*	1992	Acetone, 1,1,1-TCE, TCA, Methylene chloride
Hitemco Corporation*		160 Bethpage-Sweethollow Road	2.5	Industrial - Light Manufacturing, Small Factory Buildings	1967	?	1981	TCE
Skate Safe America		182 Bethpage-Sweethollow Road	2.4	Recreation & Entertainment - Indoor Skating Rinks, Roller or Ice	1970	BTU Systems	1979	
Central Transport International		190 Bethpage-Sweethollow Road	4.4	Commercial - Truck Terminals	1971			
Future Tire Company		202-212 Bethpage-Sweethollow Road	4.2	Commercial - Other Storage, Warehouse & Distribution Facilities	1971			
Automobile Club of America / NY Paving		161 Bethpage-Sweethollow Road	2.1	Industrial - Light Manufacturing, Small Factory Buildings	1966			
National Maintenance, Inc.		175 Bethpage-Sweethollow Road	1.2	Industrial - Light Manufacturing, Small Factory Buildings	1969			
Kathy Van Zeeland		185 Bethpage-Sweethollow Road	1.4	Commercial - Other Storage, Warehouse & Distribution Facilities	1969	Display Prod. Inc.	1972	
Advance Relocation / Molloy Bros. Moving & Storage		195 Bethpage-Sweethollow Road	3	Industrial - Heavy Manufacturing, Factory Complex	1969	Dynaforce, Inc.*	1993?	Fuel oil, Cyclo-thane, 1,1,1 TCA
Aljo Precision Products / GEFA Instrument Corp.		205 Bethpage-Sweethollow Road	2.2	Industrial - Light Manufacturing, Small Factory Buildings	1971	Life Industries*	1995	?
Family Residences & Essential Enterprises Inc.		191 Bethpage-Sweethollow Road	3.2	Commercial - Office Building	1973			
?		301 Winding Road	1.2	Industrial - Light Manufacturing, Small Factory Buildings	1965	Amercan Louvre*	1991?	Toluene, Xylene, TCE, 1,1,1-TCA
Southampton Brick & Tile / Prima Mason Supply / Alside Wholesale Building Products		303 Winding Road	6.2	Industrial - Light Manufacturing, Small Factory Buildings	1963			
P&P Paper Recycling		311 Winding Road	2.1	Industrial - Light Manufacturing, Small Factory Buildings	1964			
Mr. Bar-B-Que		Winding Road	1.5	Industrial - Light Manufacturing, Small Factory Buildings	1972	Captree Chemical Co.*	1990	PCE, TCE, 1,1,2-TCA, 1,1,1-TCA, Methylene chloride, Benzene, Ethylbenzene, Toluene
Seville Transit Mix Co.?		459 Winding Road	1	Commercial - Other Storage, Warehouse & Distribution Facilities	1969			
New England Motor Freight (NEMF)		Bethpage-Sweethollow Road	8	Commercial - Truck Terminals	1969	A-P-A Transit Co.	?	

Table 1
Property Information
Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Suffolk County								
NRA II LLC	Chemlawn	300 Spagnoli Road	3.3	Light Industry				
NRA II LLC	Estee Lauder	290 Spagnoli Road	10	Light Industry				
Jenasaqua Properties, LLC	Estee Lauder	270 Spagnoli Road	6.5	Light Industry				
Joseph Mason	New Dimensions	260 Spagnoli Road	9.6	Light Industry				
Suffolk County Ind. Dev. Agency		130 Spagnoli Road	3	?				
Suffolk County Ind. Dev. Agency		126 Spagnoli Road	3	?				
N & G Realty Company		120 Spagnoli Road	6.4	?				
Reckson FS Limited Partnership	Austin Travel	265 Spagnoli Road	6.1	Light Industry				
Keyspan Corporation		Spagnoli Road	31.3	?				
Rep. B LLC	Chyron, Bi-Lo Distributors	5 Hub Drive	6.9	Light Industry				
Suffolk County Ind. Dev. Agency	Arrow Electronics	25 Hub Drive	9.1	Light Industry and Residence				
WRB Associates	Marchon Eyeware	35 Hub Drive	9	Light Industry and Residence				
WRB Associates	Comtex	50 Hub Drive	3.1	Light Industry and Residence				
Rep. B LLC		30 Hub Drive	5.1	Light Industry and Residence				
Rep. B LLC		10 Hub Drive	6.6	Light Industry				
JJL Tek LLC	Graphic Image, Inc.	305 Spagnoli Road	3.4	Light Industry				

Notes:
* Company that is known to have used or stored solvents.
? - Missing or Questionable Information
Blank cells - Unknown Information
TCA - Trichloroethane
TCE - Trichloroethene
PCE - Tetrachlorothene

TABLE 2
SUMMARY OF AQUEOUS SAMPLES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK

Sample Type	Total Samples	ANALYSIS		
		TCL VOCs	TCL SVOCs	TAL METALS
INVESTIGATIVE SAMPLES				
Groundwater	90	30	30	30
QA/QC SAMPLES				
Field Duplicates	6	2	2	2
Matrix Spikes	6	2	2	2
Matrix Spike Duplicates	6	2	2	2
Trip Blanks	5	5	-	-
TOTALS	113	41	36	36

TABLE 3
SUMMARY OF SOIL SAMPLES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK

Sample Type	Total Samples	ANALYSIS		
		TCL VOCs	TCL SVOCs	TAL METALS
INVESTIGATIVE SAMPLES				
Soil	720	240	240	240
QA/QC SAMPLES				
Field Duplicates	36	12	12	12
Matrix Spikes	36	12	12	12
Matrix Spike Duplicates	36	12	12	12
Field Blanks	36	12	12	12
TOTALS	864	288	288	288

TABLE 4
SUMMARY OF SOIL VAPOR SAMPLES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK

Sample Type	Total Samples	ANALYSIS VOCs TO 15
INVESTIGATIVE SAMPLES		
Soil Vapor	30	30
QA/QC SAMPLES		
Field Duplicates	0	---
Matrix Spikes	0	---
Matrix Spike Duplicates	0	---
Field Blanks	0	---
TOTALS	30	30

New York State Department of Environmental Conservation
Old Bethpage Industrial Area PMWP

2.11 Schedules

0266359 / ALB

MALCOLM PIRNIE

Schedule 2.11 (a)
SUMMARY OF WORK ASSIGNMENT PRICE
D-004439-8
Old Bethpage Industrial Area Plume Trackdown

1.	Direct Salary Costs [Schedule 2.11(b)]	$70,262
2.	Indirect Costs (1.753)	$123,169
3.	Direct Non-Salary Costs [Schedule 2.11(c)(d)]	$32,742

Subcontract Costs:

Cost-plus-fixed-fee Subcontracts [Schedule 2.11 (e)]

	Name of Subcontractor	Services To Be Performed	Subcontractor Price
A.			$0
4.	**Subtotal Cost-plus-fixed-fee Subcontracts**		**$0**

Unit Price Subcontracts [Schedule 2.11(f)]

	Name of Subcontractor	Services To Be Performed	Subcontractor Price
A.	Laboratory - Mitkem (MBE)	Analytical - Soil/GW	$87,180
B.	Laboratory - Chemtech (MBE)	Analytical - Air	$5,370
C.	Direct-push Drilling - Jersey Boring & Drilling (WBE)	Direct Push Drilling	$35,200
D.	Standby Driller - American Auger (WBE)	Rotary Drilling	$118,150
E.	Surveyor - YEC (MBE)	Surveyor	$27,800
F.	Data Validation - Nancy Potak (WBE)	Data Validation	$13,669
G.	IDW Disposal - EWMI	IDW Disposal	$15,500
H.	Geophysical Services - ARM	Geophysical Services	$18,720
5.	**Total Unit Price Subcontracts**		**$321,589**

6.	Subcontract Management Fee	$16,079	
7.	Total Subcontract Costs (lines 4+5+6)		$337,668
8.	Fixed Fee		$19,343
9.	**Total Work Assignment Price (lines 1+2+3+7+8)**		**$583,184**

SCHEDULE 2.11 (b) - Tasks 1 and 2

SUMMARY TOTAL OF DIRECT LABOR HOURS
D-004439-8
Old Bethpage Industrial Area Plume Trackdown

NSPE Labor Classification		9	8	7	6	5	4	3	2	1	Tech	
Average 2007 Rate		$65.98	$65.98	$55.81	$42.30	$36.01	$32.84	$28.14	$24.56	$20.10	$13.69	
Average 2008 Rate		$67.96	$67.96	$57.48	$43.57	$37.09	$33.83	$28.98	$25.30	$20.70	$14.10	
Average 2009 Rate		$70.00	$70.00	$59.20	$44.88	$38.20	$34.84	$29.85	$26.06	$21.32	$14.52	
Average 2010 Rate		$72.10	$72.10	$60.98	$46.23	$39.35	$35.89	$30.75	$26.84	$21.96	$14.96	
Task #	**Task Name**	**Total Direct Labor Hours by Task for each NSPE Labor Classification**										**Total Direct Labor Hours Budgeted**
Task 1	Project Management Work Plan	0	9	0	41	0	24	63	8	2	0	147
Task 2	Records Search	0	8	0	28	0	0	55	100	0	0	191
Task 3	Site Reconnaissance	3	8	0	36	0	0	132	4	100	16	299
Task 4	Field Characterization	1	12	0	52	0	10	1,110	170	8	0	1,363
Task 5	Report	6	8	0	68	0	20	154	120	4	0	380
Subtotals:												**TOTALS:**
2007 hours:		4	37	0	157	0	34	1,360	282	110	16	2,000
2007 costs:		$263.92	$2,441.26	$0.00	$6,641.10	$0.00	$1,116.56	$38,270.40	$6,925.92	$2,211.00	$219.04	$58,089.20
2008 hours:		6	8	0	68	0	20	154	120	4	0	380
2008 costs:		$407.76	$543.68	$0.00	$2,962.76	$0.00	$676.60	$4,462.92	$3,036.00	$82.80	$0.00	$12,172.52
Total Work Assignment Hours		**10**	**45**	**0**	**225**	**0**	**54**	**1,514**	**402**	**114**	**16**	**2,380**
Total Cost for Each NSPE Level		**$671.68**	**$2,984.94**	**$0.00**	**$9,603.86**	**$0.00**	**$1,793.16**	**$42,733.32**	**$9,961.92**	**$2,293.80**	**$219.04**	
Total Work Assignment Direct Labor Cost												**$70,262**

SCHEDULE 2.11 (b-1) - Tasks 1 through 3

SUMMARY TOTAL OF DIRECT ADMINISTRATIVE LABOR HOURS

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

NSPE Labor Classification	**9**	**8**	**7**	**6**	**5**	**4**	**3**	**2**	**1**	
Average 2007 Rate	$65.98	$65.98	$55.81	$42.30	$36.01	$32.84	$28.14	$24.56	$20.10	
Average 2008 Rate	$67.96	$67.96	$57.48	$43.57	$37.09	$33.83	$28.98	$25.30	$20.70	
Average 2009 Rate	$70.00	$70.00	$59.20	$44.88	$38.20	$34.84	$29.85	$26.06	$21.32	
Average 2010 Rate	$77.84	$66.11	$48.55	$44.23	$39.57	$37.04	$31.34	$23.73	$22.57	
TASK	**Total Direct Administrative Hours by Task for each NSPE Labor Classification**									**Total Direct Administrative Hours**
Task 1	0	9	0	17	0	8	0	2	0	36
Task 2	0	8	0	8	0	0	0	15	4	35
Task 3	0	5	0	4	0	0	0	11	10	30
Task 4	0	5	0	4	0	0	0	11	0	20
Task 5	0	4	0	3	0	0	0	11	10	28
Subtotals:										**TOTALS:**
2007 Hours	0	27	0	33	0	8	0	39	14	121
2007 Costs	$0.00	$1,781.46	$0.00	$1,395.90	$0.00	$262.72	$0.00	$957.84	$281.40	$4,679.32
2008 Hours	0	4	0	3	0	0	0	11	10	28
2008 Costs	$0.00	$271.84	$0.00	$130.71	$0.00	$0.00	$0.00	$278.30	$207.00	$887.85
Total Hours	**0**	**31**	**0**	**36**	**0**	**8**	**0**	**50**	**24**	**149**
Total Cost (NSPE Level)	**$0.00**	**$2,053.30**	**$0.00**	**$1,526.61**	**$0.00**	**$262.72**	**$0.00**	**$1,236.14**	**$488.40**	
Total Work Assignment Direct Administrative Cost										**$5,567.17**

Schedule 2.11 (c)

DIRECT NON-SALARY COSTS

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

Item	Maximum Reimbursement Rate	Estimated Number of Units	Estimated Cost	Total Estimated Cost
In-house				
Reproduction	$0.06 /page	0 copies	$0.00	
Mail	At Cost	At Cost	$2,500.00	
PC	$0.00 /hour	0 hours	$0.00	
CADD	$0.00 /hour	0 hours	$0.00	
Communication	At Cost	At Cost	$0.00	$2,500.00
Miscellaneous				
Per Diem (full day)	$159.00 /day	86 days	$13,674.00	
Per Diem (first day & loging)	$64.00 /day	30 days	$1,920.00	
Per Diem (last day & 75% meals)	$48.00 /day	28 days	$1,344.00	
Mileage(2007)	$0.485 /mile	6,600 miles	$3,201.00	
Subsistence	At Cost	At Cost	$0.00	$20,139.00
TOTAL				**$22,639.00**

Shedule 2.11 (d)

SUMMARY OF EQUIPMENT ACTIVITY

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

SCHEDULE	Task 1	Task 2	Task 3	Task 4	Task 5	Total Budgeted Cost
Schedule 2.11(d)1 - Department Purchased Equipment	$0	$0	$0	$0	$0	$0
Schedule 2.11(d)2 - Malcolm Pirnie Owned	$0	$0	$0	$1,678	$0	$1,678
Schedule 2.11(d)3 - Rented Equipment	$0	$0	$0	$1,205	$0	$1,205
Schedule 2.11(d)4 - Site Dedicated Equipment	$0	$0	$0	$0	$0	$0
Schedule 2.11(d)5 - Consumable Supplies	$0	$0	$0	$7,220	$0	$7,220
TOTAL	**$0**	**$0**	**$0**	**$10,103**	**$0**	**$10,103**

Table 2.11 (d)1

EQUIPMENT PURCHASED UNDER THE CONTRACT

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

[WORKSHEET - to be submitted with Work Plan, but separately]

Item	Estimated Purchase Price	O&M Rate	Estimated Number	Estimated Usage Cost
				$0.00
Total - All Tasks				**$0.00**

Table 2.11 (d) 2

MAXIMUM REIMBURSEMENT RATES - CONSULTANT OWNED EQUIPMENT

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

Item	O&M Rate	Estimated Usage	Estimated Usage Cost
Photoionization Detector	$45 /day	7 days	$315
Interface Probe	$30 /day	7 day	$210
Multi Parameter Water Quality Meter	$45 /day	7 days	$315
Low Value Equipment	$0.80 /person/ field hour	1048 hours	$838
Total			**$1,678**

Table 2.11 (d) 3

MAXIMUM REIMBURSEMENT RATES - VENDER RENTED EQUIPMENT*

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

Item	Unit Price	Quantity	Total Budgeted Cost
Bladder Pump	$30.00 /day	7 days	$210
Controller for Bladder Pump	$40.00 /day	7 days	$280
Comrpessor for Bladder Pump	$20.00 /day	7 days	$140
Hammer Drill and Bit	$115.00 /day	5 day	$575
Total			**$1,205**

**** Reimbursement will be paid at the actual receipted rental cost***

Table 2.11 (d) 4

MAXIMUM REIMBURSEMENT RATES - SITE-DEDICATED EQUIPMENT

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

Item	Unit Price	Quantity	Total Estimated Cost
			$0.00
Total			**$0.00**

Table 2.11 (d) 5

DETAILED BREAKDOWN OF CONSUMABLE SUPPLIES*

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

Item	Unit Price	Quantity	Total Budgeted Cost
Task 4			
Miscellaneous Supplies (Up to $1,000 total)**	$1,000.00 Lump Sum	1 Lump Sum	$1,000
Tubing (gw sampling)	$0.50 /ft.	1700 ft	$850
Tubing (soil vapor sampling)	$2.00 /ft.	750 ft	$1,500
Soil vapor screens	$40.00 /ea.	30 screens	$1,200
Environmental Database Report	$675.00 Lump Sum	1	$675
PPE Level D	$19.00 /man - day	105 /man - day	$1,995
Total - Task 4			**$7,220**
TOTAL			**$7,220**

Notes:

* Each item costing over $100 should be identified on a separate line.

Note: Consumable supplies such as gas, diesel fuel, oil, film, stakes, ice, distilled water, rope shall be direct billed with appropriate receipts.

Schedule 2.11 (e)

SUMMARY OF COST-PLUS-FIXED-FEE SUBCONTRACTORS
D-004439-8
Old Bethpage Industrial Area Plume Trackdown

Item	Services To Be Performed	Subcontract Price		
		Task 1	**Task 2**	**Total**
1.		$0.00	$0.00	$0.00
SUBTOTAL		**$0.00**	**$0.00**	**$0.00**
Management Fee				
1.		$0.00	$0.00	$0.00
MANAGEMENT FEE SUBTOTAL		**$0.00**	**$0.00**	**$0.00**
TOTAL		**$0.00**	**$0.00**	**$0.00**

Schedule 2.11 (f)

SUMMARY OF UNIT PRICE SUBCONTRACTORS
D-004439-8
Old Bethpage Industrial Area Plume Trackdowr

	Item	Services To Be Performed	Subcontract Price					Management Fee (5%)				
			Task 2	Task 3	Task 4	Task 5	Total	Task 2	Task 3	Task 4	Task 5	Total
1.	Laboratory - Mitkem (MBE)	Analytical - Soil/GW	$0.00	$0.00	$87,180.00	$0.00	$87,180.00	$0.00	$0.00	$4,359.00	$0.00	$4,359.00
2.	Laboratory - Chemtech (MBE)	Analytical - Air	$0.00	$0.00	$5,370.00	$0.00	$5,370.00	$0.00	$0.00	$268.50	$0.00	$268.50
3.	Direct-push Drilling - Jersey Boring & Drilling (WBE)	Direct Push Drilling	$0.00	$0.00	$35,200.00	$0.00	$35,200.00	$0.00	$0.00	$1,760.00	$0.00	$1,760.00
4.	Standby Driller - American Auger (WBE)	Rotary Drilling	$0.00	$0.00	$118,150.00	$0.00	$118,150.00	$0.00	$0.00	$5,907.50	$0.00	$5,907.50
5.	Surveyor - YEC (MBE)	Surveyor	$0.00	$0.00	$27,800.00	$0.00	$27,800.00	$0.00	$0.00	$1,390.00	$0.00	$1,390.00
6.	Data Validation - Nancy Potak (WBE)	Data Validation	$0.00	$0.00	$13,669.00	$0.00	$13,669.00	$0.00	$0.00	$683.45	$0.00	$683.45
7.	IDW Disposal - EWMI	IDW Disposal	$0.00	$0.00	$15,500.00	$0.00	$15,500.00	$0.00	$0.00	$775.00	$0.00	$775.00
8.	Geophysical Services - ARM	Geophysical Services	$0.00	$0.00	$18,720.00	$0.00	$18,720.00	$0.00	$0.00	$936.00	$0.00	$936.00
	TOTAL		**$0.00**	**$0.00**	**$321,589.00**	**$0.00**	**$321,589.00**	**$0.00**	**$0.00**	**$16,079.45**	**$0.00**	**$16,079.45**

Table 2.11 (f-1)

DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

Laboratory - Mitkem (MBE)

Task	Subtask	Parameter	Method	Matrix	No. of Tests	Unit Rate	Total
SUTOTAL - Task 1							**$0.00**
Task 4							
	Groundwater Sampling	TCL VOCs	8260B	AQ	30	$69	$2,070.00
	Groundwater Sampling	TCL SVOCs	8270C	AQ	30	$149	$4,470.00
	Groundwater Sampling	TAL Metals	6010B/7470A/7471A	S	240	$59	$14,160.00
	Soil Sampling	TCL VOCs	8260B	S	240	$69	$16,560.00
	Soil Sampling	TCL SVOCs	8270C	S	240	$149	$35,760.00
	Soil Sampling	TAL Metals	6010B/7470A/7471A	S	240	$59	$14,160.00
SUBTOTAL - Task 2							**$87,180.00**
MANAGEMENT FEE (FOR ALL TASKS)							**$4,359.00**
TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)							**$91,539.00**

* Task 1 unit rates include markup for expedited turnaround.

Table 2.11 (f-2)

DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

Laboratory - Chemtech (MBE)

Task	Subtask	Parameter	Method	Matrix	No. of Tests	Unit Rate (1) ($)	Total ($)
Task 4		VOC	TO-15	Soil Vapor	30	$179.00	$5,370.00
SUTOTAL - Task 4							**$5,370.00**
MANAGEMENT FEE (TASK 4)							**$268.50**
SUBTOTAL - Task 4 (INCLUDING MANAGEMENT FEE)							**$5,638.50**
TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)							**$5,638.50**

Table 2.11 (f-3)

DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

Direct-push Drilling - Jersey Boring & Drilling (WBE)

Item	Unit Cost	No. of Items	Total Cost
Task 4			
Geoprobe Drilling	$1,350.00 /day	24 days	$32,400.00
Decontamination Pad	$1,200.00 /ea.	1	$1,200.00
UN-Approved Drums	$100.00 /ea.	1 Drum	$100.00
Mobilization/ Demobilization	$1,500.00 lump sum	1	$1,500.00
TOTAL - Task 4			**$35,200.00**
MANAGEMENT FEE (TASK 4)			**$1,760.00**
TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)			**$36,960.00**

Table 2.11 (f-4)

DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

Standby Driller - American Auger (WBE)

Item	Unit Cost	No. of Items	Total Cost
Task 2			
Rotary drilling	$24.00 /lf	1650 lf	$39,600.00
Split-spoon sampling	$10.00 /lf	1650 lf	$16,500.00
2-Inch PVC Well screen	$5.00 /lf	300 lf	$1,500.00
2-in PVC riser	$3.00 /lf	1200 lf	$3,600.00
Well screen backfill material	$8.00 /lf	300 lf	$2,400.00
Bentonite seal	$15.00 /lf	60 lf	$900.00
Grout backfill	$4.00 /lf	1140 lf	$4,560.00
Flush-mount completion (8-in. I.D.)	$225.00 /ea.	30 ea.	$6,750.00
Well development	$100.00 /hr	10 hr	$1,000.00
Mobilization/ demobilization	$11,700.00 /ea.	1 ea.	$11,700.00
Per Diem	$570.00 /day	27 day	$15,390.00
Construct decon pad	$300.00 /ea.	1 ea.	$300.00
Personal Protective Equipment (Level D)	$10.00 /day	40 day	$400.00
55-gallon UN-approved drums	$40.00 /ea.	120 ea.	$4,800.00
Drum handling	$125.00 /hr.	4 hr.	$500.00
Steam Cleaner	$50.00 /Day	30 hr.	$1,500.00
Water Tanker	$100.00 /Day	30 hr.	$3,000.00
Decon Equipment	$125.00 /hr.	30 hr.	$3,750.00
TOTAL - Task 2			**$118,150.00**
MANAGEMENT FEE (TASK 2)			**$5,907.50**
TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)			**$124,057.50**

Table 2.11 (f-5)

DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

Surveyor - YEC (MBE)

Item	Unit Cost	No. of Items	Total Cost
Task 4			
Mobilization 1 (on-site survey)	$13,100.00 /Ea.	1	$13,100.00
Mobilization 2 (off-site survey)	$14,700.00 /Ea.	1	$14,700.00
TOTAL - Task 4			**$27,800.00**
MANAGEMENT FEE (TASK 4)			**$1,390.00**
TOTAL FOR TASK (INCLUDING MANAGEMENT FEE)			**$29,190.00**

Table 2.11 (f-6)

DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

Data Validation - Nancy Potak (WBE)

Item	Unit Cost	No. of Items	Total Cost
Task 4			
Data Validation - Indoor/Amient Air	/sample	samples	$0.00
Data Validation - Soil Vapor	$11.00 /sample	30 samples	$330.00
Data Validation - Soil/GW VOC	$11.00 /sample	329 samples	$3,619.00
Data Validation - Soil/GW SVOC	$13.00 /sample	324 samples	$4,212.00
Data Validation - Soil/GW Pesticides & PCBs	$0.00 /sample	0 samples	$0.00
Data Validation - Soil/GW TAL Metals	$17.00 /sample	324 samples	$5,508.00
SUTOTAL - Task 4			**$13,669.00**
MANAGEMENT FEE (TASK 4)			**$683.45**
SUBTOTAL - Task 4 (INCLUDING MANAGEMENT FEE)			**$14,352.45**
TOTAL FOR ALL TASKS (INCLUDING MANAGEMENT FEE)			**$14,352.45**

Table 2.11 (f-7)

DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

IDW Disposal - EWMI

Item	Unit Cost	No. of Items	Total Cost
Task 4			
IDW Disposal	$85.00 /Drum	150 Drums	$12,750.00
Transportation	$550.00 /Load	3 Loads	$1,650.00
Analytical - Composite Sample	$1,100.00 /Sample	1 Sample	$1,100.00
TOTAL - Task 4			**$15,500.00**
MANAGEMENT FEE (TASK 4)			**$775.00**
TOTAL FOR TASK (INCLUDING MANAGEMENT FEE)			**$16,275.00**

Table 2.11 (f-8)

DETAILED BREAKDOWN OF UNIT PRICE SUBCONTRACTORS

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

Geophysical Services - ARM

Item	Unit Cost	No. of Items	Total Cost
Task 4			
Mobilization/ Demobilization	$1,700.00 /Ea.	1	$1,700.00
Geophysical Survey/ Site Map	$17,020.00 /Lump Sum	1	$17,020.00
TOTAL - Task 4			**$18,720.00**
MANAGEMENT FEE (TASK 4)			**$936.00**
TOTAL FOR TASK (INCLUDING MANAGEMENT FEE)			**$19,656.00**

ENGINEER: MALCOLM PIRNIE, INC
NYSDEC CONTRACT/WA #: D-004439-8
PROJECT NAME: Old Bethpage Ind. Area
MPI PROJECT #: 0266359
NYSDEC TASK #/NAME: SUMMARY

SCHEDULE 2.11 (g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

DATE PREPARED: 07-Aug-07
BILLING PERIOD: 00/00/00 - 00/00/00
MPI STATEMENT #: n
DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						$70,262	
1a. INDIRECT COST - 1.753 %						$123,169	
2. SUBTOTAL: Billabe Labor Cost (1+1a)						$193,431	
2a. OVER-TIME SALARY						$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						**$193,431**	
4. TRAVEL & SUBSISTENCE						$20,139	
5. OTHER NON-SALARY COST						$12,603	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						**$32,742**	
7. SUBCONTRACTORS Management Fee included above						$337,668 $16,079	
8. TOTAL CONTRACT COST (3+6+7)						**$563,841**	
9. FIXED FEE - 10.0 %						$19,343	
10. TOTAL CONTRACT PRICE (8+9)						**$583,184**	
11. RETAINAGE - 0 %						$0	
12. CAP FORM SUBMISSION						**$583,184**	

PROJECT MANAGER ENGINEER _____ **DATE** _____

ENGINEER: MALCOLM PIRNIE, INC
NYSDEC CONTRACT/WA #: D-004439-8
PROJECT NAME: Old Bethpage Ind. Area
MPI PROJECT #: 0266359
NYSDEC TASK #/NAME: Task 1-Project Management Work Plan

SCHEDULE 2.11 (g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

DATE PREPARED: 07-Aug-07
BILLING PERIOD: 00/00/00 - 00/00/00
MPI STATEMENT #: n
DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						$5,126	
1a. INDIRECT COST - 1.753 %						$8,985	
2. SUBTOTAL: Billabe Labor Cost (1+1a)						$14,111	
2a. OVER-TIME SALARY						$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						**$14,111**	
4. TRAVEL & SUBSISTENCE						$182	
5. OTHER NON-SALARY COST						$100	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						**$282**	
7. SUBCONTRACTORS Management Fee included above						$0 $0	
8. TOTAL CONTRACT COST (3+6+7)						**$14,393**	
9. FIXED FEE - 10.0 %						$1,411	
10. TOTAL CONTRACT PRICE (8+9)						**$15,804**	

PROJECT MANAGER ENGINEER _____ **DATE** _____

ENGINEER: MALCOLM PIRNIE, INC
NYSDEC CONTRACT/WA #: D-004439-8
PROJECT NAME: Old Bethpage Ind. Area
MPI PROJECT #: 0266359
NYSDEC TASK #/NAME: Task 2-Records Search

SCHEDULE 2.11 (g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

DATE PREPARED: 07-Aug-07
BILLING PERIOD: 00/00/00 - 00/00/00
MPI STATEMENT #: n
DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						$5,716	
1a. INDIRECT COST - 1.753 %						$10,020	
2. SUBTOTAL: Billabe Labor Cost (1+1a)						$15,736	
2a. OVER-TIME SALARY						$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						**$15,736**	
4. TRAVEL & SUBSISTENCE						$810	
5. OTHER NON-SALARY COST						$100	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						**$910**	
7. SUBCONTRACTORS Management Fee included above						**$0** $0	
8. TOTAL CONTRACT COST (3+6+7)						**$16,646**	
9. FIXED FEE - 10.0 %						$1,574	
10. TOTAL CONTRACT PRICE (8+9)						**$18,220**	

PROJECT MANAGER ENGINEER _____ **DATE** _____

ENGINEER: MALCOLM PIRNIE, INC
NYSDEC CONTRACT/WA #: D-004439-8
PROJECT NAME: Old Bethpage Ind. Area
MPI PROJECT #: 0266359
NYSDEC TASK #/NAME: Task 3-Site Reconnaissance

SCHEDULE 2.11 (g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

DATE PREPARED: 07-Aug-07
BILLING PERIOD: 00/00/00 - 00/00/00
MPI STATEMENT #: n
DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						$8,290	
1a. INDIRECT COST - 1.753 %						$14,533	
2. SUBTOTAL: Billabe Labor Cost (1+1a)						$22,823	
2a. OVER-TIME SALARY						$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						**$22,823**	
4. TRAVEL & SUBSISTENCE						$1,360	
5. OTHER NON-SALARY COST						$0	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						**$1,360**	
7. SUBCONTRACTORS						**$0**	
Management Fee included above						$0	
8. TOTAL CONTRACT COST (3+6+7)						**$24,183**	
9. FIXED FEE - 10.0 %						$2,282	
10. TOTAL CONTRACT PRICE (8+9)						**$26,465**	

PROJECT MANAGER ENGINEER _____ **DATE** _____

ENGINEER: MALCOLM PIRNIE, INC
NYSDEC CONTRACT/WA #: D-004439-8
PROJECT NAME: Old Bethpage Ind. Area
MPI PROJECT #: 0266359
NYSDEC TASK #/NAME: Task 4-Field Characterization

SCHEDULE 2.11 (g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

DATE PREPARED: 07-Aug-07
BILLING PERIOD: 00/00/00 - 00/00/00
MPI STATEMENT #: n
DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						$38,957	
1a. INDIRECT COST - 1.753 %						$68,292	
2. SUBTOTAL: Billabe Labor Cost (1+1a)						$107,249	
2a. OVER-TIME SALARY						$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						**$107,249**	
4. TRAVEL & SUBSISTENCE						$17,739	
5. OTHER NON-SALARY COST						$12,303	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						**$30,042**	
7. SUBCONTRACTORS						$337,668	
Management Fee included above						$16,079	
8. TOTAL CONTRACT COST (3+6+7)						**$474,959**	
9. FIXED FEE - 10.0 %						$10,725	
10. TOTAL CONTRACT PRICE (8+9)						**$485,684**	

PROJECT MANAGER ENGINEER _____ **DATE** _____

ENGINEER: MALCOLM PIRNIE, INC
NYSDEC CONTRACT/WA #: D-004439-8
PROJECT NAME: Old Bethpage Ind. Area
MPI PROJECT #: 0266359
NYSDEC TASK #/NAME: Task 5-Report

SCHEDULE 2.11 (g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

DATE PREPARED: 07-Aug-07

BILLING PERIOD: 00/00/00 - 00/00/00
MPI STATEMENT #: n
DEC VOUCHER #: n

% of BUDGET COMPLETE: 0%

EXPENDITURE CATEGORY	A COSTS CLAIMED THIS PERIOD (CAP #n-month)	B PAID TO DATE (thru CAP #n-month)	C TOTAL COSTS INCURRED TO DATE (A + B)	D ESTIMATED COSTS TO COMPLETION (F-C)	E ESTIMATED TOTAL CONTRACT PRICE (A+B+D)	F APPROVED BUDGET (Date)	G ESTIMATED UNDER/OVER (F-E)
1. DIRECT SALARY COST						$12,173	
1a. INDIRECT COST - 1.753 %						$21,338	
2. SUBTOTAL: Billabe Labor Cost (1+1a)						$33,511	
2a. OVER-TIME SALARY						$0	
3. SUBTOTAL: Direct Salary, Indirect Cost and Over-time Cost (2+2a)						**$33,511**	
4. TRAVEL & SUBSISTENCE						$49	
5. OTHER NON-SALARY COST						$100	
6. SUBTOTAL: Direct Non-Salary Cost (4+5)						**$149**	
7. SUBCONTRACTORS						$0	
Management Fee included above						$0	
8. TOTAL CONTRACT COST (3+6+7)						**$33,660**	
9. FIXED FEE - 10.0 %						$3,351	
10. TOTAL CONTRACT PRICE (8+9)						**$37,011**	

PROJECT MANAGER ENGINEER _____ **DATE** _____

ENGINEER: MALCOLM PIRNIE, INC
NYSDEC CONTRACT #: D-004439
NYSDEC WA #: WA-8
MPI PROJECT #: 0266359
PROJECT NAME: Bethpage Industrial Area Plume Trackdow

SCHEDULE 2.11 (g) - Supplemental

SUBCONTRACTOR COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION
Unit Price Subcontractors

DATE PREPARED: 07-Aug-07
BILLING PERIOD: mm/dd/yy - mm/dd/yy
MPI STATEMENT #: n
DEC VOUCHER #: n

	A	B	C	D	E	F	G	H	I
	SUBCONTRACTOR COSTS				MANAGEMENT FEE				
SUBCONTRACT NAME	CURRENT COSTS, INCLUDES RESUBMITTALS	PAID TO DATE	TOTAL COSTS TO DATE (A + B)	APPROVED BUDGET	MNGT. FEE BUDGET	FEE THIS PERIOD	PENDING FEES	FEE PAID TO DATE	TOTAL COSTS TO DATE (C + F + H)
1. Laboratory - Mitkem (MBE) Analytical - Soil/GW				$87,180.00	$4,359.00				
2. Laboratory - Chemtech (MBE) Analytical - Air				$5,370.00	$268.50				
3. Direct-push Drilling - Jersey Boring & Drilling (WBE) Direct Push Drilling				$35,200.00	$1,760.00				
4 Standby Driller - American Auger (WBE) Rotary Drilling				$118,150.00	$5,907.50				
5 Surveyor - YEC (MBE) Surveyor				$27,800.00	$1,390.00				
6 Data Validation - Nancy Potak (WBE) Data Validation				$13,669.00	$683.45				
7 IDW Disposal - EWMI IDW Disposal				$15,500.00	$775.00				
8 Geophysical Services - ARM Geophysical Services				$18,720.00	$936.00				
9 0 0				$0.00	$0.00				
10 0 0				$0.00	$0.00				
TOTAL				$321,589.00	$16,079.45				

PROJECT MANAGER ENGINEER _____ **DATE** _____

NOTES: (1) Costs listed in Columns A, B, C & D do not include any management fee cos
(2) Management fee is applicable to only properly procured, satisfactorily completed, unit price subcontracts over $10,
(3) 'TOTAL' line, Column I should equal Line 7 (subcontracts), Column C of Summary of Fiscal Information Cost Control Rep

SCHEDULE 2.11 (h)

Old Bethpage Industrial Area Plume Trackdown (#D-004439-8)

MONTHLY COST CONTROL REPORT - SUMMARY OF LABOR HOURS

Expended to Date/Estimated to Completion

[WORKSHEET - To be submitted, but separately]

Billing Period:

Task #	Task Name	NSPE Labor Classification	9 Exp/Est	8 Exp/Est	7 Exp/Est	6 Exp/Est	5 Exp/Est	4 Exp/Est	3 Exp/Est	2 Exp/Est	1 Exp/Est	Tech Exp/Est	Total No. Direct Labor Hours Exp/Est
Task 1	Project Management Work Plan	**Exp**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
		Est	**0**	**9**	**0**	**41**	**0**	**24**	**63**	**8**	**2**	**0**	**147**
		2007	0	9	0	41	0	24	63	8	2	0	147
		2008	0	0	0	0	0	0	0	0	0	0	0
		2009	0	0	0	0	0	0	0	0	0	0	0
Task 2	Records Search	**Exp**	0	0	0	0	0	0	0	0	0	0	0
		Est	**0**	**8**	**0**	**28**	**0**	**0**	**55**	**100**	**0**	**0**	**191**
		2007	0	8	0	28	0	0	55	100	0	0	191
		2008	0	0	0	0	0	0	0	0	0	0	0
		2009	0	0	0	0	0	0	0	0	0	0	0
Task 3	Site Reconnaissance	**Exp**	0	0	0	0	0	0	0	0	0	0	0
		Est	**3**	**8**	**0**	**36**	**0**	**0**	**132**	**4**	**100**	**16**	**299**
		2007	3	8	0	36	0	0	132	4	100	16	299
		2008	0	0	0	0	0	0	0	0	0	0	0
		2009	0	0	0	0	0	0	0	0	0	0	0
Task 4	Field Characterization	**Exp**	0	0	0	0	0	0	0	0	0	0	0
		Est	**1**	**12**	**0**	**52**	**0**	**10**	**1,110**	**170**	**8**	**0**	**1,363**
		2007	1	12	0	52	0	10	1,110	170	8	0	1,363
		2008	0	0	0	0	0	0	0	0	0	0	0
		2009	0	0	0	0	0	0	0	0	0	0	0
Task 5	Report	**Exp**	0	0	0	0	0	0	0	0	0	0	0
			6	**8**	**0**	**68**	**0**	**20**	**154**	**120**	**4**	**0**	**380**
		2007	0	0	0	0	0	0	0	0	0	0	0
		2008	6	8	0	68	0	20	154	120	4	0	380
		2009	0	0	0	0	0	0	0	0	0	0	0
	Subtotal 2007 hours		4	37	0	157	0	34	1,360	282	110	16	2,000
	Subtotal 2008 hours		6	8	0	68	0	20	154	120	4	0	380
	Subtotal 2009 hours		0	0	0	0	0	0	0	0	0	0	0
Total Hours Exp			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total Hours Est			**10**	**45**	**0**	**225**	**0**	**54**	**1,514**	**402**	**114**	**16**	**2,380**

MALCOLM PIRNIE

Interoffice Correspondence

Date: June 6, 2007

To: File: Old Bethpage Industrial Area Plume Trackdown, Assignment D004439-8

Copy: Malcolm Pirnie Project File 0266359

From: Bruce R. Nelson, ALB

Re: Direct Administration Labor Hours

Direct administration labor hours for the Old Bethpage Industrial Area Plume Trackdown scope exceeded 4 percent of the overall anticipated amended Work Assignment costs. However, the direct administration labor hours were tabulated using the guidance contained in the NYSDEC Handbook for Standby Consultant Contract (Attachment #12) and the hours do not exceed the allowable hours for each of the listed administrative tasks.

BRN
F:\PROJECT\0266359\FILE\Budget\Memo - DA Labor Hours Old Bethpage.doc

Engineer/Contract Number: Malcolm Pirnie / D-004439
Project Name: Old Bethpage Industrial Area Plume Trackdown
Work Assignment Number: WA-8
Date Prepared: 8/7/2007

DETAILED BREAKDOWN OF
DIRECT ADMINISTRATIVE LABOR HOURS BUDGETED ON SCHEDULE 2-11(b-1)
[WORKSHEET - to be sent with Work Plan, but separately]

ADMIN. TASKS	Work Plan Development																	
	Conflict of Interest Checks									Schedule & Supporting Documentation								
NSPE Level	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1
Task 1		2		2							4		12		8			
Task 2																		
Task 3																		
Task 4																		
Task 5																		
Subtotal	0	2	0	2	0	0	0	0	0	0	4	0	12	0	8	0	0	0
TOTAL	4									24								

ADMIN. TASKS	Review Work Assignment (WA) Progress																	
	Conduct Progress Reviews									Prepare Monthly Project Report & Update Progress Schedule								
NSPE Level	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1
Task 1											1		1				2	
Task 2		2		1							1		1				2	
Task 3		2		1							1		1				2	
Task 4		2		1							1		1				2	
Task 5		2		1							1		1				2	
Subtotal	0	8	0	4	0	0	0	0	0	0	5	0	5	0	0	0	10	0
TOTAL	12									20								

ADMIN. TASKS	Review Work Assignment (WA) Progress																	
	MBE/WBE Activities									Program Management Reviews								
NSPE Level	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1
Task 1											2		2					
Task 2		1		1				2			2		2					
Task 3											2		2					
Task 4											2		2					
Task 5											1		1					
Subtotal	0	1	0	1	0	0	0	2	0	0	9	0	9	0	0	0	0	0
TOTAL	4									18								

Engineer/Contract Number: Malcolm Pirnie / D-004439
Project Name: Old Bethpage Industrial Area Plume Trackdown **Date Prepared:** 8/7/2007
Work Assignment Number: WA-8

DETAILED BREAKDOWN OF
DIRECT ADMINISTRATIVE LABOR HOURS BUDGETED ON SCHEDULE 2-11(b-1)
[WORKSHEET - to be sent with Work Plan, but separately]

ADMIN. TASKS	C.A.P. PREPARATION																	MISCELLANEOUS																Word Processing and Report Preparation									TOTAL DIRECT ADMIN. LABOR HOURS								
	Prepare Monthly Cost Control Report and CAP									Oversee CAP Preparation									NSPE List Updates									Equipment Use and Inventory																										
NSPE Level	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1	9	8	7	6	5	4	3	2	1
Task 1																																					0	9	0	17	0	8	0	2	0
Task 2								9			1		2						1		1				2												4	0	8	0	8	0	0	0	15	4
Task 3								9																													10	0	5	0	4	0	0	0	11	10
Task 4								9																														0	5	0	4	0	0	0	11	0
Task 5								9																													10	0	4	0	3	0	0	0	11	10
Subtotal	0	0	0	0	0	0	0	36	0	0	1	0	2	0	0	0	0	0	0	1	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	31	0	36	0	8	0	50	24
TOTAL	36									3									4									0									24									149								

Table 2.11 (c)

DETAILED BREAKDOWN OF DIRECT NON-SALARY COSTS

D-004439-8

Old Bethpage Industrial Area Plume Trackdown

[WORKSHEET - to be submitted with Work Plan, but separately]

	Item	Maximum Reimbursement Rate	Estimated Number of Units	Estimated Cost	Total Estimated Cost
Task 1					**Project Management Work Plan**
Travel & Subsistence					
1	Mileage (2007)	$0.485 /mile	375 miles	$181.88	
2	Subsistence	At Cost	At Cost	$0.00	
3	Per diem (full day)	$159 /day	0 days	$0.00	
4	Per Diem (1st day & lodging)	$64 /day	0 days	$0.00	
5	Per Diem (last day & 75% meals)	$48 /day	0 days	$0.00	$181.88
Other Direct Costs					
1	Reproduction	$0.06 /page	0 copies	$0.00	
2	Mail	At Cost	At Cost	$100.00	
3	PC	$0.00 /hour	0 hours	$0.00	
4	CADD	$0.00 /hour	0 hours	$0.00	
3	Communication	At Cost	At Cost	$0.00	$100.00
			TOTAL - Task 1		$281.88
Task 2					**Records Search**
Travel & Subsistence					
1	Mileage (2007)	$0.485 /mile	750 miles	$363.75	
2	Subsistence	At Cost	At Cost	$0.00	
3	Per diem (full day)	$159 /day	2 days	$318.00	
4	Per Diem (1st day & lodging)	$64 /day	2 days	$128.00	
5	Per Diem (last day & 75% meals)	$48 /day	0 days	$0.00	$809.75
Other Direct Costs					
1	Reproduction	$0.06 /page	0 copies	$0.00	
2	Mail	At Cost	At Cost	$100.00	
3	PC	$0.00 /hour	0 hours	$0.00	
4	CADD	$0.00 /hour	0 hours	$0.00	
3	Communication	At Cost	At Cost	$0.00	$100.00
			TOTAL - Task 2		$909.75
Task 3					**Site Reconnaissance**
Travel & Subsistence					
1	Mileage (2007)	$0.485 /mile	375 miles	$181.88	
2	Subsistence	At Cost	At Cost	$0.00	
3	Per Diem (full day)	$159 /day	6 days	$954.00	
4	Per Diem (first day & loging)	$64 /day	2 days	$128.00	
5	Per Diem (last day & 75% meals)	$48 /day	2 days	$96.00	$1,359.88
Other Direct Costs					
1	Reproduction	$0.06 /page	0 copies	$0.00	
2	Mail	At Cost	At Cost	$0.00	
3	PC	$0.00 /hour	0 hours	$0.00	
4	CADD	$0.00 /hour	0 hours	$0.00	
3	Communication	At Cost	At Cost	$0.00	$0.00
			TOTAL - Task 3		$1,359.88
Task 4					**Field Characterization**
Travel & Subsistence					
1	Mileage	$0.485 /mile	5,000 miles	$2,425.00	
2	Subsistence	At Cost	At Cost	$0.00	
3	Per diem (full day)	$159 /day	78 days	$12,402.00	
4	Per Diem (1st day & lodging)	$64 /day	26 days	$1,664.00	
5	Per Diem (last day & 75% meals)	$48 /day	26 days	$1,248.00	$17,739.00
Other Direct Costs					
1	Reproduction	$0.06 /page	0 copies	$0.00	
2	Mail	At Cost	At Cost	$2,200.00	
3	PC	$0.00 /hour	0 hours	$0.00	
4	CADD	$0.00 /hour	0 hours	$0.00	
3	Communication	At Cost	At Cost	$0.00	$2,200.00
			TOTAL - Task 4		$19,939.00
Task 5					**Report**
Travel & Subsistence					
1	Mileage	$0.485 /mile	100 miles	$48.50	
2	Subsistence	At Cost	At Cost	$0.00	
3	Per diem (full day)	$159 /day	0 days	$0.00	
4	Per Diem (1st day & lodging)	$64 /day	0 days	$0.00	
5	Per Diem (last day & 75% meals)	$48 /day	0 days	$0.00	$48.50
Other Direct Costs					
1	Reproduction	$0.06 /page	0 copies	$0.00	
2	Mail	At Cost	At Cost	$100.00	
3	PC	$5.00 /hour	0 hours	$0.00	
4	CADD	$15.00 /hour	0 hours	$0.00	
5	Communication	At Cost	At Cost	$0.00	$100.00
			TOTAL - Task 5		$148.50
TOTAL - All Tasks					$22,639.00

New York State Department of Environmental Conservation
Old Bethpage Industrial Area PMWP

Summary of Bids

0266359 / ALB

MALCOLM PIRNIE

New York State
Department of Environmental Conservation
Division of Environmental Remediation

Subcontract Certification

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 includes 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 does include a statement of compliance with all licenses, certifications and permits, if applicable. (Note: This can be determined at: http://www.wadsworth.org/labservices.htm).

2. The Contractor has determined the costs are reasonableness. 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, the COI certification must be submitted to the project manager upon activation.)

4. For subcontracts in excess (or anticipated to be) of $10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of $10,000 the subconsultant 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/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 when 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) is included as appropriate.)

9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

Daniel A. Greenstein

Signature of Contractor's Authorized Representative — Date

MALCOLM PIRNIE, INC. — D004439-8

Contractor Name — Contract No. WA No.

Mitkem Inc.

Subcontractor Name — 2/7/07

QUOTE REQUEST FOR DATA VALIDATION SERVICES

Location: **NYSDEC**
Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Drilling Companys: **Data Validation Services, EDV, EQA, Kestrel, Nancy Potak, & Trillium**

Item	Estimated Quantity	Unit	Data Validation Services	EDV	EQA	Kestrel	Nancy Potak	Trillium
TCL Volatiles	329	Per Sample	$6,580	$6,241	$4,236	$5,593	$3,619	$15,354
TCL Semi-volatiles	324	Per Sample	$6,480	$6,477	$5,472	$5,913	$4,212	$15,121
TAL Metals	324	Per Sample	$6,480	$6,477	$4,824	$6,318	$5,508	$18,144
TOTAL COST:			$19,540	$19,195	$14,532	$17,824	$13,339	$48,620

New York State
Department of Environmental Conservation
Division of Environmental Remediation

Subcontract Certification

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 includes 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 does include a statement of compliance with all licenses, certifications and permits, if applicable. (Note: This can be determined at: http://www.wadsworth.org/labservices.htm).

2. The Contractor has determined the costs are reasonableness. 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, the COI certification must be submitted to the project manager upon activation.)

4. For subcontracts in excess (or anticipated to be) of $10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of $10,000 the subconsultant 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/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 when 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) is included as appropriate.)

9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

Daniel Lawrenstein

Signature of Contractor's Authorized Representative — Date

MALCOLM PIRNIE, INC. — D004439-8

Contractor Name — Contract No. WA No.

Nancy Potak

Subcontractor Name — 2/7/07

Data Validation Services

120 Cobble Creek Road P. O. Box 208
North Creek, NY 12853
Phone (518) 251-4429
Facsimile (518) 251-4428

June 7, 2007

Stefan Bagnato
Malcolm Pirnie, Inc.
13 British American Blvd.
Latham, NY 12110

RE: Proposal for DUSR validation of the NYSDEC Standby Old Bethpage Site data

Dear Mr. Bagnato,

Thank you for your request for a cost estimate for the generation of a Data Usability Summary Reports (DUSR) for data pertaining to the above-mentioned site. I have reviewed the information that you forwarded, and have prepared the following cost proposal.

The laboratory data packages will be reviewed for quality control parameters (including, but not limited to, custody documentation, holding times, surrogate and matrix spike recoveries, LCS recoveries, duplicate correlation, calibration standard/blank performance, instrument performance, blank contamination, matrix interferences, method compliance, etc). This review will be performed from the summary forms available in the data package. In addition, the raw sample data will be fully reviewed. Full validation to verify all QC summary page values and QC reported results from the raw data will not be performed at this time. However, most of the validation qualifiers that would be apparent by full validation review will be recommended within the DUSR.

The DUSR will then be generated, incorporating all sampling activities at the site, as a narrative discussion. More than one DUSR may be generated for this site (covering multiple delivery groups), as best meets project needs. At a minimum, all issues in the NYSDEC DUSR description (Rev. 9/97) will be discussed in the DUSR. Please note that any discussion indicating steps to be taken to fill in data gaps must be generated with coordination with your firm. Sample result qualifiers indicated by the review will be applied to hardcopies of sample results forms, if provided (or of summary results tables provided by Malcolm Pirnie).

The following unit costs include review of data packages (as noted above), generation of the DUSRs, and associated communications. These costs pertain to field samples, field duplicates, and matrix spikes. Field and trip blanks are reviewed at no additional charge. The unit costs below, which are independent of matrix, have been applied to the total of the numbers provided by your firm. If the number of QA/QC samples noted in your table includes blanks, actual costs will be proportionally lower.

Est. No. of Samples	Analytical Fraction	Unit Cost	Subtotal
329	TCL Volatile	$ 20	$ 6580
324	TCL Semivolatile	20	6480
324	TAL Metals	20	6480
	Estimated Project Total		$ 19540

For this scope, it is essential that this firm be notified as the initial samples are submitted to the laboratory, and kept abreast as to the project schedule.

This firm must be provided with hardcopies of laboratory data packages and a copy of the project QAPP/SAP.

Please note that for DUSR review, if the analyses are not generated in compliance with the protocol requirements, or packages are significantly incomplete, additional costs may be incurred. Costs do not include return shipment of the data, which we be billed at (postal) courier rates. Payment terms are net 30 unless otherwise arranged. I look forward, as always, to possibly working with your firm on this project.

Very truly yours,

Judy Harry

Data Validation

EDV, INC.

Estimated Costs
Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Soil and Groundwater Analyses	Number Samples	QA/QC Samples	Cost/ Sample	Total Cost
SOIL - TCL VOCs	240	48	18.97	$ 5,463
SOIL - TCL SVOCs	240	48	19.99	$ 5,757
SOIL - TAL Metals	240	48	19.99	$ 5,757
GW - TCL VOCs	30	11	18.97	$ 778
GW - TCL SVOCs	30	6	19.99	$ 720
GW - TAL Metals	30	6	19.99	$ 720
			Total	**$ 19,195**

Environmental Quality Associates, Inc.
487 Shoddy Hollow Road
Middletown, NY 10940
Voice & Fax : (845) 386-4705
e-mail : enviroqa@hvc.rr.com

EQA, Inc. facsimile transmittal

To: Stefan Bagnato / MPI – Latham, NY **Fax:** 518 782 0500

From: Chris Taylor **Date:** 06/12/2007

Re: Old Bethpage Industrial Area **Pages:** Cover + 1

NYSDEC DUSR Quotation

CC:

☐ Urgent ☑ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Stefan,

Subject data review cost quotation follows this cover.

We look forward to the potential for working with you on this project.

Regards,
Chris

Estimated Costs
Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Soil and Groundwater Analyses	Number Samples	QA/QC Samples	Cost/ Sample	Total Cost
SOIL - TCL VOCs	240	48	$ 13	$ 3,744
SOIL - TCL SVOCs	240	48	$ 17	$ 4,896
SOIL - TAL Metals	240	48	$ 15	$ 4,320
GW - TCL VOCs	30	11	$ 12	$ 492
GW - TCL SVOCs	30	6	$ 16	$ 576
GW - TAL Metals	30	6	$ 14	$ 504
			Total	**$ 14,532**

06/12/07

June 13, 2007

Mr. Stefan Bagnato
Malcolm Pirnie, Inc
43 British American Avenue
Latham, NY 12110

RE: Site Name: Old Bethpage

Dear Mr. Bagnato:

Thank you for providing Kestrel Environmental Technologies, Inc. (Kestrel) the opportunity to provide a price quotation for data validation services for the Old Bethpage Industrial Area Project. Kestrel is a woman-owned, small business dedicated to ensuring client satisfaction and professional completion of your project requirements. Our company has been providing data validation services for eleven years for US Army Corp of Engineers, AFCEE, USEPA, and other programs at sites such as Maywood, Hill Air Force Base, and Maine Yankee nuclear facility. We have experience with multiple data base formats.

It is our understanding that the evaluation procedures will include all procedures outlined in the "Guidance for the Development of Data Usability Summary Reports, December 2002."

The price quote that is provided does not include the cost of any laboratory electronic database population efforts. Kestrel typically charges $50.00/hour for EDD population. This cost is difficult to estimate without knowing what data base requirements are. One laboratory sample delivery group (SDG) of 20 samples usually takes 2 hours to populate. Based upon the number of samples I would estimate an additional $2500 to $3500 in costs.

Kestrel has included a firm fixed unit price quotation. All prices are firm and non-escalatable with regard to material, labor, or equipment. Resumes' of key personnel, representations and certifications, and proof of insurance are available upon request.

Please do not hesitate to contact us with any questions or if you require additional information.

Sincerely,

Timothy Lewis

Timothy Lewis
Vice President
Kestrel Environmental Technologies, Inc.
Ph: (207) 865-1256
E-mail:KestrelET@suscom-maine.net

Encl: Price schedule

Estimated Costs
Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Soil and Groundwater Analyses	Number Samples	QA/QC Samples	Cost/ Sample	Total Cost
SOIL - TCL VOCs	240	48	$ 17.00	$ 4,896
SOIL - TCL SVOCs	240	48	$ 18.25	$ 5,256
SOIL - TAL Metals	240	48	$ 19.50	$ 5,616
GW - TCL VOCs	30	11	$ 17.00	$ 697
GW - TCL SVOCs	30	6	$ 18.25	$ 657
GW - TAL Metals	30	6	$ 19.50	$ 702
			Total	**$ 17,824**

Does not include EDD population costs. Please refer to cover letter.
Prepared by Kestrel Environmental Technologies, Inc
Timothy Lewis June 13, 2007

Estimated Costs
Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Soil and Groundwater Analyses	Number Samples	QA/QC Samples	Cost/ Sample	Total Cost
SOIL - TCL VOCs	240	48	$ 11	$ 3,168
SOIL - TCL SVOCs	240	48	$ 13	$ 3,744
SOIL - TAL Metals	240	48	$ 17	$ 4,896
GW - TCL VOCs	30	11	$ 11	$ 451
GW - TCL SVOCs	30	6	$ 13	$ 468
GW - TAL Metals	30	6	$ 17	$ 612
			Total	**$ 13,339**

Note: Proces for Nancy Potak

TRILLIUM INC.

June 13, 2007

Mr. Stefan Bagnato
Malcolm Pirnie, Inc.
43 British American Blvd.
Latham, NY 12110

Re: Cost Estimate to Provide Data Validation Services Associated with the Old Bethpage RFP for Data Validation

Dear Mr. Bagnato:

Trillium, Inc. is pleased to present its proposal for data validation services in support of the sampling events associated with the Old Bethpage RFP (request for proposal). We have provided this quotation based on the information you provided in the e-mail dated June 13, 2007.

Trillium's validation of the analytical data will be conducted in accordance with the most current revisions of the validation guidance documents provided by EPA Region II and data qualification will be documented following the NYSDEC ASP'95 Rev. guidelines. Professional judgment will be applied as necessary.

Data validation is a process by which laboratory-reported data are subjected to a comprehensive, technically-oriented evaluation by personnel experienced in the analysis and review of sample data from environmental matrices. Contractual compliance with the specifications of the method employed is not the primary concern of the validation effort; historically, it has been observed that contractually compliant data are not always technically usable and that contractually non-compliant data are sometimes very usable. The focus of the validation is on the "usability" of the results.

Upon completion of the data validation process, a written report will be prepared for each analytical fraction and for each sample matrix. Trillium's validation reports include an Executive Summary, which specifically identifies the data reviewed and provides an overview of the qualifiers (if any) applied. An Introduction summarizes the guidelines and criteria employed for evaluating the data. The remaining sections of our reports discuss the various quality control (QC) requirements outlined in the validation guidelines (e.g., calibrations, lab duplicates, etc.). Data Summary Forms and annotated laboratory answer forms are included with the report as attachments. As requested for this project, attachments of any data that resulted in the qualification of sample results will also be included as attachments to support that the appropriate qualifiers were applied.

Engrid Carpenter of Trillium's Baton Rouge, Louisiana office will serve as Project Manager and principal validator for this work; assistance will be provided as needed by other qualified Trillium employees.

The "cost per sample" has been calculated based on a per sample delivery group (SDG), per matrix, per analytical fraction, and per task basis. For the volatiles and semivolatiles fractions for both water and soil, we anticipate ten hours per data package for validation, to permit an internal quality review, and to prepare a final report (10 hours for validation and report preparation x 14 SDGs times $90.00/hr). This is equivalent to $46.67 per sample.

For the metals fractions for both water and soil, we anticipate twelve hours per data package for validation, to permit an internal quality review, and to prepare a final report (12 hours for validation and report preparation x 14 SDGs times $90.00/hr). This is equivalent to $56.00 per sample.

Associated expenses (telephone, fax, shipping, package pickup fees, internal printing, etc.) have not been included in Trillium's estimated cost of $ 48,619.51 and will be billed in addition to the labor costs associated with the data validation and report preparation. Historically, it has been our experience that these costs are generally between 5%-10% of the total billed labor costs, although costs from project to project can vary greatly. It is Trillium's policy, during actual contract performance, to bill these costs to our clients at the actual costs incurred, without assessing handling or administrative fees or mark-ups.

We anticipate that these data can be validated for a total project cost of $48,619.51. Your excel cost estimate spread sheet has been completed and is attached to this correspondence.

The above estimated costs are based on the following assumptions:

- All analyses will be performed by a reputable laboratory capable of producing data quality equivalent to that produced by a laboratory participating in the Contract Laboratory Program (CLP).

- Data package deliverables equivalent to those specified by the CLP requirements will be submitted for the soil and groundwater samples.

- The soil and groundwater samples will be analyzed in accordance with the most current revisions of the analytical methods chosen for this project.

- Field quality control samples (e.g., blanks, field duplicates) are included in the total number of samples provided to Trillium and are clearly identified, either in the data package itself or separately by the field team, before data packages are received for review.

- All data packages are complete, legible, and logically organized on receipt by Trillium, Inc. The packages should represent the best efforts of the laboratory and should have been subjected to adequate and sufficient quality review prior to submission for validation. No contact with the laboratory will be required to obtain missing or corrected information.

- All sample analyses for these sampling events will be reported in a minimum number of SDGs. All sample analyses for each parameter will be performed on the same instrument, as a group, under a minimum number of calibration standards to the extent possible. If calibration standards are NOT kept to a minimum, then the level of the validation effort may be significantly increased.

- Project initiation begins within ninety (90) days from the date of this quotation.

You will be invoiced only for the time actually spent reviewing these data; therefore, **if less effort is required than estimated, your costs will be reduced.** Conversely, if any of the above assumptions are not met or if the number of data packages increases, your costs may increase.

Our normal turnaround time for issuing a final validation report for each analytical data package is thirty days from our initial receipt of the data or any additional submissions from the laboratory. If your time constraints are more restrictive, we will make every effort to accommodate your schedule needs. Arrangements for rush turnaround must be scheduled in advance and may incur an increased rate.

A Purchase Order/Contract/Agreement for this work must be addressed to Trillium, Inc., 28 Grace's Drive, Coatesville, PA 19320 to the attention of Karen Shoop (or e-mailed to Ms. Shoop at kshoop@trilliuminc.com) prior to the commencement of any work. Trillium issues monthly invoices based on hourly labor rates and including associated expenses; payment terms are net 30 days from the date of the invoice. A service charge of 1% of the outstanding balance (including accumulated service charges) will be assessed for unpaid balances beyond the initial 30 days and for each 30-day increment thereafter.

We appreciate the opportunity to present this proposal and look forward to working with you. Please contact me if you have any questions regarding our proposal or the enclosures or if you require any additional information.

Very truly yours,

Engrid S. Carpenter

Engrid S. Carpenter
Quality Assessment Manager
Malcolm Pirnie Old Bethpage RFP 6-13-07

esc/pac

cc: Karen Shoop

Estimated Costs
Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Soil and Groundwater Analyses	Number Samples	QA/QC Samples	Cost/ Sample	Total Cost
SOIL - TCL VOCs	240	48	$ 46.67	$ 13,440.96
SOIL - TCL SVOCs	240	48	$ 46.67	$ 13,440.96
SOIL - TAL Metals	240	48	$ 56.00	$ 16,128.00
GW - TCL VOCs	30	11	$ 46.67	$ 1,913.47
GW - TCL SVOCs	30	6	$ 46.67	$ 1,680.12
GW - TAL Metals	30	6	$ 56.00	$ 2,016.00
			Total	**$ 48,619.51**

QUOTE REQUEST FOR DIRECT-PUSH DRILLING SERVICES

Location: **NYSDEC**
Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Drilling Companys: **Aztech, GeoLogic, Jersey Boring, LAWES, & Vironex**

Item	Aztech*	GeoLogic*	Jersey Boring & Drilling*	LAWES*	Vironex
Mobilization/ Demobilization	$4,100	$2,200	$1,500	$7,200	$1,500
Decon Pad Construction	$220	$200	$1,200	$1,200	$200
Direct-Push Drilling	$37,400	$66,000	$32,400	$82,000	$42,500
Drums	$48	$75	$100	$325	$65

$41,768	$68,475	$35,200	$90,725	$44,265

Daily Rates = Aztech ($1,870), GeoLogic ($2,200), Jersey Boring ($1,350), LAWES ($2,050)

* Aztech assumes 20 days to complete drilling scope.
* GeoLogic assumes 30 days to complete drilling scope.
* Jersey Boring & Drilling assumes 24 days to complete drilling scope.
* LAWES assumes 40 days to complete drilling scope and 5 drums.

Direct-Push Drilling includes materials, equipment, & labor for drilling, soil sampling, and soil boring abandonment.

New York State
Department of Environmental Conservation
Division of Environmental Remediation

Subcontract Certification

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 includes 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 does include a statement of compliance with all licenses, certifications and permits, if applicable. (Note: This can be determined at: http://www.wadsworth.org/labservices.htm).

2. The Contractor has determined the costs are reasonableness. 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, the COI certification must be submitted to the project manager upon activation.)

4. For subcontracts in excess (or anticipated to be) of $10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of $10,000 the subconsultant 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/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 when 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) is included as appropriate.)

9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

Signature of Contractor's Authorized Representative — Date

MALCOLM PIRNIE, INC. — D004439-8

Contractor Name — Contract No. WA No.

Jersey Boring & Drilling

Subcontractor Name — 2/7/07

BID FORM
DIRECT-PUSH DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. Mobilization and demobilization, the lump sum price of Four thousand one hundred Dollars and ——— Cents ($ 4100.00)	1 Lump sum	$ 4100.00
ITEM 2. All materials and labor necessary to construct 10'X10' decontamination pad, the lump sum price of Two hundred Twenty Dollars Dollars and ——— Cents ($ 220.00)	1 Lump sum	$ 220.00
ITEM 3. All materials, equipment, and labor necessary for direct-push drilling, subsurface soil sample collection, and soil boring abandonment, the daily unit rate of ~~eight~~ One thousand ~~eight~~ hundred seventy Dollars and ——— Cents ($ 1870.00) 2 person Crew	20 Days	$ 37,400.00
ITEM 4. Provide drums for drill cuttings, the unit rate of Forty eight Dollars and ——— Cents ($ 48.00)	1 Drum	$ 48.00
Total Bid – (Equal to the sum of Items 1 through 4)		$ 41768.00

BID FORM
DIRECT-PUSH DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK

For Aztech Technologies Inc
(Corporation Name)

In New York
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: 5 McCrea Hill Road
Ballston Spa, NY 12020

Phone No.: (518) 885-5383 FAX No (518) 885-5385

e-Mail address.: mdarcangelo@aztechtech.com

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For Aztech Technologies
(Corporation Name)

In New York
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: 5 McCrea Hill Road
Ballston Spa, NY 12020

Phone No.: (518) 885-5383 FAX No. (518) 885-5385

e-Mail address.: Mdarcangelo@aztechtech.com

GeoLogic

GeoLogic NY, Inc. P.O. Box 350 • 37 Copeland Ave. • Homer, NY 13077 • 607.749.5000 • Fax: 607.749.5063

DIRECT PUSH (GEOPROBE) QUOTATION

Date: June 8, 2007

To: Stefan Bagnato
Malcolm Pirnie, Inc.
43 British American Blvd.
Latham, NY 12110

Fax: 518-782-0500

Project: Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Scope of Work:

GeoLogic NY, Inc. proposes to provide all labor, equipment and materials to advance direct push sampling probes at the above referenced site.

Malcolm Pirnie will be responsible for obtaining access to the site, selecting the sample location and depths, and have the boring locations staked and utilities marked prior to the start of work.

Costs:

See attached Bid Form.

This quotation is valid for 60 days. If this proposal is acceptable, please sign below and return a copy for our records. If you have any questions, please do not hesitate to call.

GeoLogic NY, Inc. _____
Steve Laramee, Drilling Manager

File: proposal\geoprobe\Malcolm Pirnie – Oyster Bay - Huntington

ACCEPTED BY: _____ DATE: _____
(Signature)

_____
(Print Name)

If project owner is non-taxable we are required by the NYS Dept. of Taxation and Finance to request a completed tax exemption certificate.

BID FORM
DIRECT-PUSH DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 1 of 2

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. Mobilization and demobilization, the lump sum price of Two Thousand Two Hundred Dollars and zero Cents ($ 2,200.00)	Lump sum	$ 2,200.00
ITEM 2. All materials and labor necessary to construct 10'X10' decontamination pad, the lump sum price of Two Hundred Dollars and zero Cents ($ 200.00)	Lump sum	$ 200.00
ITEM 3. All materials, equipment, and labor necessary for direct-push drilling, subsurface soil sample collection, and soil boring abandonment, the daily unit rate of Two Thousand Two Hundred Dollars and zero Cents ($ 2,200.00)	30 Days	$ 66,000.00
ITEM 4. Provide drums for drill cuttings, the unit rate of Seventy Five Dollars and zero Cents ($ 75.00)	1 Drum	$ 75.00
Total Bid – (Equal to the sum of Items 1 through 4)		$ 68,475.00

BID FORM
DIRECT-PUSH DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 2 of 2

For GeoLogic NY, Inc.
(Corporation Name)

In New York
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: PO Box 350
Homer, NY 13077

Phone No.: 607-749-5000 FAX No. 607-749-5063

e-Mail address.: geologicny@geologic.net

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK
PAGE 1 of 1

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For GeoLogic NY, Inc.
(Corporation Name)

In New York
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: PO Box 350
Homer, NY 13077

Phone No.: 607-749-5000 FAX No. 607-749-5063

e-Mail address.: geologicny@geologic.net

JBD

150 WRIGHT ST.
NEWARK, NJ 07114
PH: 973-242-3800
FX: 973-802-1272

JEL

JERSEY BORING & DRILLING CO, INC.

JERSEY ESSAY LABS, INC.

Number of pages including cover 4

Date: 6-11-07

To: ANDREW VITOLINS From: DENNIS SPEARNOCK

Company: MALCOLM PIRNIE

Ph: 518-782-2139

Fx: 518-782-~~213~~-0500

OLD BETHPAGE INDUSTRIAL SITE

OUR GEOPROBE UNIT IS A 5410 MODEL MOUNTED ON A F250 FOUR WHEEL DRIVE PICK UP TRUCK.

BID FORM
DIRECT-PUSH DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 1 of 2

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. Mobilization and demobilization, the lump sum price of one thousand five hundred Dollars and zero Cents ($ 1,500.00)	Lump sum	$ 1500.00
ITEM 2. All materials and labor necessary to construct 10'X10' decontamination pad, the lump sum price of one thousand two hundred Dollars and zero Cents ($ 1,200.00)	Lump sum	$ 1200.00
ITEM 3. All materials, equipment, and labor necessary for direct-push drilling, subsurface soil sample collection, and soil boring abandonment, the daily unit rate of * one thousand three hundred fifty Dollars and zero Cents ($ 1,350.00)	24 Days	$ 32,400.00
ITEM 4. Provide drums for drill cuttings, the unit rate of ** one hundred Dollars and zero Cents ($ 100.00)	1 Drum	$ 100.00
Total Bid – (Equal to the sum of Items 1 through 4)		$ 35,200.00

* BORINGS TO BE DRIVEN WITH PICK-UP TRUCK MOUNTED GEOPROBE 5410 UNIT.

** ALL DRUMS TO REMAIN ON SITE FOR DISPOSAL BY OTHERS.

BID FORM
DIRECT-PUSH DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 2 of 2

For JERSEY BORING & DRILLING CO., INC.
(Corporation Name)

In NEW JERSEY
(State of Incorporation)

By Dennis A Spearnock DENNIS SPEARNOCK
(Signature of Authorized Representative)

Business Address: 150 WRIGHT ST., NEWARK, NJ 07114

Phone No.: 973-242-3800 FAX No. 973-802-1272

e-Mail address.: dennis@jerseyboring.com

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK
PAGE 1 of 1

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For JERSEY BORING & DRILLING CO., INC.
(Corporation Name)

In NEW JERSEY
(State of Incorporation)

By Dennis Spearnock Dennis Spearnock
(Signature of Authorized Representative)

Business Address: 150 WRIGHT ST., NEWARK, NJ 07114

Phone No.: 973-242-3800 FAX No. 973-802-1272

e-Mail address.: dennis@jerseyboring.com

www.LAWES.org

631-874-2112
Fax: 631-874-4547

LAND, AIR, WATER ENVIRONMENTAL SERVICES, INC.

Well Installation Geoprobe Services

FACSIMILE COVER SHEET

DATE: *6/7/2007* ***TIME:*** *9:40 AM*

TO: *Diane Bertok*

FIRM: *CMD*

FROM: ***Christine Lamprecht, President***

PHONE: 518 782-2127 ***FAX:*** 518 782-0500

Number of pages following this sheet: 4

Comments:

Please find enclosed requested quotation . Please call if you should have any questions - Thanks Christine

LAND, AIR, WATER ENVIRONMENTAL SERVICES, INC.

32 CHICHESTER AVE. PO BOX 372 CENTER MORICHES, NY 11934 (631) 874-2112 FAX (631) 874-4547

June 6, 2007

MALCOLM PIRNIE, INC.
Attn: Diane Bertok
43 British American Boulevard
Latham, NY 12110

Subject: Old Bethpage Industrial Area, Huntington & Town of Oyster Bay, NY Geoprobing proposal

Dear Ms. Bertok:

The following is Land, Air, Water Environmental Services, Inc.'s (LAWES) proposal to perform Geoprobe services at your Old Bethpage Industrial Area site in Huntington & the Town of Oyster Bay, NY.

The scope of work will be to provide a Geoprobe unit and two-man crew to bore through unconsolidated soils via Geoprobe direct push technique at (120) locations on site to approximately 40' below grade to obtain soil samples. Soil samples will be obtained with a Macro-core sampler equipped with liners. All rods and samplers will be deconned prior to beginning the boring services and between borings by liquinox wash and rinse. Restoration will consist of backfilling the boreholes with bentonite chips and patching at grade. A diesel powered track mounted Geoprobe unit will be provided for this project. All decon liquids and probing waste is anticipated to be drummed, however all waste will be managed as directed by the consultant on site. All waste will remain on site. Work is anticipated to be performed in level D PPE. No sidewalk or road opening permits are anticipated.

The cost to perform the above noted scope of work is estimated as follows:

ESTIMATED GEOPROBE COSTS

ITEM	UNIT COST	ESTIMATED UNITS	ESTIMATED COST
Mobilization	$7,200/each	1 each	$7,200
2-man crew, rig, and materials up to 8 hours	$2,050/day	40 days	$82,000
Overtime on site after 8 hours	$150/hour/man	0 hours	$0
DOT 17H drums	$65/each	5 drums	$325
Modified Level D PPE	$50/day/man	0 each	$0
Level C PPE	$100/day/man	0 each	$0
Temporary decon pad – 10' x 10'	$1,200/each	1 each	$1,200
		SUB TOTAL	**$90,725**
Nassau County Sales tax @ 8.625%	$0 tax	Municipal	$0
		TOTAL ESTIMATED PROJECT COSTS:	**$90,725**

ESTIMATED TIME LINE IN WEEKS (SINGLE PROBE UNIT)

TASK	WEEKS 1	2	3	4	5	6	7	8	9	10	11	12	13
Mobilization	X												
(120) 40' soil borings	X	X	X	X	X	X	X	X					

June 6, 2007

D. Bertok/MALCOLM PIRNIE, INC.– Old Bethpage Industrial Area Geoprobe proposal continued:

The cost to perform the preceding scope of work is estimated at $90,725. This estimate is based upon (1) mobilization, (40) days of up to eight hours of Geoprobe boring and backfilling bore holes, (0) hours overtime, (5) DOT drums, (1) 10' x 10' decon pad, (0) modified level D PPE, (0) Level C PPE, and having to collect the sales tax. All times and quantities listed above are estimated only - actual times and quantities will be dependent upon site and subsurface conditions.

MALCOLM PIRNIE, INC. will be responsible for locating and labor and equipment access to the boring location (note that all of LAWES Geoprobes are run by either a gasoline or a diesel engine – the working height on the 66DT is 12'9" and the foot print is 4' x 8'), all required permits, accepting custody of all samples from the drill master, all analytical, all markouts of all underground utilities and constructions (LAWES will take the standard industry precaution of calling in the one-call utility notification based upon information to be supplied by MALCOLM PIRNIE, INC. and pre-clearing borings to 5' below grade by hand. LAWES will not be responsible for damage to improperly or un-marked utilities or constructions on the site), site health and safety, air monitoring, all regulatory-client-owner-or tenant interfacing, supplying a resale certificate, tax exemption document or paying applicable taxes, and management and disposal of wastes. All waste will remain on site. Please note that Land, Air, Water Environmental Services, Inc. is a CERTIFIED WOMAN OWNED BUSINESS ENTERPRISE (WBE) and all work supplied will be nonunion. This project was <u>not</u> bid as a prevailing wage project and will be valid for a period of sixty days from issue.

Terms of this proposal will be full payment within 45 days of invoice. A 1.5% per month fee will be applied against all balances over forty-five days to offset LAWES costs to finance the outstanding balance. All attorney and filing fees incurred to collect overdue invoices will be the responsibility of the client. Any controversy or claim arising out of this contract or breach thereof shall be settled either administratively by the American Arbitration Association in Nassau County at 666 Old Country Road, Garden City, NY with a single arbitrator under its Commercial Arbitration Rules, or in a local Court of Law at LAWES discretion. Judgment on any award may be entered in any Court having jurisdiction.

If you should have any questions or comments concerning this proposal please feel free to call and I will be happy to be of assistance.

Sincerely yours,

John M. Lamprecht
V. President

Accepted by :_____

Title :_____

Date :_____

JML:mm
Page 2.

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK
PAGE 1 of 1

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For Land, Air, Water Environmental Services, Inc.
(Corporation Name)

In New York
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: 32 Chichester Avenue, Center Moriches, NY 11934

Phone No.: 631 874-2112 FAX No. 631 874-4547

e-Mail address.: Christine@LAWES.org

BID FORM
DIRECT-PUSH DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 2 of 2

For Land, Air, Water Environmental Services, Inc.
(Corporation Name)

In New York
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: 32 Chichester Avenue, Center Moriches, NY 11934

Phone No.: 631 874-2112 FAX No. 631 874-2112

e-Mail address.: Christine@LAWES.org

BID FORM
DIRECT-PUSH DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK

DESCRTPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
HEM 1. Mobilization and demobilization, the lump sum price of _____ Fifteen Hundred Dollars and _____ No Cents ($1,500.00)	Lump sum	$1,500
ITEM 2. All materials and labor necessary to construct 10'X10' decontamination pad, the lump sum price of _____ Two Hundred Dollars and _____ No Cents ($200.00)	Lump sum	$200
ITEM 3 All materials, equipment, and labor necessary for direct-push drilling, subsurface soil sample collection, and soil boring abandonment, the daily unit rate of _____ Seventeen Hundred Dollars and _____ No Cents ($1,700.00)	Days	$42,500
ITEM 4. Provide drums for drill cuttings, the unit rate of _____ Sixty Five Dollars and _____ No Cents ($65.00)	1 Drum	$65
Total Bid - (Equal to the sum of Items 1 through 4)		$44,265

BID FORM
DIRECT-PUSH DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK

For Vironex

In: Maryland

By: David Wiley

Business Address: 4961 Telsa Dr. Suite E

Bowie MD 20715

Phone No.: 301-352-6642 Fax No. 301-352-6643

e- Mail address: dwiley@vironex.com

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNITNGTON, SUFFOLK COUNTY, NEW YORK

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

CertifiedBy:

I acknowledge that the subcontractor has no conflict of interest

For: Vironex
In: Maryland
By: David Wiley
Buusiness address: 4961 Telsa Dr. Suite E
Bowie, MD 20715
Phone No: 301-352-6642 Fax No: 301-352-6643
e-Mail address: dwiley@vironex.com

QUOTE REQUEST FOR GEOPHYSICAL SERVICES

Location: **NYSDEC**
Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Drilling Companys: **ARM, Hager-Richter, Naeva, Radar Solutions, & Weston**

Item	Estimated Quantity	Unit	ARM	Hager-Richter	Naeva*	Radar Solutions*	Weston
Mobilization/Demobilization	1	Lump Sum	$1,700	-	$630	$3,650	$500
Geophysical Survey and Site Map	1	Lump Sum	$17,020	$90,000	$60,210	$32,750	$27,000
TOTAL COST:			$18,720	$90,000	$60,840	$36,400	$27,500

Daily Rate - $3,000 (Hager-Richter)
$2,000 (Weston)

* Radar Solutions assumes 15 days to complete geophysical survey scope.
* Naeva assumes 1.5 days/property to complete geophysical survey scope.
All other firms assume 30 days to complete geophysical survey scope.

New York State
Department of Environmental Conservation
Division of Environmental Remediation

Subcontract Certification

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 includes 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 does include a statement of compliance with all licenses, certifications and permits, if applicable. (Note: This can be determined at: http://www.wadsworth.org/labservices.htm).

2. The Contractor has determined the costs are reasonableness. 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, the COI certification must be submitted to the project manager upon activation.)

4. For subcontracts in excess (or anticipated to be) of $10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of $10,000 the subconsultant 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/gbul/g221.htm.)

5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises/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 when 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) is included as appropriate.)

9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

Signature of Contractor's Authorized Representative — Date

MALCOLM PIRNIE, INC. — D004439-8

Contractor Name — Contract No. WA No.

ARM Geophysics

Subcontractor Name — 2/7/07

June 11, 2007

Mr. Andrew Vitolins
Malcolm Pirnie, Inc.
43 British American Boulevard
Latham, New York 12110

Re: Geophysical Survey
Old Bethpage Industrial Area (#1-30-171)
NY Dept of Environmental Conservation
Standby Contract #D004439-WA8)
Oyster Bay and Huntington, NY
ARM Proposal P07347

Dear Mr. Vitolins:

ARM Geophysics (ARM) is pleased to present this proposal to Malcolm Pirnie, Inc. (MPI) to conduct a geophysical investigation at the Old Bethpage Industrial Area (Bethpage) site located in Oyster Bay, Nassau County and Huntington, Suffolk County, New York. The Bethpage site consists of 31 properties and as part of this project a Site Characterization is being performed at 15 properties. This work is being performed under the New York State Department of Environmental Conservations (NYSDEC) Standby Contract (#D004439-WA8). MPI has requested a cost quote for locating buried pipelines, potential underground storage tanks (USTS), and to the extent possible areas of concrete fill material at the 15 properties.

After reviewing the information provided by MPI, ARM has prepared this proposed work scope and cost estimate based on its employee's experience performing similar investigations at other similar facilities.

GEOPHYSICAL INVESTIGATION

Based on the information provided by MPI, each of the 15 sites is approximately two acres in size; however, approximately one acre of each site consists of a building structure. Geophysical surveying will not be performed inside any of the buildings or other structures on the properties. ARM has assumed that approximately one acre from each of the 15 sites will be surveyed with the geophysical equipment.

1129 West Governor Road P.O. Box 797 Hershey, PA 17033-0797
Voice: (717) 533-8600 Fax: (717) 533-8605 E-mail: info@armgeophysics.net

While performing this scope of work, ARM will comply with all applicable licensing requirements, certifications, and permits.

ARM proposes a multi-staged investigation in each survey area in order to help MPI identify and mark the underground utilities, potential USTS, and concrete fill areas. ARM requests MPI notify the New York State utility locate/mark out system to request the utility owners mark their utilities. ARM then proposes using several geophysical methods, which include metal detectors, utility locators and ground penetrating radar (GPR). The methods and limitations of the equipment are described in Table 1 following the text. The following sections describe the proposed utility mark out plan for each survey area.

Task 1: Metal Detectors
The first phase of the field investigation is to conduct a high sensitivity metal detection (MD) survey using an EM61 manufactured by Geonics, LTD. In the 15 survey areas, the MD survey will be performed along traverses spaced every 5 feet.

During the geophysical survey, the EM61 data will be collected simultaneously with a submeter global positioning system (GPS) at a rate of one reading per second. The coordinate system used during this investigation will be the U.S. State Plane, North American Datum (NAD) 1983, New York Zone. If the GPS cannot record sufficient satellite coverage at any of these sites, a local grid system will be established and tied to a known feature at the site, such as a building corner.

Task 2: Utility and Pipe Locators
ARM will utilize a pipe and utility locator device to verify the marks made by the utility marking organization as well as search for additional, unmarked utilities. ARM will perform inductive or conductive tracing where necessary. Inductive locating is a one-man operation used for locating a particular object or several points along a buried pipeline or cable. It is the preferred method for locating unknown or lost conductors. Conductive tracing is a one-man operation used for tracing an individual pipe or cable (conductor) or for use when other conductors or metal objects are nearby. This method may also be used to trace nonmetallic pipe by connecting to a wire, plumber's snake, or electrical fish tape that is placed into the nonmetallic pipe.

As part of this phase, ARM will utilize a Metrotech 50/60 Hertz locator to screen for loaded (active) underground power lines in both survey areas.

Task 3: Ground Penetrating Radar Survey
The GPR survey will be conducted along traverses that are 10 feet apart and oriented in two directions, approximately north to south and east to west. GPR screening will be conducted using a Model SIR-3000 GPR unit manufactured by Geophysical Survey Systems with a 400-megahertz antenna.

All identified utilities and pipes will be marked on the ground surface with paint or pin flags. The utilities will be marked in the field following the American Public Works Association's Uniform Color Code which is as follows: Red=electrical power lines; Yellow= gas, steam, or petroleum; Orange= telephone, communication; Blue= Water; and Green= Sewers. Unknown

utilities discovered during the survey that cannot be specifically identified will be marked in pink.

SURFACE GEOPHYSICAL SURVEY REPORTING

ARM will provide a detailed letter report to MPI describing the activities that occurred onsite, protocols followed by the survey teams, and a scaled map presenting the results of the geophysical surveys referenced to a coordinate system such as the U.S. State Plane system. The maps will show the locations of the geophysical survey and any utilities, potential USTS, or concrete fill areas found during the geophysical investigation. The maps will be provided in hard copy and electronic format.

ASSUMPTIONS

In preparing the cost estimate as presented in the following section, ARM assumed the following concerning project implementation:

- The survey will require approximately 8 field days to complete.
- The survey team will consist of two geophysicists.
- No vehicles will be parked on the investigation area, or can be moved upon request.

SURVEY LIMITATIONS

The proposed investigation work scope includes standard and/or routinely accepted practices of the geophysical industry. ARM proposes to utilize multiple methods in order to reduce the risk of missing an underground utility, due to the depth it is buried, the soil type and conditions, the piping materials, and other site-specific conditions that may interfere with the effectiveness of the geophysical equipment and mask the existence of an underground utility. Concrete with metal reinforcement will impede the metal detector and GPR effectiveness. In addition high-energy overhead power lines will interfere with the effectiveness of the metal detector.

However, by its nature, no subsurface survey can completely define subsurface conditions thus ARM will conduct this survey in accordance with industry standards and cannot accept responsibility for inherent technique limitations, survey limitations or unforeseen site-specific conditions.

COST AND INSURANCE

Based on information provided to ARM and on the above assumptions, the lump sum cost to complete the work scope described in the preceding paragraphs has been provided in Attachment A - Bid Form. This proposal constitutes the entire contract for this project. ARM's federal tax ID number is 25-1807594.

ARM has attached a generic copy of the corporate insurance policy within Attachment A, following the bid form.

PROJECT SCHEDULE

If selected as the winning bid, ARM can mobilize to the site to begin surveying within one week of the notice to proceed.

CONFLICT OF INTEREST

ARM has reviewed the Conflict of Interest Certification that was provided with the scope of work as Appendix B. To the best of ARM's knowledge, ARM has no organizational or personal conflict of interest with the potential responsible parties listed in the scope of work. The signed certificate is included in Attachment B.

SUBCONTRACTOR QUALIFICATIONS

ARM understands that the following minimum criteria during the period of performance of this project:

- Provide the necessary personnel and equipment to complete the geophysical surveys described in the scope of work provided by MPI
- All ARM geophysicists provided for work on this project have the OSHA 29CFR1910.129 training with current 8-hour annual refreshers.

ARM is a full service geophysical service company with 11 full time geophysicists on staff. ARM geophysicists have performed numerous successful investigations similar to those being requested in this RFP with the EM61, GPR, and utility locators. ARM has worked previously for MPI for the Philadelphia and Delaware offices. Geophysical investigations performed during that project were similar to this SOW.

A copy of ARM's environmental geophysical qualifications packet has been included in Attachment C.

TERMS AND CONDITIONS

All services will be provided in accordance with mutually agreed to terms and conditions. Invoices will be prepared upon completion of the work. Our terms for payment are net: 30 days. Invoices aging past 30 days are subject to a late fee of 1½-percent per month.

PROPRIETARY NOTICE

SUMMARY

We appreciate this opportunity to submit this proposal to you. We look forward to your favorable review of this proposal and to the successful completion of this project. To signify your acceptance of this proposal, please forward either a signed copy of this letter or a purchase order to my attention at our office. If you have any questions or require any further information, please feel free to contact the undersigned at your convenience.

Respectfully submitted,

ARM Group Inc.

Beth A. Williams

Beth A. Williams, P.G.
Senior Geophysicist

Accepted by:

_____ _____

Authorized Signature Title

_____

Date

ATTACHMENT A

BID FORM

BID FORM
GEOPHYSICAL SURVEY SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 1 of 1

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. Mobilization and demobilization, the lump sum price of One Thousand Seven Hundrerd Dollars and Zero Cents ($)	Lump sum	$1,700
ITEM 2. Provide all necessary crew and equipment to conduct geophysical survey and prepare site maps, the lump sum price of Seventeen Thousand Twenty Dollars and Zero Cents ($)	Lump sum	$17,020
Bid Total – (Equal to the sum of Items 1 and 2)		$18,720

For ARM Group Inc.
(Corporation Name)

In Pennsylvania
(State of Incorporation)

By Beth A. Williams
(Signature of Authorized Representative)

Business Address: 1129 W. Governor Road Hershy, PA 17033

Phone No.: 717-533-8600 FAX No. 717-533-8605

e-Mail address.: bwilliams@armgroup.net

Client#: 34163 ARMGROU

ACORD. CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 10/06/06

PRODUCER
Murray Insurance Associates
P. O. Box 1728
Lancaster, PA 17608-1728
717 397-9600

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

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Hartford Casualty Ins Co	29424
INSURER B: Twin City Fire Insurance	29459
INSURER C:	
INSURER D:	
INSURER E:	

INSURED
ARM Group Inc.
1129 West Governor Road
PO BOX 797
Hershey, PA 17033

COVERAGES

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

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A		GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY PRO-JECT LOC	44SBATT6713	10/01/06	10/01/07	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$1,000,000 $300,000 $10,000 $1,000,000 $2,000,000 $2,000,000
A		AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS	44URCTI9921	10/01/06	10/01/07	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$1,000,000 $ $ $
		GARAGE LIABILITY ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
A		EXCESS/UMBRELLA LIABILITY X OCCUR CLAIMS MADE DEDUCTIBLE X RETENTION $ 10,000	44SBATT6713	10/01/06	10/01/07	EACH OCCURRENCE AGGREGATE	$5,000,000 $5,000,000 $ $ $
B		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	44WECRF5746	10/01/06	10/01/07	X WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$500,000 $500,000 $500,000
		OTHER					

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

CERTIFICATE HOLDER

ARM Group Inc.
1129 West Governor Road
P.O. Box 797
Hershey, PA 17033-0797

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

ATTACHMENT B

Conflict of Interest Form

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK
PAGE 1 of 1

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For ARM Group Inc.
(Corporation Name)

In Pennsylvania
(State of Incorporation)

By Beth A. Williams
(Signature of Authorized Representative)

Business Address: 1129 W. Governor Road PO BOX 797
Hershey, PA 17033

Phone No.: 717-533-8600 FAX No. 717-533-8605

e-Mail address.: bwilliams@armgroup.net

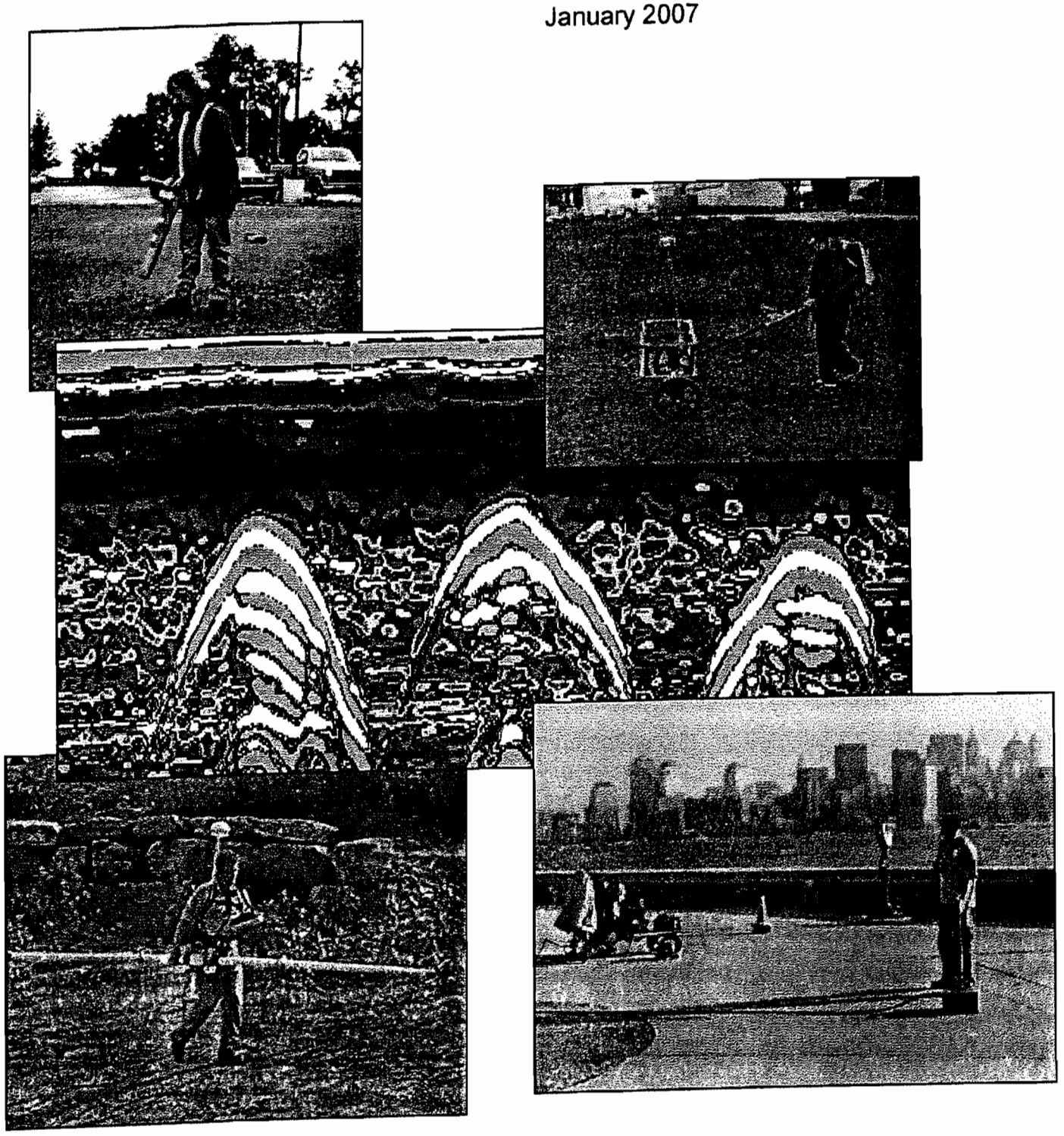
ATTACHMENT C

ENVIRONMENTAL QUALIFICATIONS

ARM Group Inc.

Geophysical Surveying Services Qualifications

January 2007



ARM Group Inc.

Geophysical Services

ARM Group Inc. (ARM) personnel have extensive experience and capability to provide support on geophysical mapping for environmental and geotechnical projects. The following text, including the relevant project experience and resumes will demonstrate this capability. The following is a representative list of clients where ARM personnel have performed geophysics:

- Malcolm Pirnie, Inc.
- PECO
- PP&L
- Bethlehem Steel
- Michael Baker Jr. Inc.
- CH2MHill
- Gannett Fleming
- USACE Philadelphia
- USACE Baltimore
- USACE Huntsville
- US Department of Energy
- Parsons Infrastructure
- SAIC
- Armstrong World Inc.
- Air Products Inc.
- Kleinfelder Inc.
- Mobil Oil
- Montgomery Watson
- URS
- Shaw Environmental

Field Capabilities - ARM personnel have experience and capability in planning and performing geophysical surveys for site investigations. This experience allows ARM to provide surveys from a wide selection of sensors, positioning systems, and sampling approaches. The following table describes instrumentation and approaches that ARM personnel have available:

Table 1

Sensors	Positioning Systems	Mapping Applications
Geonics EM-34	Trimble Pro XRS Submeter GPS systems	Utilities
Geonics MKII EM-61	Leica and Ashtech Z-Xtreme RTK Survey Grade GPS	USTs
Geonics EM-31	Leica Robotic Total Station	Top of rock
GeometricsG-858 magnetometers	Arc Second Positioning System	Sinkhole voids
GSSI SIR 3000 GPR	Fiducials and Odometers	Fractured rock
Geophex Gem 3		Preferential flow paths
G-Tek TM5-EMU		Contamination plumes
AGI Super Sting EI system		
Geometrics Strataview Seismograph		

Relevant Project Experience

JOB NAME **EM-31 Karst Investigation**

CLIENT **Alliance Environmental Services**

JOB LOCATION **Lebanon County, Pennsylvania**

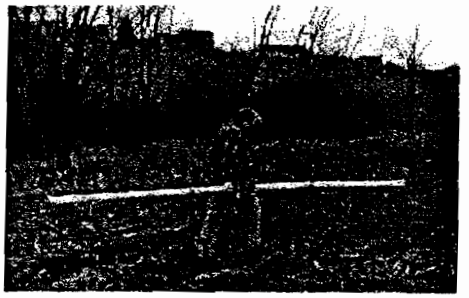
OBJECTIVES
Alliance Environmental Services was interested in assessing the 8-acre parcel of property located on carbonate terrain for discrete areas of thick soil, lineaments and shallow bedrock areas.

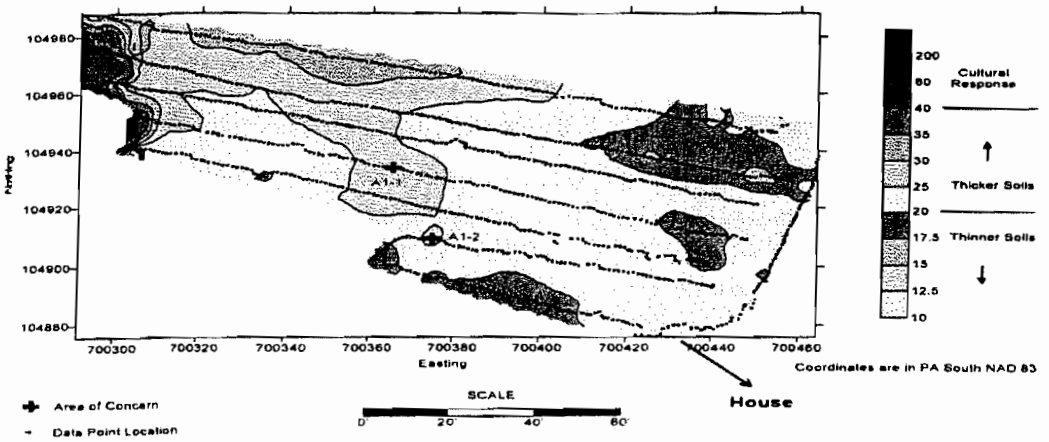
GEOPHYSICS METHOD
An EM-31 geophysical survey was performed at the property. ARM performed the EM-31 survey using an EM-31 DL conductivity meter manufactured by Geonics Ltd. The EM-31 data was collected simultaneously with a Trimble PRO-XRS Differential GPS.

DATA VOLUME
ARM conducted a series of EM survey traverses across the four areas of interest. The EM-31 data was collected across these areas with a traverse spacing of 40 feet for a total of approximately 4 miles. Contour maps of the quadrature and inphase data collected at the site were generated for interpretation.

OUTCOME
The EM-31 quadrature map generated from the data collected at the site indicates that there is no significant anomalies observed that would suggest active sinkhole activity. There were several areas where elevated conductivity may indicate areas of concern for future sinkhole activity. The areas of concern were marked in the field with pin flags.

Right: EM-31 data being collected by geophysicist.
Below: EM-31 terrain conductivity map with the quadrature phase mapped. There are two areas of concern labeled on this map.





JOB NAME **Arrow Carting Landfill Site**

CLIENT **Baker Environmental, Inc.**

JOB LOCATION **Bucks County, Pennsylvania**

OBJECTIVES

Baker Environmental, Inc. was interested in assessing the nature of waste material and the soil, surface and groundwater conditions at the site as part of a site characterization study.

GEOPHYSICS METHOD

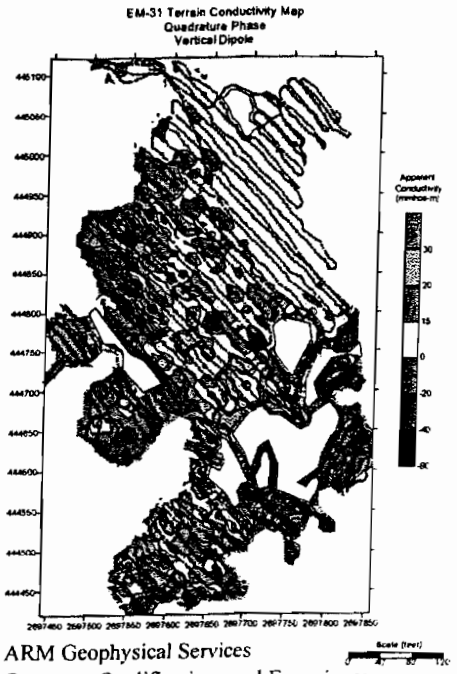
Two geophysical surveys were performed at the facility, EM-31 and seismic refraction. ARM performed the EM-31 survey using a terrain conductivity survey manufactured by Geonics Ltd. The EM-31 data was collected simultaneously with a Trimble PRO-XRS Differential GPS. A seismic refraction survey was conducted using a Geometrics Strataview 24 channel seismograph. The data collected during these surveys were used to map the landfill limits and the concentration of metallic debris in the subsurface. The data from the seismic refraction survey was also used to provide information on the vertical extent of the landfill.

DATA VOLUME

The EM-31 data was collected along traverses spaced ten feet apart for a total of approximately 5 miles of EM-31 data collected and evaluated for this project. Contour maps of the quadrature and inphase data collected at the site were generated for interpretation. Seventeen spreads of seismic refraction data (for a total of 4080 feet) were collected and processed using SIPT2 software.

OUTCOME

The EM-31 quadrature map generated from the data collected at the site indicates the presence of numerous anomalies that may represent areas of metallic material. Higher EM responses at the edges of the landfill's southern edge suggested the presence of metallic material, possibly drums. Baker excavated six test pits in areas where the EM data suggested metallic debris. The test pits confirmed the presence of metallic debris and fill materials. No drums were observed in the test pits.



The SIPT2 analysis of the seismic data indicated unconsolidated thickness under the study area ranging from 9 to 15 feet.

JOB NAME **UST Investigation-South Williamsport**

CLIENT **Michael Baker Jr., Inc.**

JOB LOCATION **Lycoming County, Pennsylvania**

OBJECTIVES

Baker Environmental, Inc. was interested in evaluating the possible presence of underground storage tanks at two sites located along Route 15 in South Williamsport, Pennsylvania.

GEOPHYSICS METHOD

Two geophysical methods, ground penetrating radar (GPR) and metal detection (EM-61), were used to attempt to locate any underground storage tanks on the property. The EM-61 metal detector was manufactured by Geonics, Inc. GPR screening was conducted using a Model SIR-2 GPR unit manufactured by Geophysical Survey Systems with a 500-megahertz antenna. ARM established a survey grid at each site. EM-61 and GPR data was collected along each traverse. The EM-61 and GPR data collected during these surveys were used to locate any anomalies with characteristics similar to buried USTs.

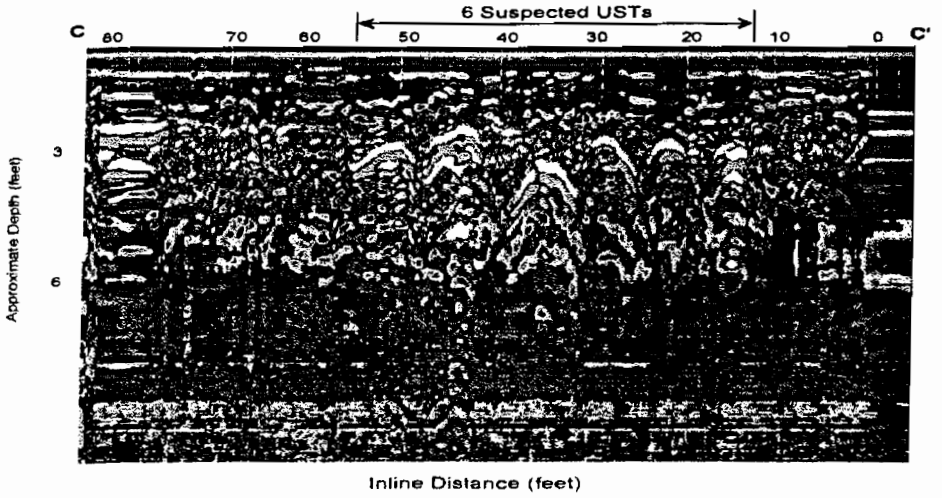
DATA VOLUME

The EM-61 and GPR data were collected along traverses spaced 10 feet apart and oriented in both directions for a total of approximately 1,640 feet of EM-61 and GPR data collected and evaluated for the two sites.

OUTCOME

Two unknown anomalies were found at the first site in the GPR data. The two anomalies exhibited faint parablic characteristics. There was a sign located directly where USTs would have been at the first site and masked the possibility of looking at the subsurface. Six suspected underground storage tanks and one unknown anomaly were found at the second site. An example of one of the GPR profiles with the six suspected USTs is shown below. Large parabolic shapes on the GPR profiles indicate the possible presence of USTs. The locations of the USTs were noted with the Baker representative on-site.

An example of one of the GPR traverses containing anomalies with characteristics consistent with USTs.



JOB NAME **S.R. 2001 Underground Storage Tank Site**

CLIENT **Baker Environmental, Inc.**

JOB LOCATION **Pike County, Pennsylvania**

OBJECTIVES

Baker Environmental, Inc. was interested in evaluating the possible presence of underground storage tanks at five sites along S.R. 2001 in Pike County, Pennsylvania.

GEOPHYSICS METHOD

A ground-penetrating radar (GPR) survey was conducted at each of the sites. GPR screening was conducted using a Model SIR-2 GPR unit manufactured by Geophysical Survey Systems with a 500-megahertz antenna.

ARM established a survey grid at each site and collected GPR traverses along each traverse. The GPR data collected during these surveys were used to locate any anomalies with characteristics similar to buried USTs.

DATA VOLUME

The GPR data were collected along traverses spaced 5 feet apart and oriented in both directions for a total of approximately 3000 feet of GPR data collected and evaluated for the five sites.

OUTCOME

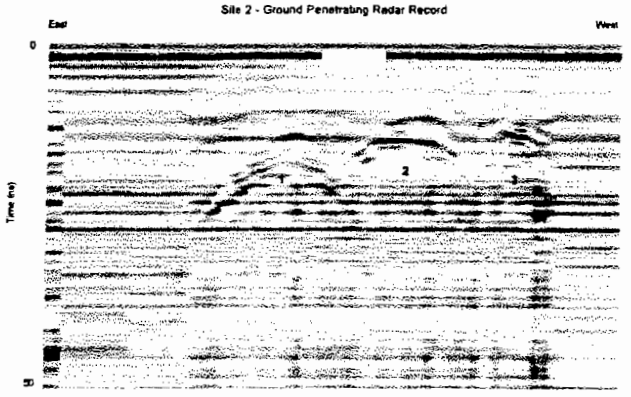
Three underground storage tanks were found at the second site. An example of one of the GPR profiles is shown below. Anomalies with characteristics similar to UST's can be seen on the profile. Large parabolic shapes on the GPR profiles indicate the possible presence of UST's. The four corners of the suspected UST's were marked in the field with pin flags or spray paint and their positions were then located using a Trimble ProXRS Global Positioning System (GPS).

An example of one of the GPR traverses containing anomalies with characteristics consistent with USTs.

A picture of the GPR survey being performed at one of the five sites.

Figure 1

Site 2 - Ground Penetrating Radar Record



JOB NAME **Former Kelly Air Force Base**

CLIENT **Science Applications International Corporation**

JOB LOCATION **San Antonio, Texas**

OBJECTIVES

SAIC was interested in evaluating areas of potentially buried drums in sections D-4 and D-5 at the former Kelly Air Force Base. There were high concentrations of organic solvents in the groundwater, indicating the possible presence of additional sources of organic solvents, possibly buried drums.

GEOPHYSICS METHOD

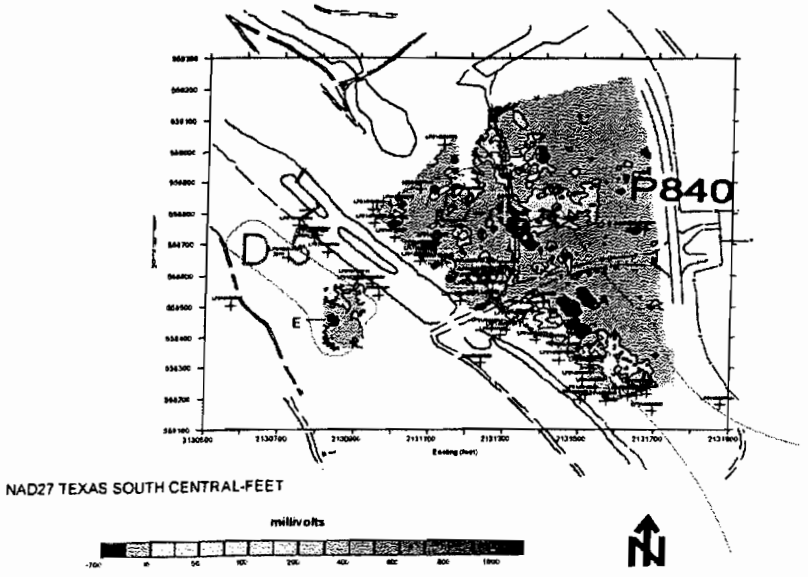
The geophysical technique used during this investigation was the electromagnetic metal detection (EM-61). An EM-61 manufactured by Geonics, Ltd was used to collect the data. The EM-61 data was collected simultaneously with a global positioning system (GPS).

DATA VOLUME

A survey grid was established at the two locations. EM-61 data was collected along traverses oriented approximately northeast to southwest and at a spacing of 10 feet between the traverses for a total of approximately XXXX feet of EM-61 data. EM-61 data were collected simultaneously with GPS measurements at a rate of one reading per second.

OUTCOME

There were four anomalies that were interpreted to be potential buried drums at the first site. At three of the anomalies there were partially exposed drums at the surface. Data interpretation revealed areas of elevated EM-61 responses. Most of the sources of the anomalies are unknown which may indicate more deeply buried drums. The second site indicated one anomaly of concern. Historical information indicated this area was once a burn pit.



EM-61 differential data showing yellow shaded areas of

JOB NAME	**Glatfelter Hangar**
CLIENT	**Glatfelter**
JOB LOCATION	**Thomasville, Pennsylvania**

OBJECTIVES

The objective of the geophysical investigation at the P.H. Glatfelter Hangar in Thomasville, Pennsylvania was to identify potential areas of subsidence and lateral extent of any voids underneath the concrete floor of the hangar.

GEOPHYSICS METHOD

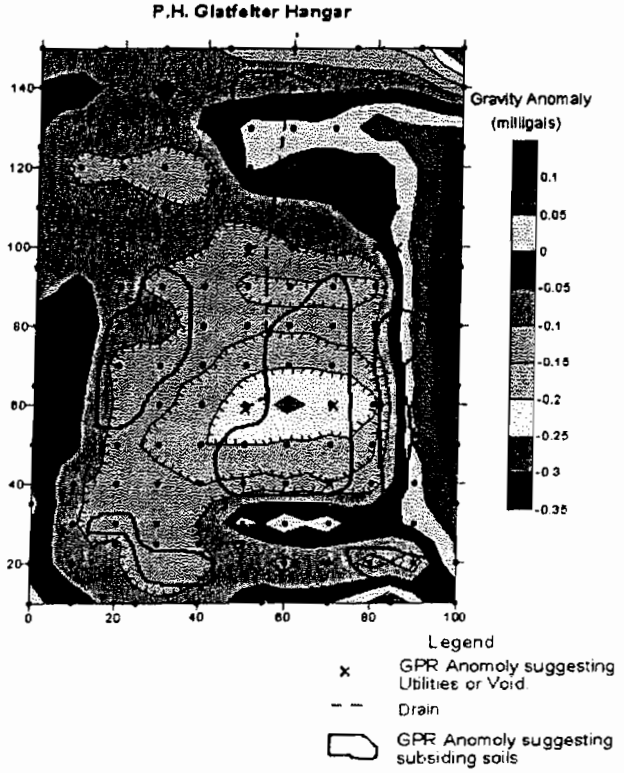
Two geophysical methods, microgravity and ground penetrating radar (GPR), were used to attempt to locate any voids or potential subsidence areas. The GPR, model SIR2000, and 400 megahertz antenna used during this survey were manufactured by GSSI. The microgravity survey was performed using a Lacoste & Romberg Model G gravity meter.

DATA VOLUME

More than 40 GPR traverses were collected at a spacing of every 20 feet in two directions across the inside and outside of the hangar for a total of approximately 30,000 linear feet of data GPR. Microgravity measurements were recorded on a 20- foot grid pattern, 156 microgravity measurements were recorded for this survey.

OUTCOME

GPR records collected in several areas showed anomalies that may represent voids or potential subsidence areas. Results of the microgravity survey indicated the presence of possible voids. The figure below shows the contoured microgravity readings. Milligal readings less than -0.15 may represent possible voids in the subsurface. Currently Glatfelter is reviewing the survey results and will determine their course of action at a later date.



JOB NAME	**Glatfelter- Electrical Substation Area**
CLIENT	**Glatfelter- Spring Grove Facility**
JOB LOCATION	**Spring Grove, Pennsylvania**

OBJECTIVES

The objective of the geophysical investigation at the Glatfelter Spring Grove facility in Spring Grove, Pennsylvania was to locate and mark underground utilities in an area near the electrical substation prior to excavation activities.

GEOPHYSICS METHOD

Two geophysical methods, ground penetrating radar (GPR) and two different forms of line locators, were used to attempt to locate and mark underground utilities. The GPR, model SIR2, and 500 megahertz antenna used during this survey were manufactured by GSSI. There were two line locators used during this utility survey: the MetroTech 810 locator manufactured by MetroTech and the RD400 manufactured by RadioDetection. The MetroTech 810 and the RD400 are used to screen the subsurface for "lost" or unknown utility lines. The RD400 is also used to screen the subsurface for "live" underground electrical conduits.

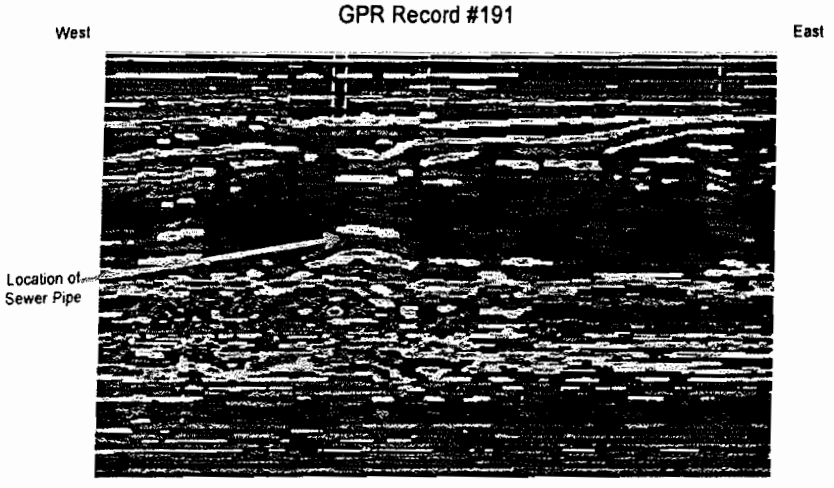
DATA VOLUME

More than 20 GPR traverses were collected in the survey area in two directions across the inside and outside of the electrical substation's perimeter fence. Each line locator was used to screen the area for underground utilities. The line locators were passed along the ground surface in multiple directions across the survey area.

OUTCOME

The RD400 identified the underground conduit extending from the substation to the manhole at the control building. A second underground electrical line was identified in the survey area. The second line is located parallel and inside of the substation perimeter fence and is possibly the line that feeds electricity to the overhead lights. GPR records collected around the two storm inlets showed an anomaly with characteristics of a pipe connecting the two storm inlets together. Underground utilities identified in the field using the line locators and the GPR were marked on the ground with colored spray paint. Estimated depths to the top of the utility were painted on the ground next to the utility location mark. Glatfelter plans to perform the excavation activities in the near future.

Glatfelter- Substation Area
GPR Record #191



JOB NAME	**Connonquenessing Elementary School, Seneca Valley School District**
CLIENT	**Land Surveyors, Inc.**
JOB LOCATION	**Butler, Pennsylvania**

OBJECTIVES

The objective of the geophysical investigation at the Connonquenessing Elementary School in Butler, Pennsylvania was to locate and mark all underground utilities on the school property.

GEOPHYSICS METHOD

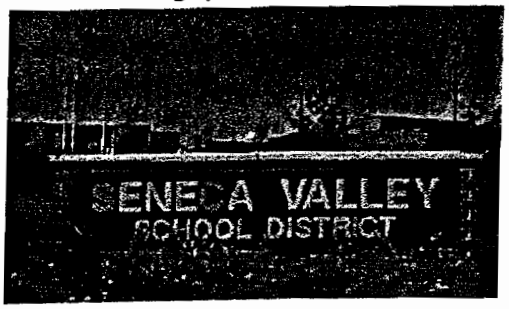
Threee geophysical methods, ground penetrating radar (GPR), metal detection (EM-61) and two different forms of line locators, were used to attempt to locate and mark all underground utilities on the property. The GPR, model SIR2, and 500 megahertz antenna used during this survey were manufactured by GSSI. The EM-61 metal detector was manufactured by Geonics, Inc. There were two line locators used during this utility survey: the MetroTech 810 locator manufactured by MetroTech and the RD400 manufactured by RadioDetection. The MetroTech 810 and the RD400 are used to screen the subsurface for "lost" or unknown utility lines. The RD400 is also used to screen the subsurface for "live" underground electrical conduits.

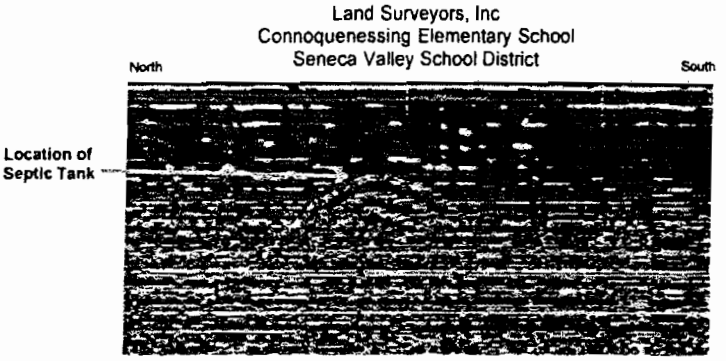
DATA VOLUME

More than 20 EM-61 traverses were collected on the school property, for a total of approximately 10,000 linear feet of data. The GPR traverses were collected along traverses near the main building around manholes and storm sewer inlets. The Pennsylvania One Call System was notified prior to the survey activities and local utility owners marked their utility lines up to the property line of the school. The line locators were used to locate these underground utilities and then trace them further onto the school property, generally up to the school building. After verifying the known utilities each line locator was used to screen the area for unknown underground utilities. The line locators were passed along the ground surface in multiple directions across the survey area.

OUTCOME

Numerous utilities such as: three water lines, one gas line, two phone lines, and several sewers were located on the school property using the GPR, the EM-61 and the line locators. Underground utilities identified in the field were marked on the ground with colored spray paint or with colored pin flags. Estimated depths to the top of the utility were painted on the ground next to the utility location mark or on the pin flag. Land Surveyors, Inc surveyed the locations of the utilities and included the locations on the site drawings provided to the school district.





JOB NAME	**Pole Mountain Target and Maneuver Area**
CLIENT	**U.S. Army Corps of Engineers, Huntsville Center**
JOB LOCATION	**Albany, Wyoming**

OBJECTIVES

The objective of the geophysical investigation at the Pole Mountain Target and Maneuver Area was to identify and locate buried unexploded ordnance (UXO).

GEOPHYSICS METHOD

The project had several stages before completion. Before any geophysical surveys began, ordnance specialists removed any UXO located on the ground surface. The first phase of the investigation was to determine which geophysical method would be the most time and cost effective. Three geophysical surveys, Geometrics G858G magnetometer, the GEM-3 EM, and the Geonics EM-61 (0.5 by 1 meter coil), were performed to determine which one was most effective at the facility. A test plot was established adjacent to the main survey area, the three instruments collected data over the test plot, then "dummy" UXO was buried at 24 locations within the test plot. The locations of some of the UXO items were known to ARM and some of the items were buried at unknown locations by the USACE representative. The test plot was then surveyed with the three instruments to determine which instrument and which traverse spacing was the most effective. The EM-61 was determined to be the most effective geophysical method at the Pole Mountain facility.

DATA VOLUME

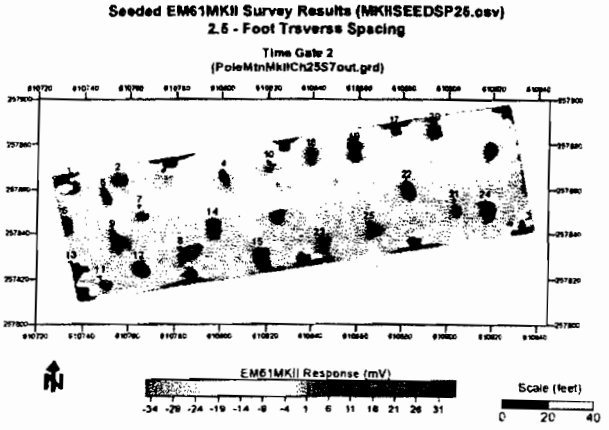
As part of the geophysical prove out, there were three areas surveyed- the main area, the ridge and the meandering path survey. The primary investigation area (surveyed at a later time) was divided into 200 by 200 foot grids for the survey. EM-61 data were collected in each grid at a traverse spacing of 3 feet. For each 200 ft by 200 ft grid there were 13,500 feet of EM-61 data collected and processed for evidence of buried UXO.

OUTCOME

After completion of each grid, the data was processed and reviewed for evidence of anomalies with characteristics of buried UXO. After processing, a "dig sheet" was prepared indicating the location and approximate depth of each anomaly located in a particular grid.

Sample of the Pole Mountain EM-61 data sets collected during the geophysical test plot.

EM-61 data recorded simultaneously with GPS location data on the test plot of the Pole Mountain Target and Maneuver Area.



JOB NAME **Bedrock Rippability Study**

CLIENT **URS Corporation**

JOB LOCATION **Pearl River, New York**

OBJECTIVES

A seismic refraction survey was performed at a pharmaceutical facility to provide bedrock rippabilty information at a planned construction site.

GEOPHYSICS METHOD

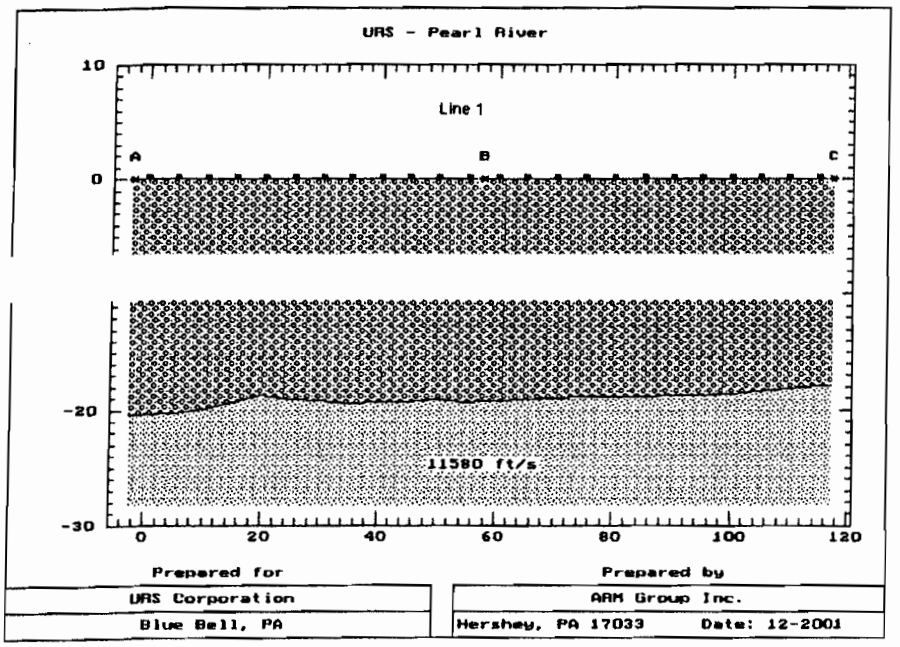
The survey was conducted using a EG&G Geometrics Strataview 24 channel seismograph. The data collected during these surveys were used to determine the rippability of the bedrock

DATA VOLUME

Five spreads of seismic refraction data (for a total of 600 feet) were collected and processed using SIPT2 software.

OUTCOME

After analysis of the seismic survey data it was determined there was a presence of two layers in the subsurface. The shallow layer was consistent with a soil derived from glacial till. The deeper layer was consistent with sandstone bedrock. The average depth to bedrock ranged from 12 to 18 feet below ground surface. Less than half of the site was reported to be of rippable bedrock.



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Bedrock along seismic line is considered to be rippable.

References

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Mr. Marty Miele
Senior Geophysicist/Project Manger
Shaw Infrastructure
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Email: martin.miele@shawgrp.com

Mr. Grant Anderson
Geophysicist/Project Manager
USACE-Baltimore District
Phone: 410-962-6645
Email: Grant.A.Anderson@usace.army.mil

Resumes of Key Personnel

Name/Title:	**Jeffrey Leberfinger**, PG / Senior Geophysicist
Firm:	ARM Group Inc.
Years of Experience:	18
Formal Education:	MS / 1995 / Geology / University of Toledo, Ohio
	BS / 1987 / Geology / Bloomsburg University of PA
Continuing Education / Training:	1992 / Time and Frequency Domain Electromagnetics
	1993 / Ground Penetrating Radar
	1999 / Three Dimensional Ground Penetrating Radar
	1999 / ArcView User Certification Course
	2000 / Geosoft UXO Detection Course
	2002 / Geosoft Advanced UXO Detection Course
	2002 Geosoft UXO Geophysical Quality Control Software
Certification/Registration:	1992 / Professional Geologist (PA) / PG-000398
	1990 / 29CFR1910.120 HAZWOPER (40-Hour) Training
	2003 / 29CFR1910.120 HAZWOPER (8-Hour Annual)

Technical/Management Experience: Mr. Leberfinger has over 18 years of experience as a geophysicist and project manager. He has managed a diversified staff of geophysicists, hydrogeologists, engineers, scientists, technicians, administrative personnel, and subcontractors. As a project manager, he has managed projects for the USAESCH, Department of Energy, US Navy, US Air Force, US Army Environmental Center, US National Park Service, US Postal Service, and National Guard. Mr. Leberfinger has provided geophysics for DoD range cleanup and maintenance of UXO/OE/CWM actions throughout CONUS/OCONUS and performed over 500 geophysical surveys across the US for various applications including UXO, geotechnical, environmental, water resource evaluation, archeological, and utility mapping. He has brought innovative technologies to the mapping and performing geophysical surveys for UXO and other applications. This includes the use of TM-5EMU, ultrasonic and Vulcan navigation/position system and multiple sensor configuration systems. Mr. Leberfinger is responsible for developing and overseeing ARM's geophysical quality control program.

Representative Project Experience:

Project Geophysicist, USACE Huntsville Engineering and Support Center; Huntsville, AL: - Project Geophysicist/Project Manager for a $60,000,000 CONUS / OCONUS OE IDIQ contract supporting UXO/MEC/CWM investigations and removal actions on FUDS throughout the world. Was the Project Geophysicist for multiple task orders at Jefferson Proving Ground, IN; Pole Mountain, WY; Boise Barracks, ID; Former H Range, MMR, MA; Camp Fannin, TX; and Molokai, HI, among others.

Project Geophysicist, Nevada Test Site, Nevada, DOE – Performed EM-61, EM-31, GPR, and electrical imaging surveys to map buried waste and UXO.

Project Geophysicist, Kelly Air Force Base, San Antonio, TX, Air Force - Performed an electrical imaging survey in several areas to identify sand and gravel channels, which were transporting contaminated groundwater.

Project Geophysicist, Savannah Army Depot, Savannah, Il, National Guard – Managed EM-31, GPR and EM-61 surveys to map trench and pits and locate and map UXO.

Project Geophysicist, Fort Knox Pesticide Rinsecate Facility, Fort Knox, Ky, Nashville USACE – Managed and performed a gravity survey to map potential bedrock conduits allowing for contaminated groundwater to move off site.

Project Geophysicist, St. Louis Airport Site (SLAPS), St. Louis, MO St. Louis USACE FUSRAP Program – Performed EM-61, EM-31, and GPR surveys to map buried radioactive waste. Integrated the information with GIS and community outreach programs.

Project Geophysicist, Lucky FUSRAP Site, Panesville, OH, DOE Program. – Oversaw and performed EM-61, EM –31, and GPR surveys, to map buried radioactive waste. Integrated the information with GIS and community outreach programs.

Project Geophysicist, Former Alabama Army Ammunition Plant, Childersburg, AL, Mobile USACE – Performed an Electrical Imaging Survey to map bedrock fractures and conduits, which were allowing potentially contaminated groundwater to migrate off site.

Project Geophysicist, Wayne Interim Storage Site (WISS), Wayne, NJ, Kansas City USACE FUSRAP Program – Performed EM-61, EM-31, and GPR surveys to map buried underground utilities prior to excavation and drilling in areas where soils may be contaminated with radioactive waste. Performed en El survey to map the lateral and vertical limits of contaminated wastes at the site.

Project Geophysicist, Portsmouth Gaseous Diffusion Plant, Portsmouth, OH, DOE – Performed EM61, EM-31, and GPR surveys to map buried underground utilities prior to excavation and drilling in areas where soils may be contaminated with radioactive waste. Performed EM-61 and GPR surveys to map the lateral and vertical limits of the contaminated wastes at the site.

Project Geophysicist, Bethlehem Steel Corporation, Bethlehem, PA – As part of a large brownfields closure of the former coke works, EM-61 and GPR surveys were performed to identify unknown drums, USTs, and potentially UXO at the site. An electrical imaging survey was performed to map the lateral and vertical limits of numerous large sludge pits.

Project Geophysicist, Bethlehem Steel Corporation, Lackawanna, NY – Performed EM-61 and EM-31 surveys to identify limits buried drums at the site. Performed an electrical imaging survey to map the lateral and vertical limits of two large sludge pits prior to remedial design.

Project Geophysicist, Air Products and Chemicals, Inc., Paulsboro, NJ – Performed GPR survey to identify limits of two buried chromium waste sludge lagoons. Results of survey were used to locate soil borings during closure of lagoons.

Project Geophysicist, Hershey Trust Company, Hershey, PA – Utilized geophysical methods to characterize properties for land development. Performed an EM-31 survey to identify potential sinkholes and later correlated the EM-31 survey date with the results from 15 soil borings to produce a map depicting the apparent distance to bedrock throughout the site.

Project Geophysicist, Mobil Oil Refinery, Paulsboro, NJ – Performed a geophysical investigation which was initiated after a buried drum was encountered during the installation of a hydrant line. The investigation indicated the presence of a fill area along the Delaware River. utilized EM metal detector and GPR geophysical methods to determine the location of additional buried drums in the fill area.

Project Geophysicist, National Park Service, Harpers Ferry, WV – Utilized EM methods, magnetics, and GPR to identify subsurface features such as USTs and piping.

Project Geophysicist, Pennsylvania Power and Light Company (PP&L), Allentown, PA – Utilized GPR to identify areas of potential sinkhole development under or adjacent to PP&L underground electric lines and city streets in the area of several building collapses caused by sinkhole activity.

Project Geophysicist, Elkton Sparkler, Elkton, MD – Performed an EM-31 survey to identify groundwater contamination plume consisting of materials utilized in the manufacture of fireworks.

Project Geophysicist, Pennsylvania Department of Transportation, Harrisburg International Airport, PA (88199) – Performed a metal detection survey to identify the location and number of USTs found at the airport.

Project Geophysicist, BP Oil, Washington, DC, Terminal, Washington, DC – Performed a metal detection and EM-31 survey to identify potential USTs and to locate utilities at the terminal.

Project Geophysicist, Ayub Associates, Beacon Development Project, Allentown, PA – Performed an EM-31 survey to identify potential voids and collapse features near a large retail store construction site.

Project Geophysicist, Harley-Davidson, York, PA – Performed an EM-31 and metal detection survey to identify the location of potential drums and waste pits at the facility.

Project Geophysicist, Pennsylvania Department of Environmental Resources, Penn Nursery, PA – Performed an EM-31 and metal detection survey to identify the location of buried drums and waste pit at the site.

Project Geophysicist, Armstrong World Industries, Lancaster, PA – Performed a seismic refraction survey to identify potential fracture zones, top of rock, and the water table along an Amtrak railroad right-of-way near the Armstrong facility.

Project Geophysicist, Pennsylvania State Attorney General's Office, Butler, PA – Performed an EM-31 and GPR survey to identify the location of buried drums and waste.

Name/Title:	**Beth Williams, PG**/Geologist/Senior Geophysicist
Firm:	ARM Group Inc.
Years Of Experience:	13
Formal Education:	BS/1991/Geology/Bloomsburg University of Pennsylvania
Continuing Education/Training:	1995/Ground Penetrating Radar 1995/Underground Utility Locating 1999/ArcView User Certification Course 2002/Geosoft UXO Geophysical Quality Control Software
Certifications/Registrations:	1991/29CFR 1910.120 HAZWOPER (40-Hour) 1993/29CFR 1910.146 Confined Space Entry 1996/10CFR 835 Radiological Worker II 1997/29CFR 1910.120 Supervisor Training 2000/Professional Geologist (PA)/ PG-003239E 2003/29CFR1910.120 HAZWOPER (8-Hour) Annual

Technical/Management Experience: Ms. Williams has over 13 years of experience as a Project Manager. She has managed a diversified staff of geophysicists, hydrogeologists, engineers, scientists, technicians, and subcontractors. As a project manager, she has managed projects for the US Department of Energy, US Department of Agriculture, US Navy, US Air Force, US Army Corp of Engineers, and the US National Park Service. Ms. Williams has provided geophysics for DoD range clean up and maintenance of UXO/OE/CWM actions throughout CONUS/OCONUS and performed over 400 geophysical surveys across the US for various applications including UXO, geotechnical, environmental, water resource evaluation, archeological, and utility mapping. She has brought innovative technologies to mapping and performing geophysical surveys for UXO and other applications. Ms. Williams is responsible for developing and overseeing ARM's private commercial sector geophysical business as well as providing support to the UXO division.

Representative Project Experience:

Geophysicist US Army Engineering and Support Center, Huntsville, AL- Jefferson Proving Grounds, Madison, IN - Performed magnetometer survey to identify UXO for removal on a 300 acre wooded site. Performed data acquisition and processing.

Geophysicist US Army Corps of Engineers, Omaha District, NE- Former Lowry Bombing Range, Denver, CO - Performed magnetometer and EM-61 surveys to reacquire previously identified targets.

Geophysicist US Department of Energy, Tonopah Test Range, Tonopah, Nevada - Performed and supervised EM and magnetometer surveys to locate depleted uranium artillery rounds on the test range.

Geophysicist US Army Engineering and Support Center, Huntsville, AL- Savanna Army Depot, Savanna, IL - Supervised collection and performed processing of EM-61 data for small arms ammunition.

Senior Geophysicist, Shaw Group, Former Lowry Bombing Range, Denver, CO - Performed EM-61 and magnetometer surveys to locate UXO on the former bombing range. Project performed under the direction of the Omaha District of the U.S. Army Corps of Engineers.

Senior Geophysicist, U.S. Army Corps of Engineers, Baltimore District, Ellis Island National Historic Site, New York/New Jersey Harbor - Planned and performed ground penetrating radar surveys to evaluate the integrity of the sea wall surrounding the island. Results of the survey indicated several areas that will require additional investigation and probable retrofit of the seawall supports to maintain the seawall.

Senior Geophysicist, U.S. Army Corps of Engineers, Baltimore District, Walter Reed Army Hospital, Washington, D.C. - Planned and performed microgravity and ground penetrating radar surveys to evaluate an unknown tunnel discovered during a geotechnical boring program being performed by the USACE. Although the ground penetrating radar survey was not successful, due to soil conditions, the microgravity survey was successful. The tunnel was determined to be a small diameter utility tunnel that extended from the electrical substation to an abandoned utility corridor.

Senior Geophysicist, U.S. Army Corps of Engineers, Baltimore District, Fort Indiantown Gap, Lebanon County, PA - Planned and performed EM-31 and Electrical Imaging surveys at a former sanitary landfill at the facility to delineate the lateral and vertical extent of the landfill.

Senior Geophysicist, Advanced Land & Water, Inc., Westminster, MD site - Performed electrical resistivity survey over previously identified fracture traces to determine the potential for a water supply well.

Senior Geophysicist, Montgomery Watson Harza, Trevose, PA - Performed EM-31 and ground penetrating radar survey to locate abandoned sewer lines and septic system.

Senior Geophysicist, Montgomery Watson Harza, Claymont, DE - Performed EM-31 and ground penetrating radar surveys to locate buried drums and waste at five locations at a commercial chemical facility.

Senior Geophysicist, Land Surveyors, Inc., Numerous Sites – Performed utility mapping services using GPR, EM and utility locators as part of school remodeling projects in the state of Pennsylvania.

Senior Geophysicist, Glatfelter, Spring Grove, PA - Performed utility screening for several project managers in the Engineering Department prior to excavation activities.

Senior Geophysicist, Glatfelter, Spring Grove, PA - Performed pipe tracing activities in support of larger contract involving identifying and tracing pipe outfalls and discharge pipes to neighboring creek.

Senior Geophysicist, Alliance Environmental Services Inc., Hallam, PA - Planned and performed EM and GPR survey to locate USTs and buried utilities.

Senior Geophysicist, Alliance Environmental Services Inc., Harrisburg, PA - Planned and performed GPR survey to locate potential USTs prior to excavation and drilling activities.

Senior Geophysicist, Alliance Environmental Services Inc., Campbeltown, PA - Performed EM-31 survey at potential housing development site to locate areas of potential sinkhole activity. Located areas of increased soil thickness and potential sinkhole development. Areas reported to client for further inspection using drilling methods.

Senior Geophysicist, Earth Resources Technology, Inc., South Carolina - Performed EM survey to locate USTs and buried utilities.

Senior Geophysicist, Science Applications International Corporation, Kelly Air Force Base, Sand Antonio, TX - Planned and performed EM-61 survey to locate possible buried drums at location D-4. Located four areas of buried metallic material that are potentially buried drums.

Senior Geophysicist/Project Manager, Lancaster County Solid Waste Authority, Lancaster, PA - Planned and performed EM and EI surveys at the closed Creswell Landfill to map the lateral and vertical extent of the buried waste. Presented findings to client for review by the QC advisor.

Senior Geophysicist, Ski Roundtop, Mechanicsburg, PA - Performed video inspection of water well prior to groundwater pumping test at the direction of the Susquehanna River Basin Commission.

Senior Geophysicist, Confidential Site, Earth Resource Management (ERM), Washington, PA - Performed well logging techniques such as caliper, temperature, natural gamma, single point resistance and spontaneous potential to locate voids and fractures in the bedrock.

Senior Geophysicist, Jefferson Proving Grounds, American Technologies Inc., JPG, IN - Performed magnetometer surveys to locate unexploded ordinance as part of the Army Corps of Engineers CONUS/OCONUS contract from the Huntsville Center of Excellence.

Project Manager, U. S. Army Corps of Engineers- Buffalo District, Niagara Falls Storage Site, Lewiston, NY - As the project manager and the on-site field manager of this major investigation of the Niagara Falls Storage Site, planned and performed multiple geophysical tasks to determine the integrity of the clay liner of the containment structure. Performed and supervised EM-31 and Magnetometer surveys of the entire property to locate areas of buried metal debris. Magnetotelluric surveys were performed in various zones on the property to collect information on the bedrock below a depth of 100 feet. In areas of electrical interference, seismic reflection surveys were performed on the property to assess bedrock properties and possible faulting and fracturing. Simple shear wave surveys were used to determine the presence of liquid slurries in the basements of buildings buried within the landfill cap. This project is currently ongoing and the final assessment report has not been submitted to the Corps of Engineers.

Project Geophysicist, U. S. Department of Energy, Nevada Test Site, Reactor, Maintenance and Disassembly Area 25, Mercury, NV - Performed GPR, EM, and magnetometer surveys to identify areas of buried radioactive contaminated waste. Supervised El survey to identify the vertical and lateral extent of buried wastes. Also served as field manager and health and safety officer.

Project Geophysicist, U.S. Department of Energy, Tonopah Test Range, Depleted Uranium Impact Sites, Tonopah, NV - Performed and supervised EM and magnetometer surveys to locate depleted uranium artillery rounds that fell short of intended targets.

Project Geophysicist, Pennsylvania Attorney General's Office, Holidaysburg, PA - Performed a GPR and EM survey to identify illegally buried waste at a facility in Holidaysburg, Pennsylvania.

Project Geophysicist, Pennsylvania Attorney General's Office, Moscow, PA - Performed a GPR and EM survey to identify illegally buried waste at a facility in Moscow, Pennsylvania.

Project Geophysicist, Parkland School District, Allentown, PA - Utilized electromagnetic and electrical imaging (EI) techniques to map top of rock, potential sinkholes, and caverns under a proposed new high school.

Project Geophysicist, PECO Energy, Philadelphia, PA - Performed a GPR survey to identify a dielectric oil release from an underground pipeline

Project Hydrogeologist, PECO Energy Company, Barbados Island Training Center, Norristown, PA - Installed vapor extraction well and air monitoring piezometers as part of the remedial options assessment.

Project Hydrogeologist, PECO Energy Company, Oregon Maintenance Shop, Philadelphia, PA - Installed air sparging wells, vapor extraction wells, and air monitoring piezometers as part of the site cleanup plan.

Project Hydrogeologist, Pennsylvania Power and Light Company, Brunner Island, PA - Assisted with the site and remedial options assessment on-site with multiple fuel oil releases. Supervised the installation of monitoring wells and the drilling of soil borings using air rotary drilling methods. Also assisted with the soil gas survey for VOCs. Helped to write the final report for presentation to the client.

Project Hydrogeologist, Pennsylvania Power and Light Company, Martins Creek, PA - Installed monitoring wells, soil borings, vapor extraction wells, and air monitoring piezometers. Contributed significantly to the writing of the final report, which was provided to the client for ultimate submittal to the appropriate regulatory agencies. Also completed pumping and vapor extraction tests. Collected soil samples on a quarterly basis to monitor the performance of the bioremediation system.

Name/Title:	**Brian S. Brunette, EIT** / Project UXO Geophysicist
Firm:	ARM Group Inc.
Years Of Experience:	5
Formal Education:	MS / 1999 / Geophysical Engineering / Montana Tech BS / 1996 / Environmental Engineering / Montana Tech
Continuing Education / Training:	
Certification/Registration:	1996 / Engineer In Training (EIT) / 12686EI o 1996 / 29CFR1910.120 HAZWOPER (40-Hour) Training o 2003 / 29CFR1910.120 HAZWOPER (8-Hour Annual)

Technical/Management Experience: Mr. Brunette has over 5 years of experience as a geophysicist, 3.5 years of which are continuous on-site UXO geophysics project experience. He has trained, educated, and managed a diversified staff of geophysicists and UXO technicians pertaining to data collection, processing, interpretation, and reacquisition procedures. As a geophysicist, he has successfully completed projects for the USAESCH, Department of Energy, US Navy, and US Air Force clients. Mr. Brunette has provided geophysics support for EECA and removal actions for CONUS/OCONUS projects. Mr. Brunette has also provided geophysics support for RI/removal actions for RACIII projects. He brings innovative techniques to the mapping, displaying, and documenting of geophysical data for UXO discrimination and other applications. Mr. Brunette is responsible for developing and overseeing ARM's UXO Geophysics program as well as providing support to other projects.

Representative Project Experience:

Site Geophysicist US Navy - Engineering and Field Activities Northwest (EFA-NW), Poulsbo, WA- Bremerton, WA - Responsible for supporting digital mapping investigation for the risk assessment at Jackson Park Housing Complex and Naval Hospital in Bremerton, WA. Also included coordinating, processing, monitoring, and interpreting GPS, RTS, and Constellation positioned EM data collected.

Site Geophysicist US Navy - Engineering and Field Activities Northwest (EFA-NW), Poulsbo, WA- Adak Island, AK - Responsible for coordinating, processing, monitoring, interpreting, and reacquiring GPS positioned EM data collected for the QC Certification processes. Also included documentation, data organization, report writing, and presentation of the results to the EPA to complete the 47,000 acre land transfer.

Site Geophysicist US Army Engineering and Support Center, Huntsville, AL- Laurel, MD - Responsible for supporting the selective removal action at Fort Meade, MD. GPS surveying of grid stakes to be used to guide vehicle towed array, collected all fiducial and GPS positioned man-portable data, and processed / interpreted majority of the data. Interpretation techniques included target discriminations in order to dig the most probable munitions for each investigation area.

Site Geophysicist US Army Engineering and Support Center, Huntsville, AL- Anniston, AL - Responsible for supporting Alpha, Bravo, and Charlie EE/CA UXO investigations and OE Scrap Processing / Storage Area UXO removal action at Fort McClellan, AL. Processed and interpreted fiducial, GPS, RTS, and Constellation positioned EM61 data using internal and external software. Trained UXO and geo technicians on proper data collection / reacquire techniques.

Geophysicist US Navy Engineering and Field Activities Southwest (EFA-SW), Poulsbo, WA- Seal Beach, CA - Responsible for aiding GPR and EM61 data collection, processing, and interpretation processes to determine the locations of utilities, waste trenches, and buried pipe.

HAGER-RICHTER
GEOSCIENCE, INC.

CONSULTANTS IN GEOLOGY AND GEOPHYSICS
846 MAIN STREET
FORDS, NEW JERSEY 08863
TELEPHONE (732) 661-0555
FAX (732) 661-0123

June 6, 2007
File 07JCC33

Andrew Vitolins, P.G.
Malcolm Pirnie, Inc.
43 British American Blvd.
Latham, NY 12110

T: 518-782-2127
F: 518-782-0800

RE: Geophysical Survey
Old Bethpage Industrial Area Site
Oyster Bay and Huntington, New York

Dear Mr. Vitolins:

Hager-Richter Geoscience, Inc. (H-R) is pleased to submit this proposal to conduct a geophysical survey at the above referenced site in Oyster Bay and Huntington, New York. We have reviewed a request for proposal received via email on June 6, 2007 and we have discussed the project briefly with you, but we have not been to the site. Therefore, we are relying on the project information provided by Malcolm Pirnie, Inc. (MPI) for the preparation of this proposal.

PROJECT UNDERSTANDING

MPI is interested in determining whether subsurface utilities and other possible structures such as tanks, buried pipelines and areas of concrete fill material, are present in the accessible exterior portions of fifteen (15) properties. Each property is approximately 2 acres and is partially occupied by buildings. MPI specified that a report be prepared for this project.

OBJECTIVE

The objective of the geophysical survey is to detect, and if detected, to locate subsurface structures in the accessible exterior portions of the site.

APPROACH

We propose to use the following geophysical methods: time domain electromagnetic induction metal detection (EM61), ground penetrating radar (GPR), and precision utility locating (PUL).

EM61 data will be acquired at approximately 8-inch intervals along lines spaced 5 feet

apart in the accessible portions of the area of interest. The EM61 survey will detect and outline areas containing buried metal. The investigation depth of the EM61 is approximately 12 feet.

In addition, we will conduct a GPR survey with traverse lines spaced no more than 5 feet in two mutually perpendicular directions to detect possible utilities. A PUL survey will also be conducted, where possible, to search for subsurface utilities in the accessible portions of the area of interest. The locations of detected utilities will be marked in the field with spray paint.

We estimate that each property can be surveyed in two to three days, assuming unobstructed access to the sites and no standby time. Therefore, we estimate 30 to 45 field days will be necessary to survey the 15 properties.

SITE PREPARATION

Our costs do not include site preparation. **In order to conduct the survey, the areas of interest must be completely open (clear of vehicles, debris, snow and ice, and other obstructions).** We require access to utility connections that may be available. Hager-Richter is not responsible for surveying areas that are inaccessible at the time of survey.

EQUIPMENT

EM61. For the EM61 survey, we will use a Geonics EM61-MK2 time domain electromagnetic induction metal detector. The EM61 is a time-domain electromagnetic induction type instrument designed specifically for detecting buried metal objects. An air-cored 1-meter by ½-meter transmitter coil generates a pulsed primary magnetic field in the earth, thereby inducing eddy currents in nearby metal objects. The decay of the eddy current produces a secondary magnetic field that is sensed by two receiver coils, one coincident with the transmitter and one positioned 40 cm above the main coil. By measuring the secondary magnetic field after the current in the ground has dissipated but before the current in metal objects has dissipated, the instrument responds only to the secondary magnetic field produced by metal objects. Four channels of secondary response are measured in mV and are recorded on a digital data logger. The system is generally operated by pulling the coils as a trailer with an odometer mounted on the axle to trigger the data logger automatically at approximately 8-inch intervals.

GPR. For the GPR survey, we plan to use our Sensors & Software Noggin Plus Smart Cart subsurface imaging radar system. Data are recorded digitally and paper printouts of the GPR data can be produced in the field. The GPR system includes a survey wheel that triggers the recording of the data at fixed intervals, thereby increasing the accuracy of the locations of features detected along the survey lines. We own transmit/receive antennas with the following frequencies: 250 MHz, 500 MHz, and 1000 MHz. We plan to use a 500 MHz or a 250 MHz antenna for this project.

PUL. We plan to use our Radiodetection RD4000 precision pipe and cable location

system and Chicago Steel Tape Model MT102 Magnetic Locator. The RD4000 is an electromagnetic instrument that consists of a separate transmitter and receiver. The receiver can detect subsurface utilities and cables in three modes -- by detecting a signal on the utility sent from the transmitter, by passively detecting signals from nearby power lines, or by passively detecting signals from distant radio transmitters. The CST MT102 is a fluxgate magnetic gradiometer that detects subsurface metal objects by detecting a local gradient in the earth's magnetic field.

LIMITATIONS OF THE METHODS

HAGER-RICHTER GEOSCIENCE, INC. MAKES NO GUARANTEE THAT ALL TARGETS WILL BE DETECTED IN THIS SURVEY. HAGER-RICHTER GEOSCIENCE, INC. IS NOT RESPONSIBLE FOR DETECTING SUBSURFACE TARGETS THAT NORMALLY CANNOT BE DETECTED BY THE METHODS EMPLOYED OR THAT CANNOT BE DETECTED BECAUSE OF SITE CONDITIONS. GPR SIGNAL PENETRATION MIGHT NOT BE SUFFICIENT TO DETECT ALL TARGETS OF INTEREST. HAGER-RICHTER GEOSCIENCE, INC. IS NOT RESPONSIBLE FOR MAINTAINING MARKOUTS AFTER LEAVING THE WORK AREA. MPI UNDERSTANDS THAT MARKOUTS MADE DURING INCLEMENT WEATHER AND/OR UNDER WINTER CONDITIONS MAY NOT LAST.

EM61. All electromagnetic geophysical methods, including the EM method proposed here, are affected by the presence of power lines and surface metal objects (steel sided buildings, dumpsters, vehicles, railroad tracks, reinforced concrete, etc.) Where such are present, the effects of materials in the subsurface may be masked, and firm conclusions about subsurface conditions cannot be made.

Detection and identification should be clearly differentiated. Detection is the recognition of the presence of a metal object, and the EM method is excellent for such purposes. Identification, on the other hand, is determination of the nature of the causative body (i.e., what is the body - a drum, UST, automobile, white goods, etc.?), and EM cannot *identify* the buried metal object.

GPR. The GPR method may be limited by site conditions. The GPR signal does not penetrate conductive soils, such as those containing clay and conductive fluids, and utilities in such soils cannot be detected. In addition, the GPR signal commonly cannot penetrate below concrete.

In order to be detected using GPR, a target UST or utility must have contrasting properties with the surrounding soils and must be of sufficient size to be detected at the depth of burial. In many cases, plastic, clay, asbestos concrete (transite), brick-lined, stone-lined, and other non-metallic utilities cannot be detected. The size vs. depth limitation is that as the depth of installation increases, the minimum diameter of a detectable utility increases (i.e., small

diameter pipes cannot be detected at depth).

PUL. The PUL equipment cannot detect non-metallic utilities, such as pipes constructed of vitrified clay, transite, plastic, PVC, fiberglass, and unreinforced concrete, when used in passive mode alone. Such pipes can be detected if a wire tracer is installed with access to such tracer for transmission of a signal or where access (such as floor drains and clean-outs) permits insertion of a device on which a signal can be transmitted.

DELIVERABLES

Hager-Richter will provide three copies of a brief report of findings summarizing the results in terms of the objectives of the survey.

ITEMS REQUIRED FROM MPI

This proposal assumes that MPI will provide several items at no charge to H-R:

- Site plans, in hardcopy and CAD format
- Site access, including access to utility connections
- Site specific HASP
- Site preparation — clearly marking the area of interest, removing obstacles (including vehicles), where necessary
- Traffic control as necessary
- Available information about the Site, such as Sanborn-type maps, **utility plans**, facility plans, test pit and boring logs, results of previous geophysical surveys, etc.
- Coordination with your client and occupants of the site, if required

ESTIMATED COSTS

The estimated costs listed below are contingent on the following assumptions: (1) all work can be completed during a single mobilization; (2) all field work will be conducted under no higher than Level D personal protection; and (3) a field day consists of no more than 8 hours on site during normal weekday working hours. Field time over 8 hours on Site will be billed at 1/8 the day rate per hour. Night and weekend work, if required, is billed with a 30% surcharge.

$3,000 per day/crew	30-45 days	$90,000 - $135,000

The work will be billed at the above unit rate. The fees include mob/demob, field personnel and equipment, data analysis and interpretation, and preparation of a report.

Our normal turn-around time for the report is approximately eight weeks after completion of field work or receipt of all materials to be provided by the Client, whichever is later. If preliminary results (other than field markouts) or accelerated reporting are required, additional

charges will apply.

SCHEDULE

We did not discuss a specific schedule for the fieldwork. We can normally respond rapidly to an executed contract or purchase order and written notice to proceed, but appreciate as much advance notice as possible. We own all of the equipment necessary to do the work and are not dependant on the rental schedules of others.

PROFESSIONAL QUALIFICATIONS

Hager-Richter Geoscience, Inc. has provided professional services in geology and geophysics to government and industry since 1984, and during those 23 years, has grown to be the largest geophysical specialty firm in the northeast. The following qualities are what sets Hager-Richter apart for this project:

Experience, particularly in conducting EM61 and GPR surveys to detect foundations and utilities.
Personnel, especially their educational backgrounds and their experience in performing the same types of geophysical surveys to meet similar or the same objectives.
Resources, possession of and willingness to commit financial, equipment, and personnel to conduct the project.

Every project undertaken by Hager-Richter is directly supervised by a Principal of the firm. Such continuing commitment by a Principal is a major factor in producing the uniformly high quality work that clients have come to expect from Hager-Richter. Our rigorous QA/QC program includes review of all reports by a Geophysical Technical Review Team. Our highly trained field crews have in-depth experience in the specific geophysical techniques that we use.

ADDITIONAL INFORMATION

Hager-Richter Geoscience, Inc. is certified as a WBE or DBE by agencies in twelve states, including the six New England States, **New York**, New Jersey, Ohio, Illinois, Minnesota, and Texas. With offices in Salem, New Hampshire and Fords, New Jersey, Hager-Richter Geoscience, Inc. is the largest geophysical specialty firm in the northeast.

Our Standard Conditions, copy attached, are incorporated into this Proposal by reference. This Proposal may be accepted by an authorized person signing in the space below and returning one signed copy to us.

We appreciate the opportunity to submit this proposal to you and look forward to working with you.

Sincerely yours,
HAGER-RICHTER GEOSCIENCE, INC.

José Carlos Cambero Calzada
Senior Geophysicist

Dorothy Richter, P.G.
President

Enc: H-R Standard Terms and Conditions

Proposal Accepted by:

_____ _____
Authorizing Signature Position

_____ _____
Firm Date

STANDARD TERMS AND CONDITIONS

The terms and conditions set forth herein (these "Terms and Conditions") have been attached to and are part of a written proposal to Client which Proposal sets forth certain services to be undertaken by Hager-Richter Geoscience, Inc. (H-R) for the Client. The Proposal (including the Terms and Conditions), when accepted by the Client, shall constitute a binding agreement between the Client and H-R. As used herein, the term "Agreement" shall mean the Proposal, including the Terms and Conditions, as so accepted. The Client and H-R hereby agree as follows:

1. Services; Payment. H-R agrees to perform the Services as set forth in the Proposal, subject to the Terms and Conditions stated herein. H-R shall be compensated for the Services as described in the Proposal. The Client shall designate in writing a person to act as the Client's representative with respect to the Services. Such person shall have complete authority to transmit instructions, receive information, and interpret and define the Client's policies and decisions with respect to the Services.

Invoices will be submitted once a month for services performed during the previous month. Payment will be due upon receipt. Interest will be added to accounts in arrears net thirty (30) days of invoice date at the rate of 1½% per month (18% per annum) or the maximum rate allowed by law, whichever is less, of the outstanding balance. The Client will reimburse H-R for all reasonable attorneys' fees, court costs, and other costs of collection incurred to effect collection from the Client.

2. Access and Positioning for Exploration. The Client will furnish H-R with access and right of entry onto any premises or exploration locales which are necessary to conduct the Services, and if such premises are not owned by the Client, the Client represents and warrants that it has full permission to allow H-R onto the premises. Such access, right of entry or permission shall be sufficient to enable the performance of the Services including acts of study, data collection and research, including without limitation the making of test borings and other soil sampling, taking of rock samples, making shotholes and test shots, assembly and installation of instrumentation, and the making of observations and measurements pursuant to the Scope of Work proposed. Client hereby recognizes that exploration activities may unavoidably alter the terrain and affect vegetation in the area being studied. Client accepts the fact that this is inherent to the work proposed and will not hold H-R liable for any such damage. H-R is not responsible for any damage or loss due to undisclosed or unknown surface or subsurface conditions owned by Client or third parties, except to the extent such damage or loss is a result of H-R's sole gross negligence. Client agrees to indemnify and defend H-R, its officers, directors, owners, employees, agents and subcontractors from any such claims, suits or losses.

3. Reliance on Client. H-R has relied on information provided by the Client in the preparation of its Proposal. If such information is found to have been incorrect, incomplete, or insufficient, or if unanticipated conditions or hazardous materials are discovered, H-R shall have the right to renegotiate in good faith additional Services and Fees with the Client. If renegotiated Services and Fees cannot be agreed upon, Client agrees that H-R has an absolute right to terminate this Agreement in accordance with these Terms and Conditions. For the execution of the Services, the Client shall be obligated to furnish to H-R all prior, existing or post-facto studies, reports and other available data, and work done by the Client or by others pertinent to the Assignment, including but not limited to:

a. Contract documents, including contract specifications, contract drawings, shop drawings,
b. Test data and/or reports,
c. Geological, geophysical, topographical, utility, and property maps, plots, and profiles,
d. Test pit and boring logs.

Such information, materials and work are referred to herein collectively as the "Client Work." H-R shall be entitled to rely upon all such information and services in performing the proposed services.

The Client agrees to indemnify H-R, its officers, directors, owners, agents and employees (an "Indemnitee") from any and all liability, loss or damage which an Indemnitee is legally obligated to pay, including, without limitation, liability, loss or damage arising from bodily injury, illness, death, property damage, or any other source and reasonable attorneys' fees and investigative and discovery costs, resulting from or relating to the Client Work.

4. Ownership of Documents. All documents which H-R prepares, including drawings, estimates, analyses specifications, field notes, and data (including any copies thereof) are and remain the property of H-R. Reports and other work resulting from H-R's performance of the work are not intended or represented to be suitable for reuse by the Client on extensions or modifications of the project for which these Services were provided or for any other use other than the performance of the work hereunder. Reuse of reports or other work by the Client on extensions or modifications of the project for which these Services were provided or for any other use other than the performance of work hereunder without H-R's written permission shall be at the sole risk of the user without any liability on the part of H-R. The Client agrees to indemnify and hold H-R harmless from all claims, demands, and expenses, including attorneys' fees, arising out of such unauthorized reuse.

Upon Client's request, H-R's work product may be provided in whole or in part as electronic copies. By such request, Client agrees that the written copy retained by H-R in its files, with at least one conformed written copy provided to Client, shall be the official base document. H-R makes no warranty or representation to Client that an electronic copy is accurate or complete. Any modification of such electronic copy by Client shall be at Client's risk and without liability to H-R. Such electronic copies are subject to all conditions of this Agreement.

5. No Third Party Reliance. All Services are provided solely for the benefit of the Client and not for the benefit of any other party. No party other than the Client shall be entitled to rely on the Services or any information, documents, records, data, interpretations, advice or opinions given to the Client by H-R in the performance of the Services. The Services relate solely to the specific project for which H-R has been retained under this Agreement and shall not be used or relied upon by the Client or

any third party for any variation or extension of this project, any other project or any other purpose. Any unpermitted use by the Client or any third party shall be at the Client's or such third party's own risk. The Client agrees to indemnify H-R, its present and future officers, directors, owners, agents, and employees (an "Indemnitee") from any and all liability, loss or damage which an Indemnitee is legally obligated to pay, including, without limitations, liability, loss, or damage arising from the bodily injury, illness, death, property damage or any other source and reasonable attorneys' fees and investigative and discovery costs, resulting from or relating to any unpermitted use of the Services or of any information, documents, records, data, interpretations, advice or opinions given to the Client by H-R.

6. Standard of Care. H-R will use the degree of care and skill in the performance of its Services hereunder that is consistent with the professional standards of those that ordinarily provide similar services at the same time, in the same locale, and under like circumstances. NO WARRANTY, EXPRESS OR IMPLIED, IS MADE OR INTENDED BY OUR PROPOSAL OR BY OUR ORAL STATEMENTS OR WRITTEN REPORTS.

The Client shall be obligated to promptly report any failure to conform to this standard of care in writing to H-R within six (6) months after completion of the work, whereupon H-R shall at its option, correct such nonconformity or reimburse the Client the price of the work provided. Failure of the Client to so notify H-R shall constitute an irrevocable waiver of any claim, cause of action, cost or damages arising out of such failure to conform to the standard of care.

7. Limitation of Liability. THE CLIENT AGREES THAT EXCEPT AS EXPRESSLY PROVIDED IN THIS AGREEMENT, H-R MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND WHATSOEVER, ORAL OR WRITTEN, EXPRESSED OR IMPLIED; AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED.

ANY LIABILITY OF H-R, ITS OFFICERS, DIRECTORS, EMPLOYEES, AGENTS, AND SUBCONTRACTORS TO THE CLIENT OR ANY THIRD PARTY IN ANY WAY RELATING TO THE PERFORMANCE OF SERVICES UNDER THIS AGREEMENT SHALL BE LIMITED TO AN AGGREGATE OF $50,000 OR THE COMPENSATION ACTUALLY PAID TO H-R BY THE CLIENT HEREUNDER, WHICHEVER IS GREATER. IF CLIENT PREFERS TO HAVE HIGHER LIMITS OF LIABILITY, H-R AGREES TO INCREASE THE AGGREGATE LIMIT, UP TO A MAXIMUM OF $1,000,000, UPON CLIENT'S WRITTEN REQUEST AT THE TIME OF ACCEPTING OUR PROPOSAL AND PROVIDED CLIENT AGREES TO PAY IN ADVANCE AN ADDITIONAL CONSIDERATION OF TEN PERCENT OF H-R'S TOTAL FEES OR $500, WHICHEVER IS GREATER. The additional charge for the higher liability limit is because of the greater risk assumed by H-R and is not a charge for additional liability insurance. This limitation shall not apply to the extent prohibited by law.

H-R shall in no event be liable to the Client, any successors in interest, or any beneficiary or assignee for punitive, consequential, or indirect damages arising out of this contract or any breach thereof, whether based upon loss of use, lost profits, revenue or interest, whether or not such loss or damage is based on contract, warranty, negligence, indemnity or otherwise.

The Client agrees to indemnify and hold harmless H-R, its present and future officers, directors, employees, agents, subcontractors and assignees (an "Indemnitee") from and against any and all liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, and costs and expenses incidental thereto (including costs of defense, settlement and reasonable attorneys' fees), which any or all of them may hereafter suffer, incur, be responsible for or pay out as a result of bodily injuries (including death) to any person, damage (including loss of use) to any property (public or private) or any violation of statutes, ordinances, orders, rules or regulations from any governmental entity or agency, resulting from or relating to the performance or lack of performance by H-R of the Services hereunder.

The Client agrees to indemnify and hold harmless H-R its present and future officers, directors, employees, agents, subcontractors and assignees (an "Indemnitee") from and against any and all liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, and costs and expenses incidental thereto (including costs of defense, settlement and reasonable attorneys' fees), which any or all of them may hereafter suffer, incur, be responsible for or pay out as a result of bodily injuries (including death) to any person, damage (including loss of use) to any property (public or private) or any violation of statutes, ordinances, orders, rules or regulations from any governmental entity or agency, arising out of, related to, based upon or caused by the release, removal, remedial action or investigation of or for pollutants or hazardous waste or removal or investigation of, or remedial action taken because of the release or suspected release of pollutants or hazardous waste, or the assessment of fines or penalties related to pollutants or hazardous waste, or in any way related to asbestos.

8. Insurance. H-R shall, during the performance of the work, maintain the following insurance coverage:

COVERAGE	LIMITS
(a) Workers' Compensation	Statutory
(b) Employer's Liability	$500,000 each occurrence
(c) Public Liability (bodily injury & combined single property damage) limit	$2,000,000
(d) Automobile Liability (bodily injury & combined single property damage) limit	$1,000,000
(e) Professional Liability	$1,000,000 Aggregate

H-R will not be responsible for any loss, damage, or liability arising from Client's negligent acts, errors, and omissions, or those by the Client's staff, consultants, contractors, and agents or those of any person for whose conduct H-R is not legally responsible.

STANDARD TERMS AND CONDITIONS

9. Independent Contractor Status. H-R is an independent contractor and shall not be regarded as a partner, employee or agent of the Client for any purpose.

10. Unexpected Contingencies.

a. If (i) H-R is unable to commence or complete the Services within the time set forth in this Agreement because of any Unexpected Contingency (as defined in subsection (b) below), or (ii) H-R's performance of any covenant, agreement, condition or term of the Agreement is prevented, delayed, made impossible or otherwise interfered with by any Unexpected Contingency, then, at H-R's option, H-R shall either (x) terminate the Agreement and be paid by the Client as provided in Section 12 below, (y) renegotiate the Terms and Conditions set forth in the Agreement on a basis satisfactory to H-R, or (z) suspend performance during the continuance of any Unexpected Contingency and for a reasonable time thereafter and extend the time for its performance of the Services. H-R shall not be liable under any circumstances to the Client for any failure of H-R to perform the Services to the extent that such failure is caused in whole or in part by any Unexpected Contingency.

b. For purposes of this Agreement, an "Unexpected Contingency" shall mean (i) any consequence arising out of inaccurate, incomplete, or insufficient information, advice, or instructions provided by the Client, (ii) strikes, walkouts, riots, unavoidable accidents, Acts of God or the public enemy, or unavailability of transportation, (iii) any lawful order issued by the United States government or any other federal, state or local government authority, (iv) any unforeseen or unexpected contingency or unforeseen site conditions, including discovery of hazardous materials or conditions, the non-occurrence of which was expressly or impliedly assumed in the Agreement, or (v) any other cause beyond H-R's reasonable control.

11. Failure to Pay. If payment of invoices by the Client is not made as described in the Proposal, H-R may, at any time and at its option, cease further work entirely or suspend further work until the Client restores payment to a current basis and, if H-R desires, provides advance payments for further Services. The Client shall indemnify and hold harmless H-R from any claim, liability or cost, including, without limitation, the reasonable fees and expenses of counsel, resulting from cessation or suspension of H-R's Services due to a failure by the Client to make payment as required.

12. Payment on Early Termination of Agreement. If H-R terminates this Agreement prior to the performance in full of H-R's Services, the Client shall remain fully liable for, and shall promptly pay H-R for, all Services and disbursements to the date of termination.

13. Schedule. H-R will not be held responsible for schedule or budget expansions due to delays caused by contractors, Client or regulatory agencies. In addition, all estimates are based on workable weather conditions for proposed field work.

14. Performance Time Period. The dates of performance shall be interpreted as a material consideration in this Agreement, however, in no event shall dates be constructed as falling within the meaning of "time is of the essence."

15. Terms and Modifications. The terms and conditions of this form constitute the final, complete and exclusive statement of all terms of the agreement between H-R and Client for the use of H-R's services. No representations of any kind will be binding on H-R unless they are set forth herein. All prior agreements or understandings are superseded hereby. No subsequent agreement or understanding in any way altering these terms and conditions shall be binding upon H-R unless made in writing and signed by an authorized officer of H-R. All terms and provisions shall be binding upon and enure to the benefit of and be enforceable by the parties and their successors and assigns, provided that no party may assign its rights or obligations hereunder without the prior written consent of the other party.

16. Claims. The parties agree to attempt to resolve any dispute without resort to litigation, including the use of mediation, prior to filing any suit. However, in the event a claim results in litigation, and the claimant does not prevail at trial, then the claimant shall pay all costs incurred in pursuing and defending the claim, including reasonable attorney's fees.

17. Governing Law. The validity, construction and interpretation of all documents relating to this Agreement, and the rights and duties of the parties thereto shall be governed by the laws of the State of New Hampshire. In the event that any legal action is instituted by H-R or Client, Client consents to all legal action being filed exclusively in the courts of the State of New Hampshire, and further irrevocably consents to the jurisdiction of said courts for all purposes.

18. Testimony and Litigation Support. Should H-R or any H-R employee be compelled by law to provide testimony or other evidence by any party, whether at deposition, hearing, or trial, in relation to services provided under this Agreement, and H-R is not a party in the dispute, H-R shall be compensated by Client for the associated reasonable expenses and labor for H-R's preparation and testimony at appropriate unit rates. To the extent the party compelling the testimony ultimately provides H-R such compensation, Client will receive a credit or refund on any related double payments to H-R.

19. Severability. Whenever possible, each provision contained herein shall be interpreted in such manner as to be effective and valid under applicable law, but if any provisions contained herein shall be prohibited by or invalid under applicable law such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provision or the remaining provisions contained herein.

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Mr. Andrew Vitolins	Mark E. Weis
COMPANY:	DATE:
Malcolm Pirnie, Inc.	6/13/2007
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
518-782-0500	11
PHONE NUMBER:	RE:
518-782-2100	Proposal for Geophysical Investigation

☐ URGENT ☐ FOR REVIEW HARD COPY SENT VIA: _____

NOTES/COMMENTS:

50 North Harrison Avenue, Suite 11, Congers, New York 10920
Voice: (845) 268-1800 · Fax: (845) 268-1802

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

GPR
MAGNETICS
ELECTROMAGNETICS
SEISMICS
RESISTIVITY
UTILITY LOCATION
UXO DETECTION
BOREHOLE CAMERA
STAFF SUPPORT

June 13, 2007

Mr. Andrew Vitolins
Malcolm Pirnie, Inc.
43 British American Boulevard
Latham, NY 12110
(518) 782-2100
(518) 782-0500 Fax

RE: NYDEC Contract D004439-WA8

Dear Mr. Vitolins:

NAEVA Geophysics, Inc. is pleased to submit for your review the following costs associated with a geophysical investigation to be conducted at the Old Bethpage Industrial Area located in Old Bethpage, New York. The site is comprised of 31 contiguous properties, 15 of which will be examined during the course of this investigation. The purpose of the investigation will be to mark out the surface traces of detectable subsurface utilities and underground storage tanks (USTs), and where feasible, identify areas of concrete fill material. The Malcolm Pirnie request for proposal (RFP) assumes each property is roughly 2 acres in size, with buildings covering about 1 acre. Only exterior portions of the site are to be investigated. From aerial photographs it appears most of the 15 properties are currently being used for warehousing operations, and much of the exterior areas are covered by parking lots and truck bays. It is our understanding that Malcolm Pirnie will arrange for the removal of vehicles from the areas of concern prior to our arrival on site.

To satisfy the objectives of this project NAEVA proposes to utilize terrain conductivity and electromagnetic methods, along with ground penetrating radar (GPR). A Geonics EM-31 in an attempt to delineate USTs and the edges of landfill material, while a Geonics EM-61, a Fisher TW-6, and GPR can be used to locate metallic targets such as USTs. Electromagnetic utility-locating instruments will be used to trace and mark out subsurface utilities.

EM-31 Terrain Conductivity Meter The EM-31 measures the conductivity of the subsurface material and is useful for delineating areas where conductivity differs from background. These variations can be caused by subsurface features such as landfills and burial pits, foundations of former buildings, some contaminant plumes, and also by the

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(434) 978-3187
(434) 979-0701 Fax

electromagnetic fields produced by buried utilities. We expect that concrete fill, if present, will exhibit a different conductivity than the surrounding native soil.

The EM-31 measures two components of an induced magnetic field. The first component is the quadrature-phase (or terrain conductivity) component, which is a measurement of the apparent soil conductivity expressed in millisiemens per meter (mS/M). The second is the in-phase component, which is a relative measurement between the induced magnetic field and the earth's magnetic field expressed in parts per thousand (ppt). Terrain conductivity is used to identify areas of anomalously high or low conductivity that can be caused by landfills, former building foundations, or contaminant plumes. The in-phase component is much more sensitive to metallic objects and, therefore, can be useful in the detection of USTs, buried steel drums, and other metallic objects. The EM-31 cannot be operated over steel-reinforced concrete pavement or in the immediate vicinity of buildings, vehicles, chain-link fences, or complex subsurface utility networks

A grid of parallel traverses will be established across each area of investigation. EM-31 data will collected at roughly 2.5-foot intervals along each traverse. The data will be processed and used to generate terrain conductivity contour maps that should assist us in identifying the limits of landfill material, accumulations of buried metal, and USTs. Significan anomalies will be further investigated using a Fisher TW-6 hand-held metal detector and GPR. The edges of detected landfills will be marked with paint and/or flagged wooden stakes.

EM-61 Metal-detector In areas where concrete fill is not expected and the primary concern is buried metal, a Geonics EM-61 may be substituted for the EM-31. The EM-61 is a high-resolution time-domain electromagnetic metal detector that is capable of detecting both ferrous and non-ferrous metallic objects. In comparison with the EM-31, it is much more suitable for work in close proximity of buildings, vehicles, metal fences, and underground utilities. Typically, EM-61 data is also collected along a grid of parallel traverses spaced 5 feet apart. The EM-61 data is processed and used to generate an EM-response contour map. The contour map is inspected for anomalous areas that can indicate the presence of metallic objects such as USTs and buried drums. Because the cart-mounted instrument takes readings at approximately 0.5-foot intervals, the response curves from the receiver coils are typically well-defined positive peaks that allow accurate lateral location of targets. Significant anomalies will be further investigated using a Fisher TW-6 hand-held metal detector and GPR to characterize their sources better.

Fisher TW-6 If surface conditions are unsuitable for the use of either the EM-31 or EM-61, or if the approximate locations of the USTs are known, so that the areas to be investigated can be limited to a relatively small size (roughly 1/4–acre or less), then the Fisher TW-6 hand-held electromagnetic metal-detector will be utilized as the primary investigative tool. The instrument consists of a transmitter coil and a receiver coil mounted at opposite ends of a 4-foot horizontal staff. The transmitter is fixed in a vertical position. The receiver's orientation is then adjusted to the horizontal, exactly perpendicular to the transmitter. When the receiver is in this perpendicular orientation, its

response to the transmitter is at a minimum. Metallic objects in the vicinity of the instrument pick up the transmitted signal, and acting as secondary transmitters, cause detectable interference at the receiver. By adjusting the gain of the instrument, as well as its position relative to a buried metallic object, an experienced operator can often obtain information as to the size or shape of the target.

The metal detector will be carried over each area of investigation in a series of closely spaced traverses. Metal-detector anomalies large enough to potentially represent USTs will be marked on the ground and further investigated using GPR.

Utility Mark Out NAEVA will begin by reviewing all available client-supplied utility plans. Next, a thorough visual inspection of the area of concern for evidence of buried utilities, such as gas meters, valve boxes, manhole covers, and utility risers, will be performed. Accessible manhole covers and catch basins will be opened and their interiors inspected to determine the routing of the utilities.

We will then use electromagnetic utility-locating instruments to delineate metallic and electrically conductive utilities. These instruments work on the principle of applying a radio frequency signal onto a line and then tracing the signal at the surface using a specialized receiver. The limit of detection for these instruments is about 15 feet below grade. The signal application is accomplished by either conduction or induction methods.

For conduction, the transmitter lead is attached directly to the metallic pipe or conduit using a magnet or alligator clamp. While this is the preferred method of signal application and produces the best tracing signal, it obviously cannot safely be used for live electric lines.

A tracing signal can be *induced* onto an insulated electric line using a split induction clamp attached to the end of an electrician's "hot-stick." When the clamp is closed around the electric cable and a signal is applied to the clamp, an induced signal is propagated onto the line.

To investigate non-metallic utilities such as vitreous clay or PVC sewers, tracing signals are conducted onto a flexible steel antenna that is inserted into the line. This signal allows the lines to be detected at the ground surface by an operator using a utility-locating receiver. For larger diameter pipes (in excess of about 12 inches), radio-frequency transmitting beacons are advanced into the lines using a coiled 300-foot fiberglass rod. Small beacons are used for depths to 13 feet. Larger beacons are utilized for depth greater than 13 feet.

NAEVA utilizes a ground penetrating radar (GPR) system to assist in the delineation of both metallic and non-metallic subsurface utilities. During operation, the GPR's antenna radiates a short pulse of electromagnetic energy (250 MHz frequency) downward into the ground. When this pulse strikes a subsurface interface having different electrical properties, a portion is reflected back and recorded at the surface while the remaining energy continues downward to subsequent layers. The triggering of these pulses is

controlled by an integrated odometer attached to the wheel of the unit. These pulses are collected at approximately one-inch intervals. As the GPR unit moves across an area of investigation, the data are electronically processed and displayed on the video console in the form of profiles. These profiles are visually examined for reflections that can be inferred to represent subsurface features.

GPR can often provide high-resolution cross-sectional images of buried objects, but its suitability is site-specific. In general, better results are obtained in dry, resistive, sandy soils than in wet, clayey, conductive ones.

Detected USTs and subsurface utilities will be marked with paint using the American Public Works Association color code (red for electric; yellow for natural gas and petroleum-related lines; green for sewers; blue for water; and orange for telecommunications), and will be added to the Malcolm Pirnie supplied site plans for the 15 areas of investigation.

Total Estimated Cost

NAEVA's **lump sum** cost to provide the requested geophysical services utilizing our standard 2-man crew are included on the attached Malcolm Pirnie bid form. NAEVA expects this project will require about 1.5 crew/days per property to complete. If necessary, multiple crews can be assigned to this project to shorten the duration of the task.

Availability

NAEVA is prepared to begin this work within ten (10) business days of receiving notice to proceed. This proposal will remain valid a minimum of 120 days from the original bid due date of June 11, 2007.

Field personnel

NAEVA's approach to geophysical investigations begins with a highly experienced crew. Our on-site personnel, without exception, are geophysicists and geologists with a strong understanding of the scientific principles applicable to effective geophysical surveys. The team leaders who will be assigned to this project have performed hundreds of subsurface investigations. All employees have completed an OSHA approved HAZWOPER 40-hour hazardous materials site worker course, are current with their annual 8-hour refresher training, and are enrolled in NAEVA's medical monitoring program.

Statement of Compliance

If awarded this contract, NAEVA will conduct all field activities in full compliance with all applicable OSHA standards and other federal, state and local government ordinances, statutes, and regulations.

Considerations and Recommendations

Investigating Subsurface Utilities and Other Underground Features

- The location of USTs, subsurface utilities, and other subsurface features is dependent upon the detection of magnetic fields or electromagnetic waves at the ground surface that are then interpreted as representing lines. These fields or waves can be attenuated and distorted by a number of factors including soil moisture, steel reinforced concrete, and proximity to other surface and subsurface facilities. In practical terms, NAEVA serves to **reduce** the chances of accidental damage during excavation operations. However, it is important to be aware that for the above reasons, **not all underground lines, piping, utilities, and facilities are detectable.** Underground conduits or utilities made of non-metallic or non-electrically conductive materials (i.e., PVC, fiberglass, transite, etc.) are usually more difficult to detect than ones made of conducting metals.

- It will be necessary that the areas of investigation be reasonably clear of surface obstructions such as vehicles, debris, and stored materials.

- In order to trace utilities, NAEVA will need access to the interiors of facility buildings, as well as to above ground exposures of the lines such as hydrants, utility vaults, meters, sewer clean-outs, and valve boxes. Without these aboveground hook-up points, it may be difficult or impossible to delineate the lines.

- While NAEVA strives for the highest achievable accuracy, the only way to be 100 percent sure of a line's location is to actually expose it. It is recommended to use caution when excavating within 3 feet of *any* marked line, regardless of the color.

- We recommend that you mark any proposed excavations on the ground and notify the regional "one-call" center to inform them of your intentions a minimum of 72 hours prior to breaking ground. The responsibility to make this call is yours.

Investigations Using Ground Penetrating Radar (GPR)

- GPR is affected by site conditions such as the near-surface soil type, varied ground surface materials, and soil moisture. Therefore, the depth of penetration and usefulness of GPR data cannot be known until our arrival on site.

Contractual Arrangements

- If NAEVA is awarded this contract and a subcontract is required by your Company, please send a copy of the agreement to:

Mr. Mark E. Weis, Office Manager
NAEVA Geophysics, Inc.
50 North Harrison Avenue, Suite 11
Congers, NY 10920
(845) 268-1800 (845) 268-1802-fax
mweis@naevageophysics.com

Please allow adequate time for contract negotiation.

Weather Delays

- NAEVA will not be responsible for delays to the work schedule caused by rain or other inclement weather. Paint will not adhere to wet surfaces.

Billing

- This estimate does not include standby time, which will be charged at the normal labor rates. If this project must be scheduled during off-hours (weekends or at night) additional charges may apply.

- Unless other contractual arrangements are made, payment terms are net 30 days. Overdue invoices are subject to monthly finance charges of 1.5%.

Thank you for the opportunity to submit this proposal. We look forward to working with you soon. Please call me if I may answer any questions.

Sincerely,

Mark E. Weis

Mark E. Weis
Manager-New York Operations
NAEVA Geophysics, Inc.

Attachments: Appendix A: Bid Form
Appendix B: Conflict of Interest Certification

Appendix A

Bid Form

BID FORM
GEOPHYSICAL SURVEY SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 1 of 1

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. Mobilization and demobilization, the lump sum price of Six Hundred and Thirty Dollars and Zero Cents ($ 630.00)	Lump sum	$ 630.00
ITEM 2. Provide all necessary crew and equipment to conduct geophysical survey and prepare site maps, the lump sum price of Sixty Thousand Two Hundred Ten Dollars and Zero Cents ($ 60,210.00)	Lump sum	$ 60,210.00
Bid Total – (Equal to the sum of Items 1 and 2)		$ 60,840.00

For NAEVA Geophysics, Inc.
(Corporation Name)

In New York
(State of Incorporation)

By Mark E. Weis
(Signature of Authorized Representative)

Business Address: 50 North Harrison Avenue, Suite 11
Congers, NY 10920

Phone No.: 845-268-1800 FAX No. 845-268-1802

e-Mail address.: MWeis@naevageophysics.com

Appendix B

Conflict of Interest Certification

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK
PAGE 1 of 1

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For NAEVA Geophysics, Inc
(Corporation Name)

In New York
(State of Incorporation)

By Mark E. Weis
(Signature of Authorized Representative)

Business Address: 50 North Harrison Avenue, Suite 11
Congers, NY 10920

Phone No.: 845-268-1800 FAX No. 845-268-1802

e-Mail address.: MWeis @ naevageophysics.com

Zehrfuhs, Diane

From: libyehle [libyehle@beyondbb.com]
Sent: Wednesday, June 13, 2007 10:52 AM
To: Zehrfuhs, Diane; Bagnato, Stefan
Cc: doria@radar-solutions.com
Subject: Proposal for Oyster Bay LI work

Hi Diane and Stephan,
Sorry I haven't time to put together a formal proposal. However, Here's the plan of attack:

GPR and EM-61 to locate buried metal and USTs. EM induction to see if there's anything live in the way of buried utilities. We will also trace things out, provided that there are gate boxes, services, etc. to which we can clamp.

We've done several large projects, one most notable was clearing 88 locations in the Bronx, and we are a subcontractor to the NYCDDC for their geophysics since 1999.

Mobilization/Demobe: $3,650 (assuming 3 weeks of work & 3 mobilizations)

$32,750 for Field work, including labor, equipment, per diem, and for the final deliverable—a map of each site with our results superimposed upon it.

We have a Submeter accuracy GPS to tie our grids into the basemap. We request that you provide an AutoCad DXF file in NY State plane coordinates so we can do this.

Hope that you get this OK. Call me with questions.

I have to go to my job, which is 105 miles away!

Doria

Weston Geophysical
ENGINEERS

20 Main Street P.O. Box 977
Acton, Massachusetts 01720
Phone (978) 263-3600
Fax (978) 263-3605

June 8th, 2007

Mr. Andrew Vitolins
Malcolm Pirnie, Inc.
43 British American Boulevard
Lathham, New York 12110

Subject: Proposal for Geophysical Services – Old Bethpage Industrial Area (#1-30-171)
Evaluate Subsurface Conditions at 15 Properties at the Site

Dear Mr. Vitolins:

In accordance with your request, Weston Geophysical Engineers is pleased to provide you with our technical and cost proposal for geophysical services. The purpose of the geophysical survey is to support the assessment of the subsurface conditions prior to further environmental investigations; specifically, by locating potential buried pipelines, tanks and areas of concrete fill materials around the selected buildings or designated areas. The areas are assumed to cover approximately 2 acres with 1 acre occupied by building structures that will not be investigated.

Weston acknowledges that we will provide the necessary qualified personnel and equipment within the designated period in the fall of 2007. We also acknowledge that we will comply with the specifications as required in the request for proposal, specifically, the insurance and conflict of interest requirements. Weston is well qualified to conduct the scope of work, with over 45 years of continuous service to the environmental industry. The following references are provided as well as recent project descriptions of similar projects.

The following technical approach details the methods and application of the necessary geophysical methods we will provide for this investigation. Please contact the undersigned if you have questions or require additional information.

Sincerely,

WESTON GEOPHYSICAL ENGINEERS

Peter B. Hubbard

Peter B. Hubbard
Project Geophysicist

phubbard@weston-geo.com

Cell Phone: 508-400-2427

Geophysical Investigation Technical Approach

Weston Geophysical Engineers will utilize appropriate ground sensing equipment to identify and locate possible underground features at the sites, such as, unknown utilities, underground storage tanks, associated underground piping, fuel lines, electrical, and drainage pipes buried at the property as well as possible concrete debris fill materials. The geophysical surveys will include ground penetrating radar methods. The results of this investigation will be presented on plan maps indicating the nature of the detected underground features.

If applicable, Weston will have available the equipment and resources to conduct electromagnetic induction surveys over areas that are designated as large areas where a reconnaissance of the site area is required. The application of this technique will be to support the results of the ground penetrating radar investigation.

Prior to conducting the geophysical investigations, we recommend conducting a test program to calibrate the GPR system over known utilities with a known diameter and depth. This calibration will provide estimates for size and depth of features detected during the geophysical investigations. The time-depth calibration is required to determine the site-specific average relative dielectric permitivity (RDP) also known as the "K" factor. This calibration can be done over a known target. Significant findings will be documented and communicated to your on-site Technical Representative during on-going field surveys.

Scope of Work

Due to the uncertainty of the actual sites to be investigated we estimate that 15 days will be required to complete the geophysical investigation at the 15 designated sites. This estimate is made with the understanding that all the areas are easily accessible and are generally free of obstruction. Geophysical survey parameters will include data collected in two directions (N-S and E-W) with grid line spacing appropriate for detection of the suspected target, we assume a spacing of 5 feet or less would be appropriate based on conditions at similar sites.

Geophysical Survey Methodology

Grid Reference

Survey grids will be established over the defined areas. The survey grids will be referenced to existing cultural features throughout the survey area as well as control points established prior to initiation of the geophysical surveys. Differential GPS readings will be acquired at significant corners of the areas of investigation for later correlation to existing plan maps. The geophysical grid will be marked using a combination of marking paint and temporary pin flags. Any detected features will also be marked with contrasting color marking paint during the investigations.

Ground Penetrating Radar Survey

Ground penetrating radar (GPR) surveys will be conducted over the selected areas. A MALA Ramac ground penetrating radar system or equivalent continuous recording pulse radar system, coupled with either a 250 or 500-megahertz antenna, will be used to obtain continuous profiles of the subsurface materials. GPR can provide a detailed cross-section of the subsurface as the antenna is moved along the surface of the ground. The radar method sends and receives an electromagnetic wave that is reflected from materials with differing relative dielectric permitivities. These electrical discontinuities typically result from changes in material types or properties such as an increase in moisture content or man-made features or structures.

Electromagnetic and Magnetic Surveys

If necessary, electromagnetic induction surveys will be conducted over selected areas. A Geophex GEM-2 multifrequency electromagnetic induction system may be used in conjunction with a WAAS GPS Receiver. The effectiveness of these methods for mapping features in the subsurface will depend highly on the amount of metal in the survey areas. The EMI instrumentation is configured to provide a methodology that combines electromagnetic induction and magnetic surveys into one deployment of the geophysical instrumentation. The benefit of this technology is that the time to conduct the surveys can be reduced by approximately half when both electromagnetic induction (EMI) and magnetometry surveys are required.

Budget and Logistical Considerations

The cost to conduct the proposed technical scope of work is summarized below. The charges are inclusive of mobilization of geophysical personnel and equipment, field activities, expenses, training, data analysis, and submission of draft and final reports. This cost summary is also provided on the attached Bid Form as required in the request for proposal.

Mobilization (Lump Sum)	$ 500
Geophysical Investigation	$27,000
Bid Total	$27,500

The cost shown above are provided with the understanding that the following logistical issues will be provided.

- Additional areas of investigation beyond what is estimated may require additional days of geophysical investigation. The daily rate for each authorized additional day of field activities is $2,000.

- Assistance in access to the site areas will be provided, including notification of security personnel of request for access, work order related documentation, as well as other documentation required for Weston personnel. The field activities will be conducted with a qualified two-person crew.

- Weston uses aerosol spray paint cans, similar to those used by land surveyors, (mark upside down), to mark the ground. Weston will provide MSDS sheets if necessary.

- Preliminary results are typically available at the completion of the field effort. A draft report of the findings will be available within approximately one week of completion of the entire field effort.

- We will attempt to minimize the impact on the operating facilities. However, we recommend that the sites be cleared of surface metal (dumpsters, equipment) to minimize the effect of this adverse condition on the surveys.

- The client will provide an area where the depth and size parameters are known for an underground utility. This area will be used to calibrate the ground penetrating radar system for the remainder of the geophysical investigation.

PETER B. HUBBARD

EXPERIENCE

Weston Geophysical Engineers

Project Manager and Project Geophysicist 1993 – present

Project manager and project geophysicist on numerous geophysical investigations. Duties include involvement in every aspect of these projects. Writing technical summaries for promotional articles. Meeting with client to discuss project objectives, preparation of proposal documents including statement of qualifications and scope of work, reviewing contracts. Responsible for preparing budgets, scheduling project staff, subcontractors and equipment vendors. Conduct field acquisition of data, data quality verification and analysis, report preparation and client presentations. Develop and implement health and safety plans and field training programs for technical staff.

Recent Representative Projects:

- Dominion Nuclear Power (2001 – 2006): Project Manager on multiple geophysical surveys at Millstone Nuclear Power Station to locate underground utilities prior to borings, excavations and trench layout.
- Duke Engineering Services (1997-2000): Project Geophysicist on environmental remediation studies supporting the decommissioning of nuclear power generating facilities.
- Worcester County District Attorney (1999): Project Geophysicist of a forensic investigation to locate a suspected buried body. Developed field search program as well as coordinating with District Attorney, State and local police departments controlling the crime scene.
- United Nations Special Commission (1996 – 1998): Geophysical Sensing Team Leader on weapon inspections in Iraq looking for concealed weapons of mass destruction. Team liaison responsible for coordination with UN staff and Iraqi military personnel. Plan, implement, and report on team activities.
- Hardesty & Hanover (2001): Project Geophysicist on a crosshole seismic velocity measurement project for the evaluation and rehabilitation of the Whitestone Bridge, New York.

Office Manager 1991 – 1993

Responsibilities included the integration of information from local office to branch offices and corporate headquarters.

- Massachusetts Department of Environmental Protection SARSS Contract Administrator: Responsible for installation and application of project cost/billing tracking system. Coordinate assignments with technical staff and subcontractors. Prepared work documents and participated in project administration meetings.
- Branch Office Coordinator: Provided logistical support for branch offices, including coordinating computer systems, phone system specification and installation, office space and equipment acquisition. Prepared monthly office and project budget and expenditure reports to branch offices and summaries to corporate management. Prepared projections of operating quarterly budgets for corporate management.

Technical Specialist 1982 – 1991

As an integral member of scientific staff duties included participation in every aspect of the project process.

- Historical earthquake database research including participating in library research and maintenance of a proprietary earthquake database.
- Research and catalog technical references for technical library.
- Revise Quality Assurance/Quality Control procedures for earthquake database analysis.
- Field supervisor and technician on various geophysical projects including regional gravity surveys of southeastern Washington and microearthquake monitoring in eastern Tennessee.

CERTIFICATION

American Red Cross Adult CPR Certified

OSHA (29 CFR 1910.120) HAZWOPER 40-Hour and 8-Hour update training and medical monitoring certified.

EDUCATION

Bachelor of Science – Geology – Northeastern University 1982

BID FORM
GEOPHYSICAL SURVEY SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 1 of 1

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. Mobilization and demobilization, the lump sum price of Five Hundred Dollars and No Cents ($)	Lump sum	$ $ 500.00
ITEM 2. Provide all necessary crew and equipment to conduct geophysical survey and prepare site maps, the lump sum price of Twenty Seven Thousand Dollars and No Cents ($)	Lump sum	$ $ 27,000.00
Bid Total – (Equal to the sum of Items 1 and 2)		$ $ 27,500.00

For Weston Geophysical Engineers
(Corporation Name)

In Massachusetts
(State of Incorporation)

By Peter B. Hubbard
(Signature of Authorized Representative)

Business Address: P.O. Box 977 (20 Main Street) Acton, MA 01720

Phone No.: (978) 263-3600 FAX No. (978) 263-3605

e-Mail address.: phubbard@weston-geo.com

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CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK
PAGE 1 of 1

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For Weston Geophysical Engineers
(Corporation Name)

In Massachusetts
(State of Incorporation)

By Peter B. Hubbard
(Signature of Authorized Representative)

Business Address: P.O. Box 977 (20 Main Street) Acton, MA 01720

Phone No.: (978) 263-3600 FAX No. (978) 263-3605

e-Mail address.: phubbard@weston-geo.com

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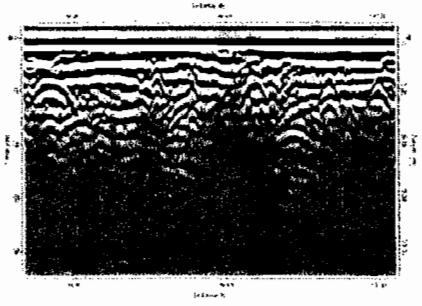
Geophysical Services – Subsurface Utility Identification
Millstone Nuclear Power Plant
ISFSI Dry Fuel Storage Project

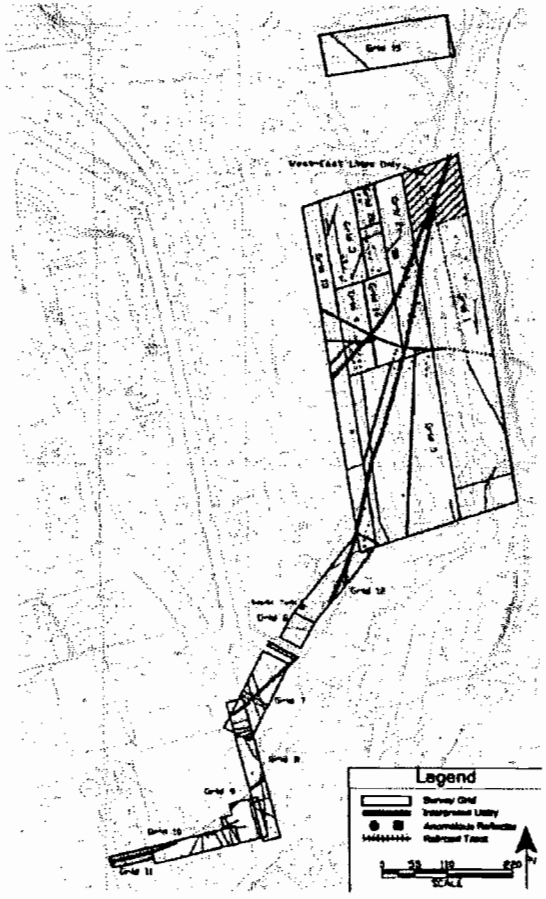
Client: **ENERCON SERVICES, INC.**
400 Valley Road, Suite 104
Mount Arlington, New Jersey 07856

Contact: R. J. McGoey, Project Manager
Duration: November 2002 to February 2003
Total Project Cost: Not to Exceed $20,000

During a period between November 2002 and February 2003, Weston Geophysical Engineers personnel performed ground penetrating radar (GPR) and other geophysical surveys on the proposed Independent Spent Fuel Storage Installation (ISFSI) site (200 by 600 feet) at the Millstone Nuclear Plant. The purpose of these surveys was to locate and identify subsurface utilities beneath the proposed dry storage site, and along the proposed haul route leading to the storage area. A MALÅ Geoscience X3M radar control unit was used in conjunction with a RAMAC 250 MHz antenna to collect the GPR data. These data were collected and monitored in the field with MALÅ Ground Vision software (Version 1.3.4) for quality control purposes. Profiles were time gain filtered and frequency filtered (bandpass-50/400 MHz) prior to interpretation.

GPR data consistently attained approximately 8-feet of subsurface penetration at the site. Within the upper 8-feet of the subsurface, buried utility conduits were identifiable in the data. An example of the GPR data is shown at right. The locations of interpreted utilities were traced between GPR profiles where possible and the results are displayed on a plan map showing subsurface reflectors, representing utility conduits.





Above is the generalized plan map showing the extent of detected subsurface features under the proposed structure footprint. In addition to this coverage additional utility clearance was conducted at proposed geotechnical boring locations. This additional utility clearance was conducted relatively in "real-time" to facilitate un-interrupted drilling activities.

Additional services were provided in support of the engineering and design of the ISFSI facility including: seismic refraction profiling and seismic velocity measurements for pre-construction information on depths to bedrock, groundwater, and overburden and bedrock material strength properties for the design of the soil-structure interaction properties.

Geophysical Investigation at
Saint Patrick's Parish Property
424 Dudley Street, Roxbury

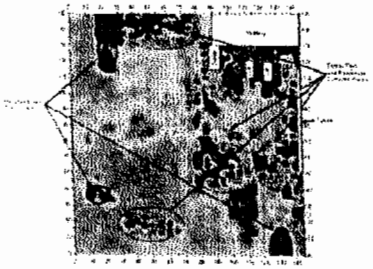
Client:	**DeRosa Environmental Consulting, Inc.** 46 North Main Street Ipswich, Massachusetts 01938
Contact:	Mr. F. Matthew Thyng
Duration:	August 2006
Total Project Cost:	Not to Exceed $5,000

Weston Geophysical Engineers utilized Ground Penetrating Radar (GPR) and Electromagnetic induction (EMI) to identify and locate possible tanks and utility obstructions and to provide information on the locations of the associated underground piping, such as, fuel lines, electrical, drainage and other utilities buried in and around the original footprint of the razed buildings. The results of this investigation are presented on plan maps indicating the nature of the detected underground features.

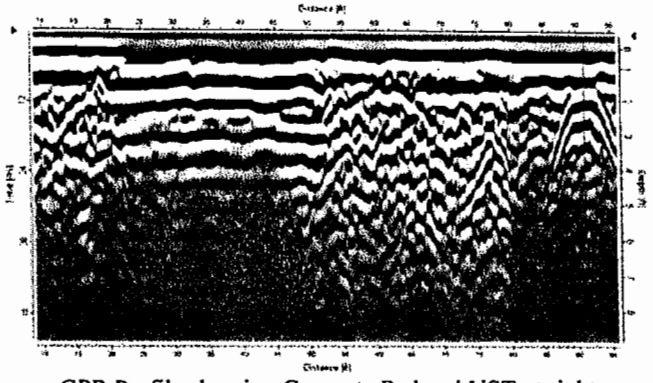
Due to the dense vegetation at certain parts of the site an EMI survey was conducted over the entire area to complement the GPR survey. A Geophex GEM-2 multifrequency electromagnetic induction system was used to complete the survey coverage over the specified areas of interest. The EMI instrumentation was configured to provide a methodology that combines electromagnetic induction and magnetic surveys into one deployment of the geophysical instrumentation.

The first figure shows the extent of the survey coverage as well as the interpreted features detected during the GPR and EMI surveys. The first figure also shows a number of locations that we recommend for further investigation as a result of anomalous readings from the EMI survey. The second figure shows the EMI anomaly map with known cultural features such as cars and other visible metallic obstructions. Also shown is one of the two GPR detected underground storage tanks (UST). The third and forth are representative ground penetrating radar profiles over the detected underground storage tank as well as the rebar detected at one of the EMI anomalous areas of the razed building.

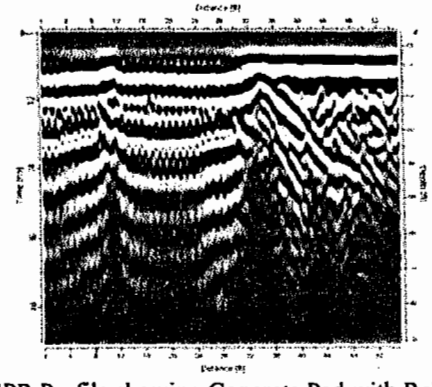
Plan Map with Targets and



EMI Contour Map



GPR Profile showing Concrete Pad and UST at right



GPR Profile showing Concrete Pad with Rebar

QUOTE REQUEST FOR IDW DISPOSAL SERVICES

Location: **NYSDEC**
Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Drilling Companys: **EP&S, EWMI, Iron Eagle, Precision, & TIER**

Item	Estimated Quantity	Unit	EP&S	EWMI	Iron Eagle	Precision	TIER
Analytical	1	Lump Sum	$740	$1,100	$6,958	$9,500	$4,400
IDW Disposal	1	Lump Sum	$95,063	$14,400	$25,531	$30,369	$19,975
TOTAL COST:			$95,803	$15,500	$32,489	$39,869	$24,375

New York State
Department of Environmental Conservation
Division of Environmental Remediation

Subcontract Certification

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 includes 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 does include a statement of compliance with all licenses, certifications and permits, if applicable. (Note: This can be determined at: http://www.wadsworth.org/labservices.htm).

2. The Contractor has determined the costs are reasonableness. 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, the COI certification must be submitted to the project manager upon activation.)

4. For subcontracts in excess (or anticipated to be) of $10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of $10,000 the subconsultant 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/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 when 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) is included as appropriate.)

9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

Signature of Contractor's Authorized Representative — Date

MALCOLM PIRNIE, INC. — D004439-8

Contractor Name — Contract No. WA No.

EWMI

Subcontractor Name — 2/7/07

SCOPE OF WORK INVESTIGATON DERIVED WASTE DISPOSAL OLD BETHPAGE INDUSTRIAL AREA (#1-30-171) OYSTER BAY, NASSAU COUNTY, NEW YORK AND HUNTINGTON, SUFFOLK COUNTY, NEW YORK

1. PROJECT DESCRIPTION

Malcolm Pirnie, Inc. (Malcolm Pirnie) is requesting cost proposals from Waste Disposal contractors to provide services at the Old Bethpage Industrial Area (Bethpage) site located in the Towns of Oyster Bay and Huntington, New York (Figure 1). The site consists of 31 properties. A site characterization is being performed at 15 of these properties, which requires the disposal of soil drill cuttings and purged groundwater.

2. SCOPE

Waste disposal services will be required to transport and properly dispose of approximately 150 55-gallon drums of drill cuttings and purged water derived during a subsurface evaluation of the site. Based on historical information, soil and groundwater in the vicinity of the site contain volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Soil and groundwater samples will be collected during the investigation and analyzed for VOCs and SVOCs. The results of the analyses will be provided to the selected disposal contractor for waste characterization. Additional waste characterization, if required, will be the responsibility of the disposal contractor. The drums will be staged on a level area with a hard surface that is truck accessible. Level "D" personal protective equipment is appropriate for this site. The scope of work includes the following:

1. 1. Characterize drill cuttings for disposal.
2. 2. Load, transport, and dispose of approximately 150 55-gallon drums of drill cuttings.

3. ADDITIONAL INFORMATION

This work is being performed under the New York State Department of Environmental Conservation (NYSDEC) Standby Contract (#D004439-WA8). The work will be performed under a Task Order Subcontract. It is anticipated that this work will be conducted in the fall of 2007.

4. INSURANCE COVERAGE

The subcontractor, throughout the term of the contract and any extensions thereof, shall obtain and maintain in full force and effect, the following insurance, from an insurance carrier licensed to do business in New York State, with limits not less than those described below or as required by law. Limits may be provided through a combination of primary and umbrella/excess policies:

1. 1. Worker's Compensation and Employer's Insurance Worker's

Compensation Insurance in the statutory amount and Employer's Liability Insurance in an amount not less than $500,000 for all employees engaged in the Work. In case any such Work is sublet, Subcontractor will require the lower-tier subcontractor similarly to provide the same level of insurance for all of the latter's employees.

2. 2. Commercial General Liability Insurance Commercial general liability insurance provided on a "broad form" basis covering without limitation, operations, completed operations, contractual agreements and independent contractors with minimum limits of liability as set forth below, on an occurrence basis, issued to and covering the liability of the Subcontractor with respect to all work performed by the Subcontractor under this Subcontract.

3. 2.1 General Aggregate: $2,000,000

4. 2.2 Products/Completed Operations Aggregate: $1,000,000

5. 2.3 Personal Injury: $1,000,000

6. 2.4 Each Occurrence: $1,000,000

7. 3. Motor Vehicle Liability Insurance Motor vehicle liability insurance, including a MCS endorsement, covering any vehicle, including without limitation, hired, owned and non-owned automobiles with minimum limits of liability of $1,000,000 combined single limit.

5. PROPOSAL INFORMATION

Malcolm Pirnie is requesting a Bid for the above scope of work, which shall include the following items:

1. 1. A cost estimate to include all materials, equipment, labor, and incidentals for completing the work described above. See attached Bid Form (Appendix A).

2. 2. Availability of your firm to start the project.

3. 3. A statement of qualifications for the proposed work.

4. 4. A statement of compliance with all applicable licenses, certifications, and permits.

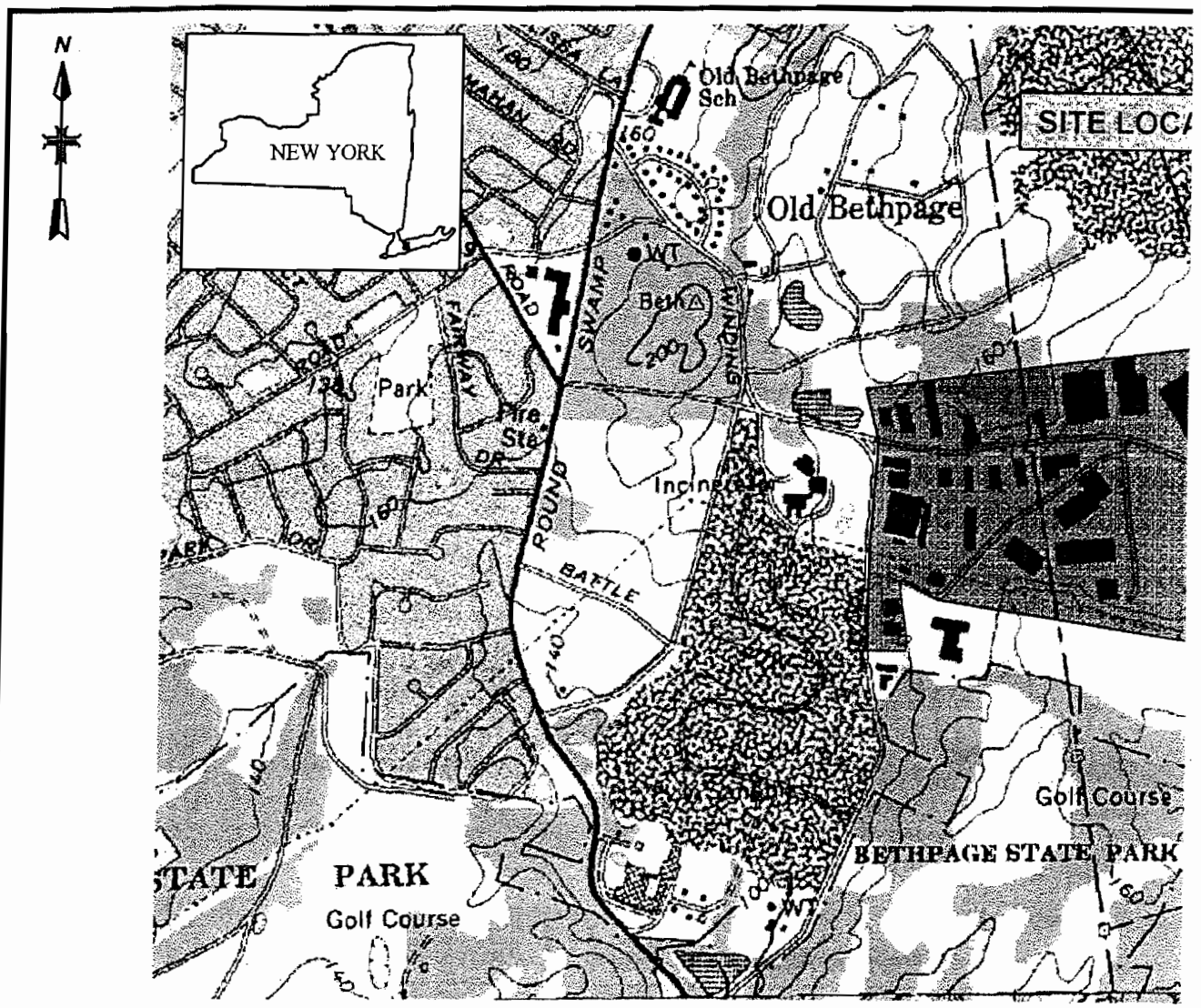
If your firm wishes to bid on this proposal, please complete the attached Conflict of Interest Certification (Appendix B) and return with your proposal.

Proposals can be submitted electronically to avitolins@pirnie.com, by facsimile at (518) 782-0500, or by mail at the following address:

MALCOLM PIRNIE, INC.
43 BRITISH AMERICAN BOULEVARD
LATHAM, NEW YORK 12110

ATTN: ANDREW VITOLINS The due date for proposal submission is Monday, June 11, 2007. Proposals submitted electronically should be in Adobe Acrobat (*.pdf) or Microsoft Word format. If you

have any questions, or require additional information, please contact Andrew Vitolins at (518) 782-2139.



Source: USGS 7.5 minute 1992 Huntington quadrangle topographic map.

\\ALBANY\Data\PROJECT\0266359\FILE\PMWP\Figure1-SiteLocation.ppt

MALCOLM PIRNIE

OLD BETHPAGE INDUSTRIAL AREA, SITE #1-30-171
OYSTER BAY, NASSAU COUNTY AND HUNTINGTON, SUFFOLK COUNTY, NEW YORK
PROJECT MANAGEMENT WORK PLAN

SITE LOCATI

$95,802.50

For: __Enviornmental Products & Services of Vermont (Corporation Name)

In___Vermont
(State of Incorporation)

By____*Thomas J. Burke*
(Signature of Authorized Representative)

Business Address: 529 Route 303 Orangeburg, N.Y. 10962___

H:\PROJECT\0266359\FILE\BIDS\IDW\BID FORM - IDW.DOC

BID FORM INVESTIGATION DERIVED WASTE DISPOSAL OLD BETHPAGE INDUSTRIAL AREA OYSTER BAY AND HUNTINGTON, NEW YORK PAGE 2 of 2

Phone No.:_____FAX No._____ e-

Mail address.:_____

Appendix B Conflict of Interest Certification

CONFLICT OF INTEREST CERTIFICATION OLD BETHPAGE INDUSTRIAL AREA OYSTER BAY, NASSAU COUNTY, NEW YORK AND HUNTINGTON, SUFFOLK COUNTY, NEW YORK PAGE 1 of 1

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For_____
_____ (Corporation Name)

In_____
_____ (State of Incorporation)

By_____
_____ (Signature of Authorized Representative)

Business
Address:_____
____

Phone No.:_____FAX

No._____ e-Mail

address.:_____

Attachment 1

Conflict of Interest Certification

Attachment to Conflict of Interest Certification

Nearby Listed Inactive Hazardous Waste Sites - Not Part of Investigation

1. 1. Old Bethpage Landfill (Site No. 1-30-001), Bethpage-Sweethollow Road, Town of Oyster Bay. Responsible Parties (from ROD): Cerro Conduit Company; Cerro Wire and Cable, Inc; Cerock Wire and Cable Group, Inc.; Grumman Corporation; Grumman Aerospace Corporation; Occidental Chemical Corp.; Occidental Petroleum Corp.; The Rockbestos Company; Town of Oyster Bay.
2. 2. Claremont Polychemical Corporation (Site No. 1-30-015), 501 Winding Road, Town of Oyster Bay. Responsible Parties: Claremont Polychemical Corporation, Winding Road Estates, Winding Road Properties.
3. 3. Nassau County Fire Training Center (Site No. 1-30-042), Winding Road, Town of Oyster Bay Responsible Party: Nassau County

Partial List of Properties in the Industrial Area

Current Occupant(s)	**Address**	**Town**
Advance Relocation Molloy Brothers Moving & Storage (Formerly Dynaforce)	195 Bethpage-Sweethollow Road	Oyster Bay
Central Transport (or Transit) International	192 Bethpage-Sweethollow Road	Oyster Bay
Kathy Van Zeeland (Formerly Display Products Inc)	185 Bethpage-Sweethollow Road	Oyster Bay
Skate Safe America (Formerly BTU Systems)	182 Bethpage-Sweethollow Road	Oyster Bay
National Maintenance	On Bethpage-Sweethollow Road adjacent to #185 to the west	Oyster Bay
New York Paving	On Bethpage-Sweethollow Road adjacent to National Maintenance to the west	Oyster Bay
Hitemco	160 Bethpage-Sweethollow Road	Oyster Bay

Trulite Louvre (formerly Filtron Corp)	148 Bethpage-Sweethollow Road	Oyster Bay
Global Pottery	On Winding Road directly south of New York Paving	Oyster Bay
Southampton Brick & Tile	303 Winding Road	Oyster Bay

Prima Vision (or Mason) Supply Alside Wholesale Building Products		
Mr. Bar-B-Que (Formerly Captree Chemical)	445 Winding Road	Oyster Bay
Seville Transit Mix Company(?)	459 Winding Road	Oyster Bay
Bethpage Stables/Riding Academy	On Winding Road directly south of #459	Oyster Bay
P&P Paper	311 Winding Road	Oyster Bay
New England Motor Freight (Formerly A-P-A Transit Co.)	Unknown - south of Bethpage-Sweethollow Road	Oyster Bay
Graphic Image, Inc.	305 Spagnoli Road	Huntington
Miss Chocolate	North side of Bethpage-Sweethollow Road or Spagnoli Road	Oyster Bay or Huntington
Unknown	290 Spagnoli Road	Huntington
Malhame Regina Press & Make Gift Collections	South side of Spagnoli Road	Huntington
Chyron, Bi-Lo Distributors	5 Hub Drive	Huntington
Lindenmeyr Munroe The Paper counter	West side of Hub Drive	Huntington
Keyspan	25 Hub Drive	Huntington
Marchon	35 Hub Drive	Huntington
Access Direct	270 Spagnoli Road	Huntington
Phoenix Gymnastics	North side of Bethpage-Sweethollow Road or Spagnoli Road	Oyster Bay or Huntington

NDR	260 Spagnoli Road	Huntington
Austin Travel	265 Spagnoli Road	Huntington
Future Tire Company	202 Bethpage-Sweethollow Road	Oyster Bay
Aljo Precision Products GEFA Instrument Corp. (Formerly Life Industries)	205 Bethpage-Sweethollow Road	Oyster Bay
Family Residences & Essential	191 Bethpage-Sweethollow Road	Oyster Bay

Enterprises

Inc. Unknown

301 Winding Road

Oyster Bay

(Formerly American Louvre)

Appendix A Bid Form

BID FORM INVESTIGATION DERIVED WASTE DISPOSAL OLD BETHPAGE INDUSTRIAL AREA OYSTER BAY AND HUNTINGTON, NEW YORK

	ESTIMATE D COMPUTED DESCRIPTION QUANTITIES TOTALS
ITEM 1. Obtain all necessary analytical testing for proper characterization of investigation derived waste, the lump sum price of	Lump sum
Sample(Full TCLP) Seven Hundred Forty Dollars and Zero Cents ($740.00)	
ITEM 2. Provide all necessary equipment, labor, and incidentals to Load, Transport, and Dispose of approximately 150 55-gallon drums of investigation derived waste, the unit cost of:	
Ninety Five Thousand Sixty Two Dollars and Fifty Cents ($95,062.50)	
Bid Total – (Equal to the sum of Items 1 and 2)	

Environmental Waste Minimization, Inc.
EWMI
RAPID RESPONSE INC.
An Affiliate of EWMI

14 Brick Kiln Court
Northampton, PA 18067
Ph: (484) 275-6900
Fax: (484) 275-6970
www.ewmi-info.com

May 29, 2007

Phone: (518) 782-2100
Fax: (518) 782-0500

Diane Bertok
Malcolm Pirnie Inc.
43 British American Blvd.
Latham, NY 12110

REFERENCE: **FQD #SH061207 - FORMAL QUOTATION**
Bethpage, NY IDW

Dear Diane:

Environmental Waste Minimization, Inc. (EWMI) is pleased to provide this proposal for the materials referenced below. Our pricing is based upon your verbal information, supplied documentation and/or samples provided.

Pricing Summary:

Waste Stream	Waste Category	Specifications	Price per Unit
1	Drill Cuttings	▪ Non DOT/RCRA Hazardous ▪ Waste Analysis must include: o TCLP RCRA Metals, PCB's, TCLP RCRA VOC's, SVOC's, PAH's	$85.00
1a	Waste Analysis (If specified analysis not provided)	▪ One Composite Sample o TCLP RCRA Metals, PCB's, TCLP RCRA VOC's, SVOC's, PAH's	$1,100.00

Transportation via Box Trailer (up to 50 drums per load)..... $550.00/load

Notes:

1. Disposal pricing contingent upon waste approved and accepted by designated disposal facility.
2. Generator or designated agent must sign waste profile sheets and waste shipping papers.
3. Generator is responsible for any additional charges due to non-conforming waste.

4. A no load fee of $650.00/load will apply for trucks ordered and not used.
5. Taxes, if applicable, are not included;
6. Free and clear access must be provided;
7. A Diesel fuel surcharge of $102.00 will be added to the invoice amount.
8. A two and one-half (2.5%) insurance surcharge shall apply to total invoice amount

All containers must be in D.O.T. shippable condition. Containers that are not shippable will require overpacking or re-containerization. Overpack drums or repacking will be billed at $125.00 each. An additional handling fee of $50.00/drum will apply for labor, handling, removing of overpack at the treatment facility.

If the waste analysis proves that the soil is hazardous, an EPA identification number/or State identification number must be furnished in order to initiate a waste pickup. EWMI will assist the generator on obtaining an EPA identification number or State identification number if requested for a fee of $75.00.

One (1) hour waiting, loading and unloading time is included in your transportation rate. When additional time is required for waiting, loading and unloading, the charge will be $ 25.00 per quarter hour or fraction thereof. In addition, should on-site field labor be required, Environmental Waste Minimization, Inc. (EWMI) will invoice this service at $ 48.00 per hour per man.

The terms of this agreement to be the exclusive provider of services listed herein is for a term commencing on the date hereof and continuing twelve (12) months after said date and shall be renewed for successive twelve (12) month terms without further action.

In return for the agreement to contract EWMI's services, pricing will be held firm for a period of one year of date of signed contract. EWMI reserves the right to raise prices at any time due to increased waste taxes or other unforeseen event which escalates costs. Any increases would be submitted in writing thirty (30) days in advance and both parties shall agree to increases before they become effective. Automatic contract renewal will be executed on the anniversary date of the undersigned agreement unless terminated in writing with sixty (60) days notice(certified mail). Additional contract terms and conditions are hereby incorporated by reference as found in Malcolm Pirnie's standard terms and conditions already executed.

Milkrun pricing is based on the drums being picked up at Environmental Waste Minimization's convenience (usually within two (2) weeks). A demand pick up or dedicated load rate will be assessed if the generator requires a specific date.

EWMI has based our proposal on certain bidding assumptions. The cost estimates are our best good faith estimates on the amount of time and materials, which will be required to safely handle the projects. EMWI's team will work diligently and closely with Malcolm Pirnie Inc. to effectively manage the project. EWMI will complete detailed daily records for all activities performed. Invoicing will be based on the task and the actual work completed. Estimates may be reduced or increased based on the actual time and materials utilized to complete the work. EWMI will communicate immediately and continuously throughout the project with Malcolm Pirnie Inc. on progress. EWMI's invoicing will be based on our unit rates quoted in this proposal and on our rate sheet for items not proposed.

This pricing is in effect for thirty- (30) days from the date of this correspondence. Rates do not include any federal, state or local taxes or fees, which may be imposed.

Upon award, this project will be administered and billed by Environmental Waste Minimization, Inc. Any purchase orders and/or contracts resulting from this quotation shall be executed in the name of Environmental Waste Minimization, Inc.

Environmental Waste Minimization, Inc. requires 100% payment within thirty (30) days of the date of invoicing (pending credit approval). A 1.5% surcharge will be added following the thirty (30) days.

To schedule this project, please contact Customer Service at 484.275.6900.

Please acknowledge and return a copy of this quotation along with a purchase order number to indicate your acceptance of these terms and the separate page of Environmental Terms and Conditions. Acknowledged quotations can be faxed to 484.275.6970 Attn: Customer Service Department.

The contents of this proposal are confidential and are provided to you for the sole purpose of bid evaluation and strategies for our environmental management services. Distribution or dissemination of any information contained within our proposal without the prior approval of EWMI is strongly discouraged. EWMI greatly appreciates your assistance in maintaining our innovative competitive programs.

On behalf of all of us at Environmental Waste Minimization, Inc., I greatly appreciate the opportunity in providing the proposal for your consideration. We look forward to a favorable review of our quotation and towards a future relationship. Should you have any questions, please contact us at 484.275.6900.

Respectfully,

Steve Hoats
National Account Manager

ACKNOWLEDGMENT:

Name:_____

Signature: _____

Date:_____

P.O. #:_____

Tracking #_____

WASTE CHARACTERIZATION REPORT

☑ ***I authorize EQ – The Environmental Quality Company to choose the appropriate facility and method of waste management from the technologies offered at the EQ facilities identified below.***

☑ **Michigan Disposal Waste Treatment Plant** (Stabilization and Treatment)	49350 N. I-94 Service Drive, Belleville, MI 48111 Phone: 800-592-5489 Fax: 800-592-5329	EPA ID # MID 000 724 831
☐ **Wayne Disposal, Inc. Site #2 Landfill** (Hazardous & PCB Waste Landfill)	49350 N. I-94 Service Drive, Belleville, MI 48111 Phone: 800-592-5489 Fax: 800-592-5329	EPA ID # MID 048 090 633
☐ **EQ Detroit, Inc.** (Stabilization, Wastewater Treatment)	1923 Frederick Street, Detroit, MI 48211 Phone: 313-923-0080 Fax: 313-923-3375	EPA ID # MID 980 991 566
☐ **EQ Resource Recovery, Inc.** (Solvent Recycling, Fuel Blending, WW Treatment)	36345 Van Born Road, Romulus, MI 48174 Phone: 866-373-8357 Fax: 734-326-4033	EPA ID # MID 060 975 844
☐ **EQ North Carolina** (Stabilization, Treatment, Labpack Decommissioning)	1005 Investment Blvd, Apex, NC 27502 Phone: 919-363-4700 Fax: 919-363-4714	EPA ID # NCD 982 170 292
☐ **EQ Florida, Inc.** (Drum Consolidation, Labpack Decommissioning)	7202 East 8th Ave, Tampa, FL 33619 Phone: 813-623-5463 Fax: 813-628-0842	EPA ID # FLD 981 932 494
☐ **EQ Transfer & Processing** (Drum Transfer/Universal Waste Handling)	2000 Ferry Street, Detroit, MI 48211 Phone: 313-923-0080 Fax: 313-922-8419	EPA ID # MIK 939 928 313
☐ **EQ Indianapolis** (Drum Transfer/Non-Hazardous Waste Processing)	4000 West 10th Street, Indianapolis, IN 46222 Phone: 317-247-7160 Fax: 317-247-7170	EPA ID # IND 161 049 309
☐ **EQ Atlanta** (Drum Transfer/Non-Hazardous Waste Processing)	5600 Fulton Industrial Blvd SW, Atlanta, GA 30336 Phone: 404-494-3520 Fax: 404-494-3560	EPA ID # GAR 000 039 776
☐ **EQ Augusta, Inc.** (Wastewater Treatment)	3920 Goshen Industrial Blvd, Augusta, GA 30906 Phone: 706-771-9100 Fax: 706-771-9124	EPA ID # GAR 000 011 817

Waste Common Name: Drill Cuttings / PPE

Section 1 – Generator & Customer Information

SIC/NAICS* _____

Generator EPA ID # _____

Generator _____

Facility Address _____

City _____ State _____ Zip _____

County _____

Mailing Address _____

City _____ State _____ Zip _____

Generator Contact _____

Title _____

Phone _____ Fax _____

*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Internal Use Only: EQ Division _____

EQ Customer No. 002492

Invoicing Company Environmental Waste Minimization

Address 14 Brick Kiln Court

City Northampton State PA Zip 18067

Country USA

Invoicing Contact Arlene Stephens

Phone (484) 275-6900 Fax (484) 275-6970

Technical Contact Doug Inman

Phone (484) 275-6900 Fax (484) 275-6970

Mobile _____ Pager _____

E-mail dinman@ewmi-info.com

Section 2 – Shipping & Packaging Information

2.1) Shipping Volume & Frequency Drums

☑ One Time Only ☐ Year ☐ Quarter ☐ Month

2.2) DOT Shipping Name DOT /RCRA Non-Hazardous, Solid

2.3) Is this waste surcharge exempt? ☐ Yes ☑ No

If yes, please attach a surcharge exemption form, found in Section 2 of the EQ Resource Guide.

2.4) Packaging **(check all that apply)**

☐ Bulk Solid (Yd^3 < 2000 lbs/yd^3)
☐ Bulk Solid (Ton >2000 lbs/yd^3)
☐ Bulk Liquids (Gallon)
☐ Totes, Size _____
☐ Cubic Yard Boxes/Bags
☑ Drums, Size _____
☐ Other (palletized, 5 gal. Pail, etc.) _____

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

Section 3 – Physical Characteristics

3.1) Color Brown 3.2) Odor None

3.3) Does this waste contain any "Potentially Odorous Constituents" as defined in the EQ Resource Guide? (Section 3) ☐ Yes ☑ No

3.4) Physical State at 70°F:	☑ Solid	☐ Dust/Powder	☐ Liquid	☐ Sludge	
3.5) What is the pH of this waste?	☐ ≤2	☐ 2.1-4.9	☑ 5-10	☐ 10.1-12.4	☐ ≥12.5
3.6) What is the flash point of this waste?	☐ <90°F	☐ 90-140°F	☐ 140-199°F	☑ >200°F	
3.7) Does this waste contain? (check all that apply)		☑ None	☐ Free Liquids	☐ Oily Residue	☐ Metal Fines
☐ Biodegradable Sorbants	☐ Amines	☐ Ammonia	☐ Water Reactive	☐ Biohazard	☐ Aluminum
☐ Shock Sensitive Waste	☐ Reactive Waste	☐ Radioactive Waste	☐ Explosives	☐ Pyrophoric Waste	☐ Isocyanates
☐ Asbestos – non-friable	☐ Asbestos – friable	☐ Dioxins	☐ Furans		

Section 4 – Waste Composition and Generating Process

4.1) Describe the physical composition of the waste (i.e., soil, water, PPE, debris, key chemical compounds, etc.)

Soil	80	to 100 %	Water	0	to 1 %
PPE, Plastic, Acetate Liners	0	to 100 %	Sticks, Stones	0	to 10 %

Total: 100%

4.2) Provide a *detailed* description of the process generating this waste (attach flow diagram if available).
Drill Cuttings associated with the installation of wells. Site History:

Section 5 – Is This Hazardous Waste?

Please refer to Section 5 of the EQ Resource Guide for a list of waste codes

As determined by 40 CFR, Part 261 and State Rules:			**Please list applicable waste code(s):**
5.1) Is this an EPA RCRA listed hazardous waste (F, K, P or U)?	☐ Yes	☑ No	
5.2) Is this an EPA RCRA characteristic hazardous waste (D001-D043)?	☐ Yes	☑ No	
5.3) Do any State Hazardous Waste Codes apply?	☐ Yes	☑ No	
5.4) Is this waste intended for wastewater treatment?	☐ Yes*	☑ No	

If you answered 'no' to 5.1, 5.2, and 5.3, please skip to Section 7. *If you answered 'yes' to 5.4, please attach the Waste Characterization Report Addendum found in Section 7 of the EQ Resource Guide.

Section 6 – Hazardous Wastes

6.1) Does this waste exceed Land Disposal Restriction levels?	☐ Yes	☑ No
6.1a) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49?	☐ Yes	☑ No
6.1b) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.)	☐ Yes	☑ No
6.2) Is the waste an oxidizer (D001)?	☐ Yes	☑ No
6.3) Does this waste contain reactive cyanide ≥ 250 ppm (D003)?	☐ Yes	☑ No
6.4) Does this waste contain reactive sulfide ≥ 500 ppm (D003)?	☐ Yes	☑ No

6.5) Please indicate which constituent concentrations are below or above the regulatory level. Please indicate the basis used in the determination. Either "Below" or "Above" MUST be checked for each constituent.

Based On: ☑ Generator Knowledge ☑ Analysis* ☐ MSDS*
***Please attach a copy. Analysis or MSDS are required for EQFL Non-hazardous wastes.**

Code		Regulatory Level TCLP (mg/l)	Concentration (if above)
D004	Arsenic	5	☑ Below ☐ Above
D005	Barium	100	☑ Below ☐ Above
D006	Cadmium	1	☑ Below ☐ Above
D007	Chromium	5	☑ Below ☐ Above
D008	Lead	5	☑ Below ☐ Above
D009	Mercury	0.2	☑ Below ☐ Above
D010	Selenium	1	☑ Below ☐ Above
D011	Silver	5	☑ Below ☐ Above
D012	Endrin	0.02	☑ Below ☐ Above
D013	Lindane	0.4	☑ Below ☐ Above
D014	Methoxychlor	10	☑ Below ☐ Above
D015	Toxaphene	0.5	☑ Below ☐ Above
D016	2,4-D	10	☑ Below ☐ Above
D017	2,4,5-TP (Silvex)	1	☑ Below ☐ Above
D018	Benzene	0.5	☑ Below ☐ Above
D019	Carbon Tetrachloride	0.5	☑ Below ☐ Above
D020	Chlordane	0.03	☑ Below ☐ Above
D021	Chlorobenzene	100	☑ Below ☐ Above
D022	Chloroform	6.0	☑ Below ☐ Above
D023	o-Cresol	200	☑ Below ☐ Above

Code		Regulatory Level TCLP (mg/l)	Concentration (if above)
D024	m-Cresol	200	☑ Below ☐ Above
D025	p-Cresol	200	☑ Below ☐ Above
D026	Cresols	200	☑ Below ☐ Above
D027	1,4-Dichlorobenzene	7.5	☑ Below ☐ Above
D028	1,2-Dicholoroethane	0.5	☑ Below ☐ Above
D029	1,1-Dichloroethylene	0.7	☑ Below ☐ Above
D030	2,4-Dinitrotoluene	0.13	☑ Below ☐ Above
D031	Heptachlor	0.008	☑ Below ☐ Above
D032	Hexachlorobenzene	0.13	☑ Below ☐ Above
D033	Hexachlorobutadiene	0.5	☑ Below ☐ Above
D034	Hexachloroethane	3.0	☑ Below ☐ Above
D035	Methyl Ethyl Ketone	200	☑ Below ☐ Above
D036	Nitrobenzene	2	☑ Below ☐ Above
D037	Pentachlorophenol	100	☑ Below ☐ Above
D038	Pyridine	5	☑ Below ☐ Above
D039	Tetrachloroethylene	0.7	☑ Below ☐ Above
D040	Trichloroethylene	0.5	☑ Below ☐ Above
D041	2,4,5-Trichlorophenol	400	☑ Below ☐ Above
D042	2,4,6-Trichlorophenol	2	☑ Below ☐ Above
D043	Vinyl Chloride	0.2	☑ Below ☐ Above

6.6) If this is a characteristic hazardous waste, does it contain underlying hazardous constituents? ☐ Yes ☑ No
If yes, please list the constituents in Section 11.

Section 7 – Non-Hazardous Wastes

For a complete list of non-hazardous waste codes, please refer to Section 7 of the EQ Resource Guide

Please list applicable waste code:

7.1) Is this a Michigan non-hazardous liquid industrial waste? ☐ Yes ☑ No _____
7.2) Is this a Universal waste? ☐ Yes ☑ No
7.3) Is this a Recyclable Commodity? (e.g.: computer monitors, free mercury, etc.) ☐ Yes ☑ No
7.4) Is this waste a recoverable petroleum product? ☐ Yes* ☑ No
7.5) Is this waste used oil as defined by 40 CFR Part 279? ☐ Yes* ☑ No

If you answered 'yes' to questions 7.4 or 7.5 please attach the Waste Characterization Report Addendum found in Section 7 of the EQ Resource Guide.

Section 8 – TSCA Information

8.1) What is the concentration of PCBs in the waste? ☑ None ☐ 0-5 ppm ☐ 6-49 ppm ☐ 50-499 ppm ☐ 500+ ppm
8.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? ☐ Yes ☑ No

If you answered "no" to 8.1 and 8.2, please skip to Section 9.

8.3) Has this waste been processed into a non-liquid form? ☐ Yes ☐ No
If yes, what was the concentration of PCBs prior to processing? ☐ N/A ☐ 0-499 ppm ☐ 500+ ppm
8.4) Is the non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ☐ Yes ☐ No
8.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ☐ Yes ☐ No
8.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ☐ N/A ☐ Yes ☐ No

Section 9 – Clean Air Act Information

NESHAP SIC*		
2812	2836	2875
2813	2841	2879
2816	2842	2891
2819	2843	2892
2821	2844	2893
2822	2851	2895
2823	2861	2899
2824	2865	2911
2833	2869	3312
2834	2873	4953
2835	2874	9511

9.1) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD or 40 CFR, Part 264, Subpart CC (RCRA)? ☐ Yes ☑ No
(Does the waste contain >500 ppm Volatile Organic Hazardous Air Pollutants – VOHAP's or Volatile Organic Compounds – VOC's?)

For a complete list of VOHAP's, please see Section 11 of the EQ Resource Guide

9.2) Is the site, or waste, subject to any other MACT or NESHAP? ☐ Yes, please specify: _____ ☑ No
9.3) Does this waste stream contain Benzene? ☐ Yes ☑ No

If you answered "no" to 9.3, please skip to Section 10.

9.4) Does the waste stream come from a facility with one of the SIC/NAICS codes listed under the Benzene NESHAP identified in 40 CFR 61, Subpart FF? ☐ Yes ☐ No
9.5) Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) ≥10 Mg/year? ☐ Yes ☐ No
For assistance in calculating the TAB, please see the TAB Worksheet in Section 9 of the EQ Resource Guide.

If you answered "no" to question 9.4 and 9.5, please skip to Section 10.

9.6) Does the waste contain >10% water? ☐ Yes ☐ No
9.7) What is the TAB quantity for your facility? _____ Mg/Year
9.8) Does the waste contain >1.0 mg/kg total Benzene? ☐ Yes ☐ No
9.9) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.

(Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.)

*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Section 10 – Fuel Blending Information

10.1) Is this waste intended for fuel blending? ☐ Yes* ☑ No

*If yes, Heat value (BTU/lb.) _____ Chlorine (%) _____ Water (%) _____ Solids (%) _____

10.2) Is this waste intended for reclamation? ☐ Yes ☑ No (5-Gallon Sample required for all reclaim waste streams)

Section 11 – Constituent Information

Please identify your waste constituents from these four categories: ***Underlying Hazardous Constituents (UHC's), Volatile Organic Hazardous Air Pollutants (VOHAP's), Volatile Organic Compounds (VOC's) and Toxic Release Inventory Constituents (TRI)***

Constituent	Concentration	UHC?		Constituent	Concentration	UHC?	
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No

Please see Section 11 of the EQ Resource Guide for a list of UHC's, VOHAP's and VOC's. For a complete list of TRI constituents, please refer to 40 CFR 372.65.

Section 12 – Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's Resource Team to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's Resource Team to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature _____ Printed Name _____

Company _____ Title _____ Date _____

The generator's signature MUST appear on the EQ Waste Characterization Report. If the generator has authorized a third party to certify this document, a written notice (on generator letterhead) must accompany this submittal. Although the EQ Resource Team is authorized to make certain modifications to the information provided on this form, the addition or removal of waste codes and waste constituents must be documented by the generator.

IRON EAGLE ENVIRONMENTAL SERVICES

FACSIMILE TRANSMITTAL SHEET

TO: Diane Bertok	FROM: Mike Amato
COMPANY: Malcolm Pirnie	DATE: 06-12-07
FAX NUMBER: 518-782-0500	TOTAL NO. OF PAGES INCLUDING COVER: 4
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE: Project No. 0266359	YOUR REFERENCE NUMBER:

☐ URGENT FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Diane, please see attached

Sincerely,

Mike Amato V.P.

IRON EAGLE ENVIRONMENTAL SERVICES, INC.
3401 MERRICK ROAD SUITE 2 WANTAGH, NY 11793
PHONE 516-826-6848 FAX 516-826-6865 WWW.IRONEAGLE8A.COM

BID FORM
INVESTIGATION DERIVED WASTE DISPOSAL
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 1 of 2

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. Obtain all necessary analytical testing for proper characterization of investigation derived waste, the lump sum price of _____ Dollars and _____ Cents ($)	Lump sum	$6957.50
ITEM 2. Provide all necessary equipment, labor, and incidentals to Load, Transport, and Dispose of approximately 150 55-gallon drums of investigation derived waste, the unit cost of _____ Dollars and _____ Cents ($)	148 ~~12~~ drums 150	$25,531.00
Bid Total – (Equal to the sum of Items 1 and 2)		$32,488.50

For Iron Eagle Environmental Services, Inc
(Corporation Name)

In New York
(State of Incorporation)

By _____ V.P.
(Signature of Authorized Representative)

Business Address: 3401 Merrick Rd. Suite 2
Wantagh, NY 11793

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK
PAGE 1 of 1

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For Iron Eagle Environmental Services, Inc.
(Corporation Name)

In New York
(State of Incorporation)

By _____ V.P.
(Signature of Authorized Representative)

Business Address: 3401 Merrick Rd Suite 2
Wantagh, NY 11793

Phone No.: 516-826-6848 FAX No. 516-826-6865

e-Mail address.: MikeAmato@IronEagleSA.com

PRECISION
Industrial Maintenance, Inc

The Triple Precision Guarantee

1. Prompt Response to Your Needs.
2. Professional Project Management.
3. Needs Analysis
4. Customer Input and Integration.
5. Project Planning
6. Accurate Cost Analysis
7. Precision Project Performance
8. Customer Follow Up
9. Triple Precision Guarantee (TPG)

Date: 6/11/07
To: Diane Bertok
Fax: 782-0500
Re: Old Bathpage Industrial Area
Sender: Chris Kirgan

You should receive 4 page(s), including this cover sheet. If you do not receive all the pages, please call (518) 346-5800.

Message:

RFP as per your request. Please give me a call with any questions.

Thanks,
Chris

At Precision Industrial Maintenance, Inc. we understand the frustration of entrusting a contractor with your work, then feeling mislead when they fail to perform. At Precision Industrial Maintenance, Inc. we have systems in place to guarantee quality, guarantee reliability and guarantee accuracy. We call this our Triple Precision Guarantee (TPG).

BID FORM
INVESTIGATION DERIVED WASTE DISPOSAL
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 1 of 2

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. Obtain all necessary analytical testing for proper characterization of investigation derived waste, the lump sum price of nine thousand five hundred Dollars and 00 Cents ($ 9,500.00)	Lump sum	$ 9,500.00
ITEM 2. Provide all necessary equipment, labor, and incidentals to Load, Transport, and Dispose of approximately 150 55-gallon drums of investigation derived waste, the unit cost of two hundred two Dollars and forty six Cents ($ 202.46)	150 ~~12~~ drums	$ 30,369.00
Bid Total – (Equal to the sum of Items 1 and 2)		$ 39,869.00

For Precision Industrial Maintenance, Inc.
(Corporation Name)

In New York
(State of Incorporation)

By Christopher J. Kagan
(Signature of Authorized Representative)

Business Address: 1710 Erie Boulevard
Schenectady, NY 12308

BID FORM
INVESTIGATION DERIVED WASTE DISPOSAL
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 2 of 2

Phone No.: (518) 346-5800 FAX No. (518) 346-6077

e-Mail address.: CKirgan@precisionindustrial.info

PRECISION
Industrial Maintenance, Inc

Site: Old Bethpage Industrial Area – Investigation Derived Waste

Customer: Malcolm Pirnie

Contact: Diane Bertok

Item 1 Assumption(s):

- The auger spoils from the investigative drilling are assumed to be from a homogeneous soil. One composite drum sample from the augur spoils and one from the purge water from each property in the investigation will be sufficient. If a sample from each drum generated is required, the price will be adjusted to reflect the change in scope.
- Pricing based on Malcolm Pirnie presenting soil to PIM for the additional analysis. If Precision Industrial Maintenance, Inc. is required to travel to the site to get the additional samples, it will be deemed a change order and additional charges will be applied.

Item 2 Assumption(s):

- The pricing per 55 gallon drum of auger spoils is based on the assumption that the soil was impacted with petroleum, has no flash, no metals, no PCB's, and no pesticides/herbicides. If the analysis of the sample from item 1 proves any of the assumptions to be wrong, the price per drum will be adjusted accordingly.
- The pricing is based on a minimum charge of 150 drums of waste. If fewer drums are generated, we may be able to negotiate on the price.
- Pricing based on a non-prevailing wage scenario. If prevailing wage is required, pricing will be adjusted accordingly.

BID FORM
INVESTIGATION DERIVED WASTE DISPOSAL
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
(*) ITEM 1. Obtain all necessary analytical testing for proper characterization of investigation derived waste, the lump sum price of Four Thousand Four Hundred Dollars and Zero ---------- Cents ($ 4,400.00)	Lump sum	$ 4,400.00
ITEM 2. Provide all necessary equipment, labor, and incidentals to Load, Transport, and Dispose of approximately 150 55-gallon drums of investigation derived waste, the unit cost of One Hundred Thirty-Three Dollars and Seventeen Cents ($ 133.17)	150 drums 12 drums	$ 19,975.00
Bid Total – (Equal to the sum of Items 1 and 2)		$ 24,375.00

(*) ITEM 1 MAY NOT BE REQUIRED.

For TIER Environmental Services, LLC
(Corporation Name)

In Delaware
(State of Incorporation)

By Jean C. Massaro
(Signature of Authorized Representative)

Business Address: 5745 Lincoln Highway
Gap, PA. 17527

BID FORM
INVESTIGATION DERIVED WASTE DISPOSAL
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 2 of 2

Phone No.: (717) 442-4400 FAX No. (717) 442-6336

e-Mail address.: www.tierde.com

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For TIER Environmental Services, LLC
(Corporation Name)

In Delaware
(State of Incorporation)

By Peter A. Massaro
(Signature of Authorized Representative)

Business Address: 5745 Lincoln Highway

Gap, PA. 17527

Phone No.: (717) 442-4400 FAX No. (717) 442-6336

e-Mail address.: www.tierde.com

TIER

TARGET, INVESTIGATE, EVALUATE, REMEDIATE

5745 LINCOLN HIGHWAY
GAP, PA 17527-9635
Phone: 717-442-4400
Fax: 717-442-6336

June 11, 2007

Mr. Andrew Vitolins
Malcolm Pirnie, Inc.
43 British American Boulevard
Latham, New York 12110

RE: Request for Proposal
Old Bethpage Industrial Area Site located in the
Towns of Oyster Bay and Huntington, New York

Dear Mr. Vitolins:

TIER is pleased to provide you with this Request For Proposal to perform the work for loading, transport, and disposal of IDW at the Old Bethpage Industrial Area site located in the Towns of Oyster Bay and Huntington, New York, as outlined in the Scope of Work.

Sampling and testing to characterize the drums will only be performed, if necessary.

TIER will devote its best efforts to execute the work required by this contract and will perform the work within two weeks of project award.

We appreciate the opportunity to provide this Request For Proposal. If you have any questions or comments, please contact us at your earliest convenience.

Sincerely,

TIER Environmental Services, LLC

Lawrence F. Caldwell

LFC/lsf
Attachments

ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID JH TIERD-1 | DATE (MM/DD/YYYY) 12/29/06

PRODUCER

The Addis Group, Inc.
2500 Renaissance Blvd. Ste 100
King of Prussia PA 19406-2772
Phone: 610-279-8550 Fax: 610-279-8543

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

INSURED

TIER Holdings, LLC
5745 Lincoln Highway
Gap PA 17527

INSURERS AFFORDING COVERAGE		NAIC #
INSURER A:	Steadfast Insurance Co.	26387
INSURER B:	State Worker's Insurance Fund	
INSURER C:	Zurich American Insurance Co.	16535
INSURER D:		
INSURER E:		

COVERAGES

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

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A		GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY PRO-JECT LOC	GPL 9216068-01	01/01/07	01/01/08	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$1,000,000 $100,000 $5,000 $1,000,000 $1,000,000 $1,000,000
C		AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS	BAP 9047891-01	01/01/07	01/01/08	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$1,000,000 $ $ $
		GARAGE LIABILITY ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
A		EXCESS/UMBRELLA LIABILITY X OCCUR CLAIMS MADE DEDUCTIBLE X RETENTION $10,000	SEO 9216069-01	01/01/07	01/01/08	EACH OCCURRENCE AGGREGATE	$5,000,000 $5,000,000 $ $ $
B		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	05024483	01/13/07	01/13/08	X WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $1,000,000 $1,000,000 $1,000,000
A		OTHER Professional Liab. Pollution Liab.	GPL 9216068-01 GPL 9216068-01	01/01/07 01/01/07	01/01/08 01/01/08	Claim/Agg Claim/Agg	$1,000,000 $1,000,000

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

EVIDENCE OF COVERAGE

CERTIFICATE HOLDER

EVIDEN-

Evidence Only

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

WORKSHEET FOR EQUIPMENT COSTS - 2.11(f) UNIT RATE CONTRACTORS (ROTARY DRILLING)
OLD BETHPAGE

DESCRIPTION (AZTECH)	UNIT	UNIT COST	UNITS	TOTAL
SAMPLING AND WELL INSTALLATION				
Install 30 borings, using 6-inch (nominal) rotary drilling to 55 feet bgs.	LF	$60.00	1650	$99,000
Split-spoon sampling	LF	$3.00	1650	$4,950
Install 2-in. PVC 0.010-slot screen (10-ft section)	LF	$4.24	300	$1,272
Install 2-in PVC riser	LF	$29.70	1200	$35,640
Well screen backfill material	LF	$4.90	300	$1,470
Bentonite seal	LF	$12.84	60	$770
Grout backfill	LF	$7.75	1140	$8,835
Flush-mount completion (8-in. I.D.)	EA	$97.15	30	$2,915
Well development	HR	$60.00	10	$600
Mobilization/ demobilization	LS	$8,325.00	1	$8,325
Per Diem	DAY	$200.00	30	$6,000
MISCELLANEOUS				
Construct decon pad	LS	$420.00	1	$420
Personal Protective Equipment (Level D)	DAY	$0.00	40	$0
55-gallon UN-approved drums	EA	$48.50	120	$5,820
Drum handling	HR	$55.00	4	$220
Steam Cleaner	DAY	$95.00	30	$2,850
Water Tanker	DAY	$650.00	30	$19,500
Decon Equipment	HR	$110.00	30	$3,300

ESTIMATED COST:	$201,887
MARKUP	5%
TOTAL ESTIMATED COST	**$211,981**

DESCRIPTION (BUFFALO DRILLING)	UNIT	UNIT COST	UNITS	TOTAL
SAMPLING AND WELL INSTALLATION				
Install 30 borings, using 6-inch (nominal) rotary drilling to 55 feet bgs.	LF	$25.00	1650	$41,250
Split-spoon sampling	LF	$10.00	1650	$16,500
Install 2-in. PVC 0.010-slot screen (10-ft section)	LF	$12.00	300	$3,600
Install 2-in PVC riser	LF	$10.00	1200	$12,000
Well screen backfill material	LF	$8.00	300	$2,400
Bentonite seal	LF	$15.00	60	$900
Grout backfill	LF	$6.00	1140	$6,840
Flush-mount completion (8-in. I.D.)	EA	$150.00	30	$4,500
Well development	HR	$125.00	10	$1,250
Mobilization/ demobilization	LS	$25,000.00	1	$25,000
Per Diem	DAY	$250.00	30	$7,500
MISCELLANEOUS				
Construct decon pad	LS	$250.00	1	$250
Personal Protective Equipment (Level D)	DAY	$5.00	40	$200
55-gallon UN-approved drums	EA	$65.00	120	$7,800
Drum handling	HR	$125.00	4	$500
Steam Cleaner	DAY	$100.00	30	$3,000
Water Tanker	DAY	$50.00	30	$1,500
Decon Equipment	HR	$125.00	30	$3,750

ESTIMATED COST:	$138,740
MARKUP	5%
TOTAL ESTIMATED COST	**$145,677**

DESCRIPTION (NOTHNAGLE)	UNIT	UNIT COST	UNITS	TOTAL
SAMPLING AND WELL INSTALLATION				
Install 30 borings, using 6-inch (nominal) rotary drilling to 55 feet bgs.	LF	$23.00	1650	$37,950
Split-spoon sampling	LF	$8.00	1650	$13,200
Install 2-in. PVC 0.010-slot screen (10-ft section)	LF	$14.00	300	$4,200
Install 2-in PVC riser	LF	$8.00	1200	$9,600
Well screen backfill material	LF	$7.50	300	$2,250
Bentonite seal	LF	$22.00	60	$1,320
Grout backfill	LF	$7.00	1140	$7,980
Flush-mount completion (8-in. I.D.)	EA	$150.00	30	$4,500
Well development	HR	$130.00	10	$1,300
Mobilization/ demobilization	LS	$40,000.00	1	$40,000
Per Diem	DAY	$250.00	40	$10,000
MISCELLANEOUS				
Construct decon pad	LS	$250.00	1	$250
Personal Protective Equipment (Level D)	DAY	$8.00	40	$320
55-gallon UN-approved drums	EA	$30.00	120	$3,600
Drum handling	HR	$25.00	4	$100
Steam Cleaner	DAY	$50.00	30	$1,500
Water Tanker	DAY	$75.00	30	$2,250
Decon Equipment	HR	$130.00	30	$3,900

ESTIMATED COST:	$144,220
MARKUP	5%
TOTAL ESTIMATED COST	**$151,431**

DESCRIPTION (AMERICAN AUGER)	UNIT	UNIT COST	UNITS	TOTAL
SAMPLING AND WELL INSTALLATION				
Install 30 borings, using 6-inch (nominal) rotary drilling to 55 feet bgs.	LF	$24.00	1650	$39,600
Split-spoon sampling	LF	$10.00	1650	$16,500
Install 2-in. PVC 0.010-slot screen (10-ft section)	LF	$5.00	300	$1,500
Install 2-in PVC riser	LF	$3.00	1200	$3,600
Well screen backfill material	LF	$8.00	300	$2,400
Bentonite seal	LF	$15.00	60	$900
Grout backfill	LF	$4.00	1140	$4,560
Flush-mount completion (8-in. I.D.)	EA	$225.00	30	$6,750
Well development	HR	$100.00	10	$1,000
Mobilization/ demobilization	LS	$11,700.00	1	$11,700
Per Diem	DAY	$570.00	27	$15,390
MISCELLANEOUS				
Construct decon pad	LS	$300.00	1	$300
Personal Protective Equipment (Level D)	DAY	$10.00	40	$400
55-gallon UN-approved drums	EA	$40.00	120	$4,800
Drum handling	HR	$125.00	4	$500
Steam Cleaner	DAY	$50.00	30	$1,500
Water Tanker	DAY	$100.00	30	$3,000
Decon Equipment	HR	$125.00	30	$3,750

ESTIMATED COST:	$118,150
MARKUP	5%
TOTAL ESTIMATED COST	**$124,058**

New York State
Department of Environmental Conservation
Division of Environmental Remediation

Subcontract Certification

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 includes 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 does include a statement of compliance with all licenses, certifications and permits, if applicable. (Note: This can be determined at: http://www.wadsworth.org/labservices.htm).

2. The Contractor has determined the costs are reasonableness. 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, the COI certification must be submitted to the project manager upon activation.)

4. For subcontracts in excess (or anticipated to be) of $10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of $10,000 the subconsultant 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/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 when 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) is included as appropriate.)

9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

Signature of Contractor's Authorized Representative — Date

MALCOLM PIRNIE, INC. — D004439-8

Contractor Name — Contract No. WA No.

American Anger

Subcontractor Name — 2/7/07

MALCOLM PIRNIE

Malcolm Pirnie, Inc.
43 British American Boulevard
Latham, NY 12110
T: (518) 782-2100
F: (518) 782-0500
www.pirnie.com

FAX COVER SHEET

From: ~~TO:~~ JUDY BAYE

OF: AMERICAN AUGER

FAX NO.: 315-623-7109

RE: DES STANDBY - OLD BETHPAGE

To: ~~FROM:~~ STEFAN BAGNATO

DATE: 6/7/07

TIME: 1000

TOTAL PAGES: ~~12~~ 3

PROJECT NO.: 0266359

RETURN ORIGINALS TO SENDER? ☐ YES ☐ NO

MESSAGE:

JUDY - ATTACHED SCOPE FOR YOUR CONSIDERATION.

- THANKS

- STEFAN

BID FORM
ROTARY DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 1 of 1

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. Mobilization and demobilization, the lump sum price of Eleven thousand Seven hundred Dollars and Zero Cents ($ 11,700.)	Lump sum	$ 11,700.
ITEM 2. Per diem rate for (3 man) drilling crew, the daily unit rate of Five hundred seventy Dollars and Zero Cents ($ 570.)	27 Days	$ 15,390.
Non-Contract Rate Bid Total – (Equal to the sum of Items 1 and 2)		$ 27,090.

For AMERICAN AUGER + DITCHING Co. Inc.
(Corporation Name)

In New York
(State of Incorporation)

By Judy Baye, Pres.
(Signature of Authorized Representative)

Business Address: 453 Rt. 23
Constantia, NY 13044

Phone No.: 315 623 7496 FAX No. 315 623 7189

e-Mail address: jbaye57@aol.com

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For American Auger & Ditching Co. Inc.
(Corporation Name)

In NY
(State of Incorporation)

By Judy Baye, Pres.
(Signature of Authorized Representative)

Business Address: 453 Rt 23
Constantia, NY 13044

Phone No.: 315 623 7496 FAX No. 315 6237189

e-Mail address.:

BID FORM
ROTARY DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 1 of 1

DESCRIPTION	ESTIMATED QUANTITIES		COMPUTED TOTALS
ITEM 1. Mobilization and demobilization, the lump sum price of Eight thousand three hundred twenty five Dollars and ——— Cents ($ 8,325.00)	1	Lump sum	$ 8,325.00
ITEM 2. Per diem rate for drilling crew, the daily unit rate of Two hundred Dollars and ——— Cents ($ 200.00)	30	Days	$ 6000.00
Non-Contract Rate Bid Total – (Equal to the sum of Items 1 and 2)			$ 14,325.00

Estimate of days : Mob Demob based upon a conservative Estimate of 1 well per day, six week project with a trip down and Back each week.

For Aztech Technologies Inc
(Corporation Name)

In New York
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: 5 McCrea Hill Road
Ballston Spa, NY 12020

Phone No.: (518) 885-5383 FAX No. (518) 885-5385

e-Mail address.: mdiarcangelo@aztechtech.com

FAX TRANSMISSION

BARRON & ASSOCIATES, P.C. &
BUFFALO DRILLING COMPANY, INC.

10440 MAIN STREET
CLARENCE, N.Y. 14031
(716) 759-7821
FAX (716) 759-7823

Date 6/11/07

Number of pages including cover page 3

To: Andrea Vitolins

From: Paul Barron

Fax Phone

Re:

REMARKS:

☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please comment

As requested.

1-578-782-0500

BID FORM
ROTARY DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 1 of 1

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. Mobilization and demobilization, the lump sum price of Twenty five thousand Dollars and zero Cents ($ 25,000.-)	Lump sum	$ 25,000.-
ITEM 2. Per diem rate for drilling crew, the daily unit rate of Two hundred + fifty Dollars and zero Cents ($ 250.-)	30 Days	$ 7500.-
Non-Contract Rate Bid Total – (Equal to the sum of Items 1 and 2)		$ 32,500.-

For Buffalo Drilling Co Inc
(Corporation Name)

In New York
(State of Incorporation)

By Paul W Barron
(Signature of Authorized Representative)

Business Address: 1440 Main Street
Clarence N.Y. 14031

Phone No.: (716) 759-7821 X101 FAX No. (716) 759-7823

e-Mail address.: P.Barron@Buffalowell.com

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK
PAGE 1 of 1

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For Buffalo Drilling Co Inc.
(Corporation Name)

In New York State
(State of Incorporation)

By Paul Barron
(Signature of Authorized Representative)

Business Address: 1040 Main St.
Clarence NY 14031

Phone No.: (716) 759-7821 x101 FAX No. (716) 759-7823

e-Mail address.: P.Barron@BuffaloWell.com

1821 Scottsville-Mumford Road
Scottsville, New York 14546
Phone: (585) 538-2328
FAX: (585) 538-2357

NOTHNAGLE
DRILLING INC.

Fax

To:	Malcolm Pirnie, Inc.	**From:**	Tim Nothnagle
Attn:	Mr. Stefan Bagnato	**Pages:**	3
Fax:	(518) 782-0500	**Date:**	6/8/2007
Re:	Old Bethpage Industrial Site	**CC:**	

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

• **Comments:**

BID FORM
ROTARY DRILLING SERVICES
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 1 of 1

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. Mobilization and demobilization, the lump sum price of Forty Thousand Dollars and Zero Cents ($ 40,000.00)	Lump sum	$ 40,000.00
ITEM 2. Per diem rate for drilling crew, the daily unit rate of Two Hundred Fifty Dollars and Zero Cents ($ 250.00)	40 Days	$ 10,000.00
Non-Contract Rate Bid Total – (Equal to the sum of Items 1 and 2)		$ 50,000.00

For Nothnagle Drilling, Inc.
(Corporation Name)

In New York
(State of Incorporation)

By Timothy M Nothnagle Pres.
(Signature of Authorized Representative)

Business Address: 1821 Scottsville-Mumford Road
Scottsville, NY 14546

Phone No.: (585) 538-2328 FAX No. (585) 538-2357

e-Mail address.: tmn@nothnagledrilling.com

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK
PAGE 1 of 1

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For Nothnagle Drilling, Inc.
(Corporation Name)

In New York
(State of Incorporation)

By _____ Pres.
(Signature of Authorized Representative)

Business Address: 1821 Scottsville-Mumford Road
Scottsville, NY 14546

Phone No.: (585) 538-2328 FAX No. (585) 538-2357

e-Mail address.: tmn@nothnagledrilling.com

QUOTE REQUEST FOR SURVEY SERVICES

Location: **NYSDEC**
Old Bethpage Industrial Area
Oyster Bay and Huntington, New York

Drilling Companys: **Mega, Munoz, Popli, Terry Bergendorff Collins, & YEC**

Item	Estimated Quantity	Unit	Mega	Munoz	Popli	Terry Bergendorff Collins	YEC
Mobilization 1	1	Lump Sum	$33,692	$74,849	$51,600	$30,100	$13,100
Mobilization 2	1	Lump Sum	$13,808	$10,662	$11,400	$5,525	$14,700
TOTAL COST:			$47,500	$85,511	$63,000	$35,625	$27,800

Mobilization 1 includes conducting a preliminary site survey and generating an initial base map.
Mobilization 2 includes locating environmental sample locations and generating a revised site map.

New York State
Department of Environmental Conservation
Division of Environmental Remediation

Subcontract Certification

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 includes 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 does include a statement of compliance with all licenses, certifications and permits, if applicable. (Note: This can be determined at: http://www.wadsworth.org/labservices.htm).

2. The Contractor has determined the costs are reasonableness. 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, the COI certification must be submitted to the project manager upon activation.)

4. For subcontracts in excess (or anticipated to be) of $10,000 the subcontractor submitted an acceptable New York State Uniform Contracting Questionnaire. For subconsultants in excess (or anticipated to be) of $10,000 the subconsultant 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/gbul/g221.htm.)

5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises/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 when 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) is included as appropriate.)

9. Documentation supporting this certification is maintained and will be provided within 10 days of any request.

Signature of Contractor's Authorized Representative — Date

MALCOLM PIRNIE, INC. — D004439-8

Contractor Name — Contract No. WA No.

YEC Inc.

Subcontractor Name — 2/7/07

MEGA
engineering, inc

June 11, 2007

Ms. Diane Bertok
Project Geologist
Malcolm Pirnie, Inc.
43 British American Boulevard
Latham, New York 12110

RE: Site Survey of Old Bethpage Industrial Area (#1-30-171)
Oyster Bay, Nassau County, NY & Huntington, Suffolk County, NY
Mega Job No. 07-142

Dear Ms. Bertok:

On behalf of MEGA Engineering, Inc., I would like to thank you for giving us this opportunity. As per your request, the following is MEGA's proposal for the above referenced site:

The Sampling locations and Site horizontal datum will be surveyed in New York State Plane Coordinate System NAD of 1983 (1996 Adjustment) – NAD 83(96) and the vertical will be NAVD of 1988 in U.S. Survey feet.

Bid Item No. 1

All materials, equipment, labor, and incidentals required for preliminary site survey and generating Initial base map (Mobilization 1), the lump sum price of Thirty Three Thousand Six Hundred Ninety Two Dollars & 00/100 Cents

Lump Sum = $33,692.00

Bid Item No. 2

All materials, equipment, labor, and incidentals required for locating environmental sampling locations and generating revised site map (Mobilization 2), the lump sum price of Thirteen Thousand Eight Hundred Eight Dollars & 00/100 Cents

Lump Sum = $13,808.00

Total Bid – (Sum of Items 1 and 2) = $47,500.00

Proposal Information

1) Cost Estimate Sheet – Bid Form and Certification attached.
2) Availability of the firm to start the project -- MEGA can start as soon as we received the Notice to Proceed.
3) Statement of Qualifications – Firm's Survey Experience attached.
4) Statement of Compliance with all applicable Licenses, Certifications and permits. – Will be furnished when awarded the Contract.

139 Main Street, 1st Floor • Hackensack, NJ 07601 • 201 343-5059 Ph • 201 343-4992 Fx • Email: megaeng@earthlink.net •

Ms. Diane Bertok
June 11, 2007

- Boundary Survey
- Malcolm and Pirnie is responsible for access to locked areas. Extra time will be charged for late or for missed times.

- Utilities that are abandoned or have no surface features.
- Access to areas covered by debris, excessive vegetation, standing water, or equipment.

handling and shipping charges will be applied.

If you have any questions, please feel free to call us anytime at 201 343 3939.

MEGA Engineering, Inc.

Estÿ Pascual Parlanti
President

BID FORM
SITE SURVEY
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. All materials, equipment, labor, and incidentals required for preliminary site survey and generating initial base map (Mobilization 1), the lump sum price of Thirty Three Thousand Six Hundred Ninety Two Dollars and 00/100 Cents ($ 33,692.00)	Lump sum	$ 33,692.00
ITEM 2. All materials, equipment, labor, and incidentals required for locating environmental sampling locations and generating revised site map (Mobilization 2), the lump sum price of Thirteen Thousand Eight Hundred Eight Dollars and 00/100 Cents ($ 13,808.00)	Lump sum	$ 13,808.00
Total Bid – (Equal to the sum of Items 1and 2)		$ 47,500.00

BID FORM

OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 2 of 2

For MEGA Engineering, Inc.
(Corporation Name)

(State of Incorporation)

(Signature of Authorized Representative)

Business Address: 139 Main Street

Phone # 201-343-5059 Fax # 201-343-4992

e-Mail address.: megaeng@earthlink.net

CONFLICT OF INTEREST CERTIFICATION

HUNTINGTON, SUFFOLK COUNTY, NEW YORK

To the best of the Department of Environmental Conservation's knowledge, the potential responsible

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the organizational or personal conflict of interest with the potential responsible parties listed above.

I acknowledge that the subcontractor has no conflict of interest.

For MEGA Engineering, Inc.
(Corporation Name)

(State of Incorporation)

(Signature of Authorized Representative)

Business Address: 139 Main Street

Phone No.: 201-343-5059 FAX No.: 201-343-4992

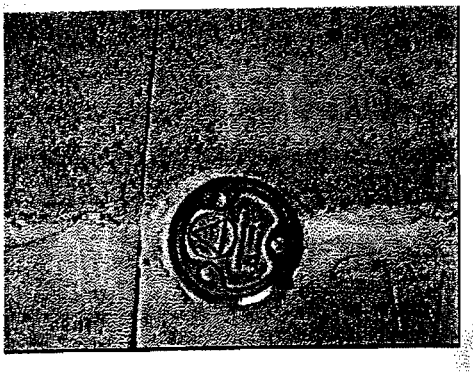
e-Mail address.: megaeng@earthlink.net

SURVEY EXPERIENCE

Topographic & Boring Location Survey

Mega Engineering, Inc. has performed surveying services and boring locations at various sites in New York and New Jersey for the following clients:

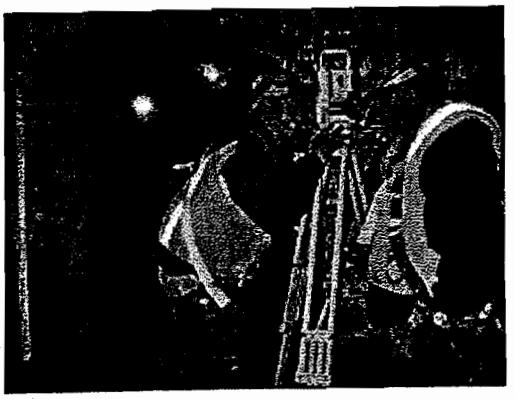
- *CDM*
- *Hazen & Sawyer, P.C.*
- *Jersey Boring & Drilling*
- *Louis Berger Group*
- *Malcolm Pirnie, Inc.*
- *Metcalf & Eddy, Inc.*
- *Mueser Rutledge*
- *Parsons Brinckerhoff*
- *Warren George, Inc.*



SURVEY EXPERIENCE

SURVEY EXPERIENCE

New Croton Aqueduct Rehabilitation and Inspection CRO-333 In-Tunnel and Surface Sites Various locations in NYC and Westchester



Owner's Name & Address:
NYCDEP

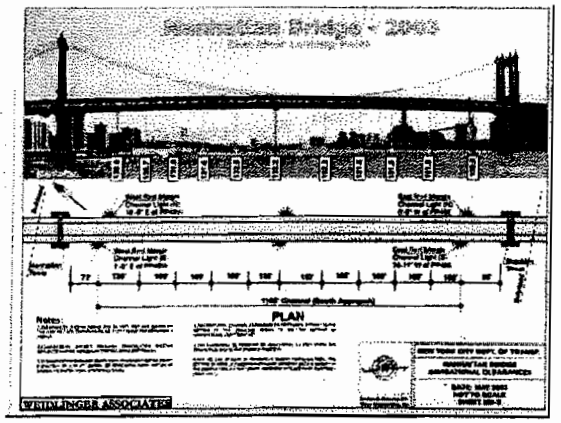
Consultant's Contact Information:
A.F.C. Enterprises
Ronald Lifson
Tel (718) 275-1100 xtn 132
Fax (718) 275-4602

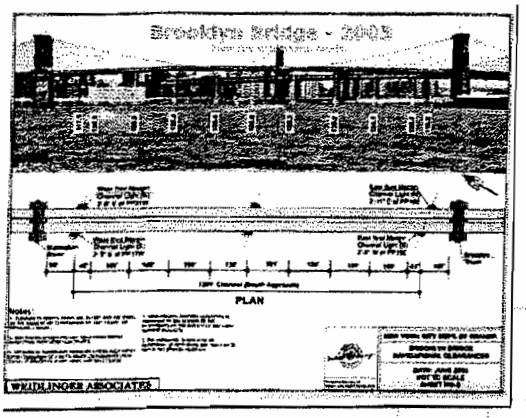
Mega Engineering, Inc. performed Project Control, Boundary Survey, Topographical Survey, In-Tunnel Survey and Setting-out/Verification Survey for Ground Investigation. This project stretched for 31 miles. The In-Tunnel survey established tunnel positioning along the Aqueduct. Boundary Survey included recovering all evidence relating to the property boundary using the Global Positioning System (GPS).

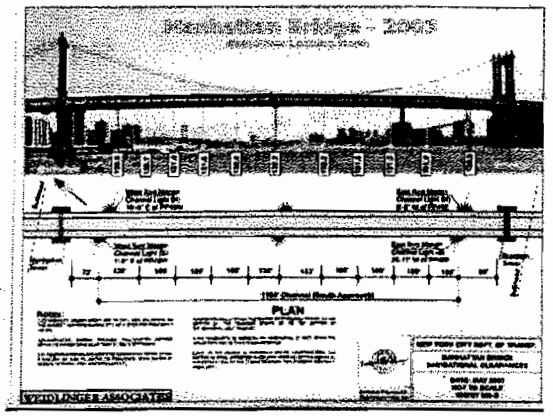
Tasks included the following: Base Mapping, Azimuth determination, vertical contours, topographical survey of existing ground conditions, Location of overhead utilities shown in accordance with existing records or as located by surface features or markings. Location of underground utilities shown in accordance with existing records or as located by surface features or markings.

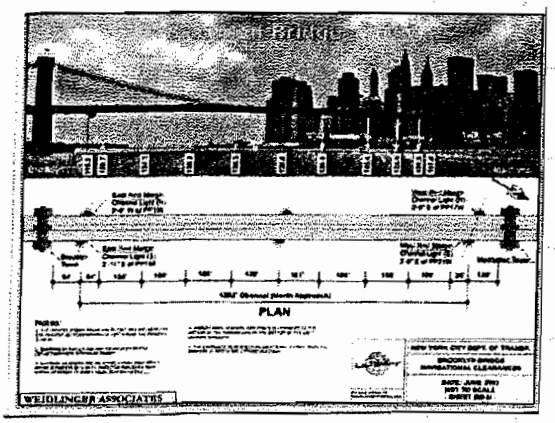
SURVEY EXPERIENCE

Navigational Clearance Surveys For the East River Bridges (Brooklyn, Manhattan, Queensboro & Williamsburg)









Owner's Name & Address:
NYC Department of Transportation Bureau of Bridges
2 Rector St., New York, NY 10048

Consultant's Contact Information:
Weidlinger Associates
George Pappas (212) 367-2854

Conducted Aerial Photogrammetry, GPS Set Tide Gauges at the Williamsburg & Queensboro bridges, established vertical control at tide gauges and located physical features that may affect horizontal clearances of the navigational channel.

Located Navigational lights. Located traveler beam/rail, etc., Monitored tide gauge and abstract tidal data, Processed tidal data utilizing the current "tidal epoch" at the battery.

Prepared plan and elevation drawings, Prepared survey report including tabulations and comparisons.

SURVEY EXPERIENCE

Design for the Rehabilitation of the Bleecker Street Station – Bleecker Street (IRT) and Broadway – Lafayette Street (IND) Stations

The Bleecker Street Station Rehabilitation and ADA Key Station projects incorporated the rehabilitation of the station with a unified architectural finish to meet NYCT Station Design guidelines. The project included the installation of three (3) ADA elevators in addition to the two proposed in the Connection project to make both ADA key stations. The Broadway-Lafayette Street Station Connection Project will provide free transfer between the IRT uptown and IND lines.

MEGA's services included the following: Topographic Site Survey – Street level, mezzanines, platform and track levels, cross-sections, boundary survey & utilities. Research and document review; mobilization, field reconnaissance, design of traverse system (baseline and bench marks) at various levels; field survey and location of planimetric features; local traverse systems; metes and bounds survey, for the land parcels for construction of the street access ADA elevation.

Owner's Name & Address:
NYC Transit Authority
2 Broadway, New York, N.Y.

Consultant's Contact Information:
L.H. Pomeroy Architects
462 Broadway, New York, N.Y.
Mr. James Wright, AIA
(212) 334-2600
Mr. Steve Carlin, AIA
(212) 334-2600

SURVEY EXPERIENCE

1. Brooklyn Bridge Park, Brooklyn Brooklyn, NY
Planimetric information to facilitate design of an urban park. Topographic survey and Topographic CAD; Aerial Mapping; Color Orthophotography.

Owner's Name & Address:
Empire State Development Corp.
633 Third Ave.
New York, NY 10017
Consultant's Contact Information:
DMJM+Harris
Mr. Christopher Bath (212) 973-3161

2. 26th Ward WPCP Brooklyn, NY
Aerial Photogrammetry, Horizontal and Vertical Control Network, Topographical Base Mapping, Boundary, Topographic and Utilities Surveys, Boring Location, Air Tracks Location, Seismic, Bathymetric, & CADD Drafting.

Owner's Name & Address:
NYCDEP
Consultant's Contact Information:
Hazen and Sawyer
Harry Kohlmann, PE (212) 539-7175

3. Jamaica Tributaries Meadowmere, Jamaica
Topographic & Utilities Survey Base Mapping, R.O.W., Cross Section

Owner's Name & Address:
NYCDEP
Consultant's Contact Information:
Hazen & Sawyer JV
(212) 984-7368

4. Islington Pond, Staten Island, NY
Topographical & Utilities Survey, CADD Drafting

Owner's Name & Address:
NYCDEP
Consultant's Contact Information:
Hazen & Sawyer

5. Mosholu Golf Course
Aerial Photogrammetry, Horizontal and Vertical Control Network, Topographical Base Mapping, Boundary Topographic and Utilities Surveys, Boring Location, Seismic, Bathymetric & CADD Drafting

Owner's Name & Address:
NYCDEP
Consultant's Contact Information:
Metcalf & Eddy
Harry Wackett (212) 984-7368

6. Paerdegat Basin
Bathymetric Survey, Topographic Survey

Owner's Name & Address:
NYCDEP
Consultant's Contact Information:
Hazen & Sawyer
Richard Daniels

7. New Jersey Performing Arts Center
Construction Layout Survey, CADD Drafting

Owner's Name & Address:
NJ Performing Arts
One Gateway Center, Newark, NJ 07102
Consultant's Contact Information:
Turner / Vollers
Scott Barker (908) 725-1026

*Other Projects Available Upon Request

BID FORM
SITE SURVEY
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. All materials, equipment, labor, and incidentals required for preliminary site survey and generating initial base map (Mobilization 1), the lump sum price of Seventy-Four Thousand, Eight Hundred, Forty-Eight Dollars and Sixty-Four Cents ($ 74,848.64)	Lump sum	$ 74,848.64
ITEM 2. All materials, equipment, labor, and incidentals required for locating environmental sampling locations and generating revised site map (Mobilization 2), the lump sum price of Ten Thousand, Six Hundred, Sixty-Two Dollars and Five Cents ($ 10,662.05)	Lump sum	$ 10,662.05
Total Bid – (Equal to the sum of Items 1 and 2)		$ 85,510.69

BID FORM
SITE SURVEY
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 2 of 2

For Muñoz Engineering & Land Surveying, P.C.
(Corporation Name)

In New York
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: 505 Eighth Avenue
New York, NY 10018

Phone No.: (212) 967-6588 FAX No. (212) 268-9464

e-Mail address.: mbelgelmacher@munozeng.com

BID FORM
SITE SURVEY
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. All materials, equipment, labor, and incidentals required for preliminary site survey and generating initial base map (Mobilization 1), the lump sum price of FIFTY ONE THOUSAND SIX HUNDRED Dollars and NO Cents ($ 51,600)	Lump sum	$ 51,600
ITEM 2. All materials, equipment, labor, and incidentals required for locating environmental sampling locations and generating revised site map (Mobilization 2), the lump sum price of ELEVEN THOUSAND FOUR HUNDRED Dollars and NO Cents ($ 11,400)	Lump sum	$ 11,400
Total Bid – (Equal to the sum of Items 1and 2)		$ 63,000

The Prices above are based on the following assumptions:
1) NYS DOL wage rates do not apply
2) Access to the site will not be impeded.
3) The site is a Level D site.
4) No property line or topograhic survey will be completed.
5) There are approximately 150 samples and wells to be surveyed on NYSP NAD83/96 with NAVD88 elevations.

BID FORM
SITE SURVEY
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 2 of 2

For OM P. POPLI, P.E., L.S., P.C.
(Corporation Name)

In New York
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: 555 Penbrooke Dr. Penfield, NY 14526

Phone No.: 585-388-2060 FAX No. 585-388-2070

e-Mail address.: mventuro@popligroup.com

Appendix B

Conflict of Interest Certification

Attachment 1

Conflict of Interest Certification

Attachment to Conflict of Interest Certification

Nearby Listed Inactive Hazardous Waste Sites - Not Part of Investigation

1. Old Bethpage Landfill (Site No. 1-30-001), Bethpage-Sweethollow Road, Town of Oyster Bay. Responsible Parties (from ROD): Cerro Conduit Company; Cerro Wire and Cable, Inc; Cerock Wire and Cable Group, Inc.; Grumman Corporation; Grumman Aerospace Corporation; Occidental Chemical Corp.; Occidental Petroleum Corp.; The Rockbestos Company; Town of Oyster Bay.

2. Claremont Polychemical Corporation (Site No. 1-30-015), 501 Winding Road, Town of Oyster Bay. Responsible Parties: Claremont Polychemical Corporation, Winding Road Estates, Winding Road Properties.

3. Nassau County Fire Training Center (Site No. 1-30-042), Winding Road, Town of Oyster Bay Responsible Party: Nassau County

Partial List of Properties in the Industrial Area

Current Occupant(s)	**Address**	**Town**
Advance Relocation Molloy Brothers Moving & Storage (Formerly Dynaforce)	195 Bethpage-Sweethollow Road	Oyster Bay
Central Transport (or Transit) International	192 Bethpage-Sweethollow Road	Oyster Bay
Kathy Van Zeeland (Formerly Display Products Inc)	185 Bethpage-Sweethollow Road	Oyster Bay
Skate Safe America (Formerly BTU Systems)	182 Bethpage-Sweethollow Road	Oyster Bay
National Maintenance	On Bethpage-Sweethollow Road adjacent to #185 to the west	Oyster Bay
New York Paving	On Bethpage-Sweethollow Road adjacent to National Maintenance to the west	Oyster Bay
Hitemco	160 Bethpage-Sweethollow Road	Oyster Bay
Trulite Louvre (formerly Filtron Corp)	148 Bethpage-Sweethollow Road	Oyster Bay
Global Pottery	On Winding Road directly south of New York Paving	Oyster Bay
Southampton Brick & Tile	303 Winding Road	Oyster Bay

Prima Vision (or Mason) Supply Alside Wholesale Building Products		
Mr. Bar-B-Que (Formerly Captree Chemical)	445 Winding Road	Oyster Bay
Seville Transit Mix Company(?)	459 Winding Road	Oyster Bay
Bethpage Stables/Riding Academy	On Winding Road directly south of #459	Oyster Bay
P&P Paper	311 Winding Road	Oyster Bay
New England Motor Freight (Formerly A-P-A Transit Co.)	Unknown - south of Bethpage-Sweethollow Road	Oyster Bay
Graphic Image, Inc.	305 Spagnoli Road	Huntington
Miss Chocolate	North side of Bethpage-Sweethollow Road or Spagnoli Road	Oyster Bay or Huntington
Unknown	290 Spagnoli Road	Huntington
Malhame Regina Press & Make Gift Collections	South side of Spagnoli Road	Huntington
Chyron, Bi-Lo Distributors	5 Hub Drive	Huntington
Lindenmeyr Munroe The Paper counter	West side of Hub Drive	Huntington
Keyspan	25 Hub Drive	Huntington
Marchon	35 Hub Drive	Huntington
Access Direct	270 Spagnoli Road	Huntington
Phoenix Gymnastics	North side of Bethpage-Sweethollow Road or Spagnoli Road	Oyster Bay or Huntington
NDR	260 Spagnoli Road	Huntington
Austin Travel	265 Spagnoli Road	Huntington
Future Tire Company	202 Bethpage-Sweethollow Road	Oyster Bay
Aljo Precision Products GEFA Instrument Corp. (Formerly Life Industries)	205 Bethpage-Sweethollow Road	Oyster Bay
Family Residences & Essential	191 Bethpage-Sweethollow Road	Oyster Bay

Enterprises Inc.		
Unknown (Formerly American Louvre)	301 Winding Road	Oyster Bay

- POPLI EXAMPLE -

CERTIFICATE OF INSURANCE

This certifies that x STATE FARM MUTUAL INSURANCE COMPANY
STATE FARM FIRE & CASUALTY INSURANCE COMPANY

Insures the following policyholder for the coverages indicated below:
Policyholder: Om P Popli PE LS PC
DBA Popli Consulting Engineers & Surveyors
Address of Policyholder: 555 Penbrooke Drive, Penfield, NY 14526

Project: Agreement 2700.DC07.01
Surveying, Spaulding Composites Site
NYS Dept. of Environmental
Conservation

Policy Number	Type of Insurance	Policy Period	Dual Limits-Bodily Injury: Each Occurrence: $1,000,000. Aggregate: $1,000,000.
043-4064-A31-52	06 Ford E250	01/31/05-01/31/07	Property Damage:
062-7501-E05-52A	03 Ford E250	05/05/06-05/05/07	Each Occurrence: $1,000,000.
L07-5136-C27-52B	03 Ford E250	03/27/06-03/27/07	Aggregate: $1,000,000.
083-1037-F31-52	05 Ford E250	12/31/05-12/31/06	

Employers Non-ownership Liability and Hired Automobile Coverage Included.
THE CERTIFICATE OF INSURANCE IS NOT A CONTRACT OF INSURANCE AND NEITHER AFFIRMATIVELY NOR NEGATIVELY AMENDS, EXTENDS OR ALTERS THE COVERAGE APPROVED BY ANY POLICY DESCRIBED HEREIN.

Name of Additional Insured: The State of New York, New York State Department of Environmental Conservation & Ecology and Environment Engineering P.C. State of New York, 368 Pleasant View Dr., Lancaster, NY 14066

Name & Address of Party To Whom Certificate is Issued:
Ecology and Environment Engineering, P.C.
368 Pleasant View Drive
Lancaster, NY 14086

Date: May 26, 2006

Title: Agent

PETE McGUIRK
AGENT
BLACK WATCH OFFICE PARK STE. W4
6605 PITTSFORD PALMYRA ROAD
FAIRPORT, NY 14450
OFF: (585) 223-4700

ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID CO: POPLI-0 | DATE (MM/DD/YY): 05/26/06

PRODUCER

ACEC/MARSH
701 Market St., Ste. 1100
St. Louis MO 63101
Phone: 800-338-1391 Fax: 888-621-3173

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

INSURED

Om P. Popli, P.E., L.S., P.C.
dba Popli Consulting Engineers
& Surveyors
555 Penbrooke Drive
Penfield NY 14526

INSURERS AFFORDING COVERAGE		NAIC #
INSURER A:	Hartford Insurance Company	22357
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		

POPLI EXAMPLE

COVERAGES

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

INSR LTR	ADDL INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A		GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT LOC	84SBWDQ0916	11/01/05	11/01/06	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 300,000 $ 10,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
		AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ $ $ $
		GARAGE LIABILITY ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
A		EXCESS/UMBRELLA LIABILITY X OCCUR CLAIMS MADE DEDUCTIBLE RETENTION $	84SBWDQ0916	11/01/05	11/01/06	EACH OCCURRENCE AGGREGATE	$ 4,000,000 $ 4,000,000 $ $ $
A		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	84WBGAW7739	11/01/05	11/01/06	X WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 100,000 $ 100,000 $ 500,000
		OTHER					

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

PROJECT: AGREEMENT 2700.DC07.01 SURVEYING, SPAULDING COMPOSITES SITE NYS DEPT OF ENVIRONMENTAL CONSERVATION.
ECOLOGY AND ENVIRONMENT ENGINEERING PC (EEEPC) IS INCLUDED AS ADDITIONAL INSURED ON ALL POLICIES EXCEPT W/C.

CERTIFICATE HOLDER

EEEPCC

ECOLOGY & ENVIRONMENT
ENGINEERING, P.C.
368 PLEASANT VIEW DRIVE
LANCASTER NY 14086

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE: Alice A. Petrizzo

ACORD. CERTIFICATE OF LIABILITY INSURANCE

OP ID TG
POPLI-1

DATE (MM/DD/YYYY)
06/01/06

PRODUCER

Gernold Agency, Inc.
5800 Big Tree Road
Orchard Park NY 14127-4104
Phone: 716-662-6666 Fax: 716-662-0118

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

INSURED

Om P. Popli, P.E., L.S., P.C.
DBA Popli Consulting Engineers
& Surveyors
555 Panbrooke Drive
Penfield NY 14526

INSURERS AFFORDING COVERAGE — NAIC #

INSURER A: Transportation Insurance Co

POPLI EXAMPLE

COVERAGES

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

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
	GENERAL LIABILITY COMMERCIAL GENERAL LIABILITY CLAIMS MADE / OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY / PROJECT / LOC				EACH OCCURRENCE $ DAMAGE TO RENTED PREMISES (Ea occurrence) $ MED EXP (Any one person) $ PERSONAL & ADV INJURY $ GENERAL AGGREGATE $ PRODUCTS - COMP/OP AGG $
	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) $ BODILY INJURY (Per person) $ BODILY INJURY (Per accident) $ PROPERTY DAMAGE (Per accident) $
	GARAGE LIABILITY ANY AUTO				AUTO ONLY - EA ACCIDENT $ OTHER THAN AUTO ONLY: AGG $
	EXCESS/UMBRELLA LIABILITY OCCUR / CLAIMS MADE DEDUCTIBLE RETENTION $				EACH OCCURRENCE $ AGGREGATE $
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				WC STATU-TORY LIMITS / OTH-ER E.L. EACH ACCIDENT $ E.L. DISEASE - EA EMPLOYEE $ E.L. DISEASE - POLICY LIMIT $
A	OTHER Professional Liab Architects & Engrs	PRA113749811	11/01/05	11/01/06	per claim $1000000 & aggreg $2000000

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

RE: Agreement 2699.ID12 Surveying, Steuben County NYS Dept. of Environental Conservation.
This insurance applies to all projects of the named insured and is not solely dedicated to the enlisted project.

CERTIFICATE HOLDER

ECOLO-1

Ecology and Environment
Engineering, P.C.
Attn: Gerald Strobel
368 Pleasant View Drive
Lancaster NY 14086

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
R Gernold

THE UNIVERSITY OF THE STATE OF NEW YORK
EDUCATION DEPARTMENT

THIS IS TO CERTIFY THAT HAVING MET THE REQUIREMENTS OF SECTION 7210 OF THE EDUCATION LAW AND IN ACCORDANCE THEREWITH THIS CERTIFICATE OF AUTHORIZATION IS GRANTED WHICH ENTITLES

OM P POPLI PE LS PC
555 PENBROOKE DRIVE
PENFIELD, NY 14625-2035

TO PROVIDE LAND SURVEYING SERVICES IN THE STATE OF NEW YORK FOR THE PERIOD 07/01/2005 TO 06/30/2008.

JOHANNA DUNCAN-POITIER
DEPUTY COMMISSIONER
OFFICE OF THE PROFESSIONS

CERTIFICATE NUMBER
0003448

RICHARD P. MILLS
PRESIDENT OF THE UNIVERSITY
AND COMMISSIONER OF EDUCATION

Empire State Development

August 25, 2005

File ID#: 3783

Mr. Om Popli
Om P. Popli PE
555 Pembrooke Drive
Penfield, NY 14526

Dear Mr. Popli:

On behalf of New York State Department of Economic Development, Division of Minority and Women's Business Development (DMWBD) has completed its **review of your verification form** for State Certification as **Minority-Owned Business Enterprise** and has determined that your firm continues to meet eligibility requirements for certification, pursuant to Executive Law, Article 15-A.

We are pleased to inform you that the firm of **OM P. POPLI PE** will **continue to be granted status as a Minority-Owned Business Enterprise.** Your business will continue to be listed in the State's Directory of Certified Businesses. Certification status is not intended to imply that the State of New York guarantees your company's capability to perform on state contracts, nor does it imply that your company is guaranteed any State business.

Be advised that your certification **expires 2 years from the date of this letter** or unless you are contacted by this office for **Verification** or **Recertification**. Please remember that any changes in your company that affect ownership, managerial and/or operational control, must be reported to this Office within thirty (30) days of such changes; including changes to company name, business address, telephone numbers, principal products/services, and bonding capacity. At such time as it is necessary for your company to be recertified, you will be notified by this office.

If your certification is questioned by any public or private entity, please direct the inquiry to this Office for clarification.

Thank you for your cooperation. On behalf of the State of New York, I wish you luck in your business endeavors, particularly those involving State agencies.

Sincerely,

Jorge L. Vidró
Director

Cc: Fran Genovesi
Joyce Cross

RECEIVED
OM P. POPLI, P.E., P.C.
SEP 16 2005

New York State Department of Economic Development
Web Site: www.empire.state.ny.us

U.S. SMALL BUSINESS ADMINISTRATION
WASHINGTON, D.C. 20416

August 17, 2006

Mr. Om P. Popli
President
Om P. Popli, P.E., L.S., P.C.
555 Pembrooke Drive
Penfield, New York 14526-2035

Expiration Date – (Three years from date above)
SDB Tracking – WA00001-0005597
Dear Mr. Popli:

We are pleased to inform you that your firm is certified as a Small Disadvantaged business (SDB) under U.S. Small Business Administration (SBA) guidelines. You are now eligible to participate in the SDB Program. Certification is valid for three years from the date of this letter. Your firm will be added to SBA's list of certified SDBs found in the Dynamic Small Business Search (DSBS) directory, SBA's on-line registry, at http://www.ccr.gov.

The SDB Program regulations in Title 13 of the Code of Federal Regulations, Section 124.1016(b), require that during your three-year term you report within 10 days any changes in ownership and control or any other circumstances which could adversely affect the eligibility of your firm as an SDB. Failure to do this could result in the decertification of your firm. Please note also that in order for your firm to continue to participate as an SDB after its three-year term, you must reapply for the SDB Program.

I wish you much success in your future business endeavors.

Sincerely,

Mariana A. Pardo
Assistant Administrator
Office of Certification &Eligibility

▪ TERRY BERGENDORFF COLLINS ▪

Professional Land Surveyor
N.Y.S. Lic. No. 49691
52 Starr Ridge Road ▪ Brewster, New York 10509

Telephone: (845) 279-4261 Fax: (845) 279-6838

Successor to Robert H. Bergendorff, James C. Edgett, William Alexander
E-Mail: tbcpls@aol.com

FAX TRANSMITTAL

To:	**Andrew Vitolins**	**Company: Malcom Pirnie, Inc.**
From:	**Terry Collins**	**Fax No.: (518) 782-0500**
RE:	**Bethpage Industrial Area**	**Phone No.: (518) 782-2139**
Date:	**June 11, 2007**	**4 Page(s), Including Cover**

If transmission is incomplete, please call (845) 279-4261.

Hard copy to follow by regular mail.

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK
PAGE 1 of 1

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For Terry Bergendorff Collins
(Sole Proprietorship)

In _____
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: 52 Starr Ridge Road
Brewster, New York 10509

Phone No.: (845) 279-4261 Fax No.: (845) 279-6838

e-Mail address: tbcpls@aol.com

BID FORM
SITE SURVEY
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 1 of 2

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. All materials, equipment, labor, incidentals required for preliminary site survey and generating initial base map (Mobilization 1), the lump sum price of Thirty Thousand One Hundred Dollars and zero Cents ($ 30,100.00)	Lump sum	$30,100.00
ITEM 1. All materials, equipment, labor, incidentals required for locating environmental sampling locations and generating revised site map (Mobilization 1), the lump sum price of Five Thousand Five Hundred Twenty Five Dollars and zero Cents ($ 5,525.00)	Lump sum	$5,525.00
Total Bid - (Equal to the sum of Items 1 and 2)		$35,635.00

BID FORM
SITE SURVEY
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 2 of 2

For Terry Bergendorff Collins
(Sole Proprietorship)

In _____
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: 52 Starr Ridge Road
Brewster, New York 10509

Phone No.: (845) 279-4261 Fax No.: (845) 279-6838

e-Mail address: tbcpls@aol.com

YEC, INC./YEC ENGINEERING, P.C.
Clarkstown Executive Park
612 Corporate Way, Suite 4M
Valley Cottage, NY 10989
Tel: (845) 268-3203 Fax: (845) 268-5313

June 11, 2007

Malcolm Pirnie, Inc.
43 British American Boulevard
Latham, New York, 12110
Attn: Andrew Vitolins

RE: Old Bethpage Industrial Area Bid for Survey

Dear Mr. Vitolins:

YEC is an environmental engineering MBE firm established in 1985.

YEC specializes in industrial/hazardous waste site assessments, Phase I/II Investigations, UST investigations, Water/Wastewater engineering, environmental audits, computer data base management, construction inspection/PRP oversight, land survey and CADD/GIS mapping. To date, the firm has completed a contract amount of over $15 million for environmental projects included over 200 site surveys.

YEC has all licenses, certifications, and permits required for this task, including licensed surveyors and 40 hour OSHA training for all field personnel.

YEC has no anticipated conflicts to performing this survey. We plan to use existing digital ortho photos to create base map and thus have no seasonal conflicts as well. Sample points will be surveyed as per the bid documents. The base map will be prepared to National Map Accuracy Standards for 1"=100'.

A cost estimate and a signed bid estimate to perform this task is included in Appendix A.

A signed conflict of interest certification is included in Appendix B.

Please feel free to call me at 845-268-3203 or email me at edchen.yec@verizon.net if you need anything further.

Sincerely,

Y.S. Ed Chen, Ph.D., P.E.

Appendix A

Bid Form

BID FORM
SITE SURVEY
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK

DESCRIPTION	ESTIMATED QUANTITIES	COMPUTED TOTALS
ITEM 1. All materials, equipment, labor, and incidentals required for preliminary site survey and generating initial base map (Mobilization 1), the lump sum price of Thirteen Thousand One Hundred Dollars and zero Cents ($ 13,100.00)	Lump sum	$ 13,100.00
ITEM 2. All materials, equipment, labor, and incidentals required for locating environmental sampling locations and generating revised site map (Mobilization 2), the lump sum price of Fourteen Thousand Seven Hundred Dollars and zero Cents ($ 14,700.00)	Lump sum	$ 14,700.00
Total Bid – (Equal to the sum of Items 1and 2)		$ 27,800.00

BID FORM
SITE SURVEY
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY AND HUNTINGTON, NEW YORK
PAGE 2 of 2

For YEC, Inc.
(Corporation Name)

In New York
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: 612 Corporate Way, Suite 4M
Valley Cottage, NY 10989

Phone No.: 845-268-3203 FAX No. 845-268-5313

e-Mail address.: EdChen.yec@verizon.net

Appendix B

Conflict of Interest Certification

CONFLICT OF INTEREST CERTIFICATION
OLD BETHPAGE INDUSTRIAL AREA
OYSTER BAY, NASSAU COUNTY, NEW YORK AND
HUNTINGTON, SUFFOLK COUNTY, NEW YORK

To the best of the Department of Environmental Conservation's knowledge, the potential responsible parties listed in Attachment 1 are the known potential responsible parties as of May 2007.

The undersigned authorized representative, for the subcontractor indicated below, hereby certifies for the Old Bethpage Industrial Area project that to the best of his/her knowledge the subcontractor has no organizational or personal conflict of interest with the potential responsible parties listed above.

Certified By:

I acknowledge that the subcontractor has no conflict of interest.

For YEC, Inc.
(Corporation Name)

In New York
(State of Incorporation)

By _____
(Signature of Authorized Representative)

Business Address: 612 Corporate Way, Suite 4M
Valley Cottage, NY 10989

Phone No.: 845-268-3203 FAX No. 845-268-5313

e-Mail address.: EdChen.yec@verizon.net

Attachment 1

Conflict of Interest Certification

Attachment to Conflict of Interest Certification

Nearby Listed Inactive Hazardous Waste Sites - Not Part of Investigation

1. Old Bethpage Landfill (Site No. 1-30-001), Bethpage-Sweethollow Road, Town of Oyster Bay. Responsible Parties (from ROD): Cerro Conduit Company; Cerro Wire and Cable, Inc; Cerock Wire and Cable Group, Inc.; Grumman Corporation; Grumman Aerospace Corporation; Occidental Chemical Corp.; Occidental Petroleum Corp.; The Rockbestos Company; Town of Oyster Bay.

2. Claremont Polychemical Corporation (Site No. 1-30-015), 501 Winding Road, Town of Oyster Bay. Responsible Parties: Claremont Polychemical Corporation, Winding Road Estates, Winding Road Properties.

3. Nassau County Fire Training Center (Site No. 1-30-042), Winding Road, Town of Oyster Bay Responsible Party: Nassau County

Partial List of Properties in the Industrial Area

Current Occupant(s)	**Address**	**Town**
Advance Relocation Molloy Brothers Moving & Storage (Formerly Dynaforce)	195 Bethpage-Sweethollow Road	Oyster Bay
Central Transport (or Transit) International	192 Bethpage-Sweethollow Road	Oyster Bay
Kathy Van Zeeland (Formerly Display Products Inc)	185 Bethpage-Sweethollow Road	Oyster Bay
Skate Safe America (Formerly BTU Systems)	182 Bethpage-Sweethollow Road	Oyster Bay
National Maintenance	On Bethpage-Sweethollow Road adjacent to #185 to the west	Oyster Bay
New York Paving	On Bethpage-Sweethollow Road adjacent to National Maintenance to the west	Oyster Bay
Hitemco	160 Bethpage-Sweethollow Road	Oyster Bay
Trulite Louvre (formerly Filtron Corp)	148 Bethpage-Sweethollow Road	Oyster Bay
Global Pottery	On Winding Road directly south of New York Paving	Oyster Bay
Southampton Brick & Tile	303 Winding Road	Oyster Bay

Prima Vision (or Mason) Supply Alside Wholesale Building Products		
Mr. Bar-B-Que (Formerly Captree Chemical)	445 Winding Road	Oyster Bay
Seville Transit Mix Company(?)	459 Winding Road	Oyster Bay
Bethpage Stables/Riding Academy	On Winding Road directly south of #459	Oyster Bay
P&P Paper	311 Winding Road	Oyster Bay
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Graphic Image, Inc.	305 Spagnoli Road	Huntington
Miss Chocolate	North side of Bethpage-Sweethollow Road or Spagnoli Road	Oyster Bay or Huntington
Unknown	290 Spagnoli Road	Huntington
Malhame Regina Press & Make Gift Collections	South side of Spagnoli Road	Huntington
Chyron, Bi-Lo Distributors	5 Hub Drive	Huntington
Lindenmeyr Munroe The Paper counter	West side of Hub Drive	Huntington
Keyspan	25 Hub Drive	Huntington
Marchon	35 Hub Drive	Huntington
Access Direct	270 Spagnoli Road	Huntington
Phoenix Gymnastics	North side of Bethpage-Sweethollow Road or Spagnoli Road	Oyster Bay or Huntington
NDR	260 Spagnoli Road	Huntington
Austin Travel	265 Spagnoli Road	Huntington
Future Tire Company	202 Bethpage-Sweethollow Road	Oyster Bay
Aljo Precision Products GEFA Instrument Corp. (Formerly Life Industries)	205 Bethpage-Sweethollow Road	Oyster Bay
Family Residences & Essential	191 Bethpage-Sweethollow Road	Oyster Bay

Enterprises Inc.		
Unknown (Formerly American Louvre)	301 Winding Road	Oyster Bay

New York State Department of Environmental Conservation
Old Bethpage Industrial Area PMWP

Quality Assurance Project Plan (Under Separate Cover)

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New York State Department of Environmental Conservation
Old Bethpage Industrial Area PMWP

Health and Safety Plan (Under Separate Cover)

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