



**Project Management Work Plan
Jack's Drycleaners (7-34-112)
Town of Brewerton, New York**

Prepared for

New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233



Prepared by

EA Engineering, P.C., and Its Affiliate
EA Science and Technology
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December 2007
Revision: FINAL
EA Project No. 14368.15

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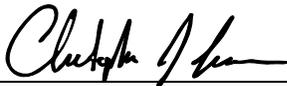
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13 December 2007

Date



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13 December 2007

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1. INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering, P.C. and its affiliate EA Science and Technology (EA) to perform a site characterization at the Jack's Drycleaners Site (NYSDEC Site No. 7-34-112) in the Village of Brewerton, Onondaga County, New York (Figure 1).

The Work Assignment will be conducted under the NYSDEC State Superfund Standby Contract (Work Assignment No. D004438-15). The initial step in the Work Assignment is preparation of this Project Management Work Plan (PMWP), which describes the anticipated work activities and the associated budget and staffing plan. The elements of this PMWP were prepared in accordance with the most recent and applicable guidelines and requirements of NYSDEC.

1.1 OBJECTIVES

The objectives of this Work Assignment are:

- Conduct a historic records search to identify historic environmental conditions on-site.
- Install and sample up to five temporary soil vapor probes in the vicinity of the site.
- Install up to five groundwater monitoring wells in the vicinity of the site for the collection of groundwater samples.
- Install up to two test pits in the vicinity of the site for the collections of soil samples.
- Conduct a site survey of the existing monitoring well network and newly installed monitoring well locations for the preparation of a base map. Soil vapor points will also be surveyed.
- Document all field activities, submit analytical samples to Environmental Laboratory Analytical Program- (ELAP)-certified laboratories, summarize analytical data, and qualify analytical data through third party data validation.
- Prepare a Site Characterization report summarizing all field activities and findings of the site characterization.

1.2 PROJECT MANAGEMENT WORK PLAN ORGANIZATION

This PMWP is organized into the following sections:

- Section 1: Provides the overall approach and specific activities that will be performed during the site characterization at the Jack's Drycleaners site
- Section 2: Presents the project organization and schedule
- Section 3: Identifies areas of work that will require subcontracting

- Section 4: Presents the utilization plan for Minority/Women-Owned Business Enterprise (M/WBE) subcontractors and Equal Employment Opportunity (EEO) within EA.

This PMWP is a stand alone document; a more detailed Site Characterization Work Plan describing proposed field activities, quality assurance procedures, and health and safety considerations will be submitted under a separate cover.

The budget for this Work Assignment (Schedule 2.11) is provided in Appendix A.

1.3 DESCRIPTION OF WORK TASKS

The following tasks have been completed or will be completed as part of the site characterization:

- Work Plan development
- Historic records research
- Environmental sampling
- Field documentation and reporting.

A brief summary of each activity is provided below and further details of the field activities will be provided in the Work Plan.

1.3.1 Work Plan Development (Task 1)

A meeting was held at the Jack's Drycleaners site, Brewerton, New York on 28 June 2007 in conjunction with the development of this PMWP. Meeting attendees included representatives from the NYSDEC Division of Environmental Remediation and EA. The site visit was performed in order to become familiar with the area and discuss proposed field work activities.

1.3.2 Phase I Report (Task 2)

A review of historic information will be conducted to identify areas of concern and narrow the scope of field activities. Historic Sanborn maps shall be reviewed, in addition to Title and Deed Records and information available for federal, state, county, and local government agencies regarding the site and adjacent properties. The protocol for this effort will follow NYSDEC Division of Environmental Remediation *Draft DER-10 Technical Guidance for Site Investigation and Remediation*, December 2002.

1.3.2 Environmental Sampling (Task 2)

Environmental sampling will consist of soil vapor, groundwater, and soil sampling at various locations throughout the targeted area. The protocol for this effort will follow *New York State Department of Health Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006 and NYSDEC Division of Environmental Remediation *Draft DER-10 Technical Guidance for Site Investigation and Remediation*, December 2002.

1.3.3 Field Documentation and Reporting (Task 3)

Field logbooks, soil boring logs, groundwater purge forms, and soil vapor monitoring forms will be used during all on-site work. A dedicated field logbook will be maintained by the site manager overseeing the

site activities. In addition to the logbook, any and all original sampling forms and purge forms used during the field activities will be submitted to NYSDEC as part of the final report. Field and sampling procedures, including installation of the soil vapor monitoring points and temporary monitoring well points, will be photo documented.

Upon completion of the field activities, a Site Characterization report will be prepared and submitted to NYSDEC that includes a summary of field and laboratory analytical data, presents the locations of field samples, and a summary/discussion of the findings of the site characterization.

2. PROJECT ORGANIZATION AND SCHEDULE

2.1 PROJECT ORGANIZATION

The site characterization at the Jack's Drycleaners Site will be managed through an organized effort of scientific and engineering personnel and technical resources. These efforts will employ pre-approved field procedures, sampling techniques, and analytical methods to accomplish the project objectives as outlined in the Work Plan. Effective program organization will accommodate these requirements while maintaining a manageable degree of control over these activities.

The project organization for the accomplishment of this effort is illustrated in Figure 2. The key technical management of this investigation will be accomplished by the project manager and assigned project team. Additional individuals will be made available, if warranted. Areas of work that require subcontracting are discussed in Section 3.

2.2 PROJECT MANAGEMENT

EA will provide oversight, coordination, health and safety, field support, and evaluation of analytical data. EA will also be responsible for evaluation of analytical test results, which will be submitted to NYSDEC. The EA staff members involved in this project are detailed below:

- **Tom Porter, EA Project Quality Assurance/Quality Control (QA/QC) Officer**—The QA/QC Officer will provide guidance on technical matters and review technical documents relating to the project. He will assess the effectiveness of the QA/QC program and recommend modifications when applicable. Additionally, the QA/QC Officer may delegate technical guidance to specially trained individuals under his direction.
- **Dave Eck, P.E., EA Project Manager**—The Project Manager provides overall coordination and preparation of the project within EA. This includes coordination with NYSDEC and New York State Department of Health, budget control, subcontractor performance, implementation of the Quality Assurance Project Plan, and allocation of resources and staffing to implement both the QA/QC program and the site Health and Safety Plan.
- **Scott Graham, C.P.G., EA Project QA/QC Coordinator**—The Project QA/QC Coordinator is responsible for project-specific supervision and monitoring of the QA/QC program. He will ensure that field personnel are familiar with and adhere to proper sampling procedures, field measurement techniques, sample identification, and chain-of-custody procedures. He will coordinate with the analytical laboratory for the receipt of samples and reporting of analytical results, and will recommend actions to correct deficiencies in the analytical protocol or sampling. Additionally, he will prepare QA/QC reports for management review.
- **Joe Von Uderitz, EA Site Manager**—The Site Manager will serve as the on-site contact person for field investigations and tests. He will be responsible for coordinating the field activities, including inspecting and replacing equipment, preparing daily and interim reports, scheduling sampling, and coordinating shipment and receipt of samples and containers.

The Program Health and Safety Officer is also an integral part of the project implementation team.

- ***Peter Garger, EA Program Health and Safety Officer***—The Program Health and Safety Officer will be responsible for the development, final technical review, and approval of the Health and Safety Plan. In addition, he will provide authorization, if warranted, to modify personal protective equipment requirements based on field conditions. He will also provide final review of all health and safety monitoring records and personal protective equipment changes to ensure compliance with the provisions of the Health and Safety Plan.

2.3 PROJECT SCHEDULE

The proposed schedule for completion of the site characterization is presented on Figure 3. The schedule includes tasks up to the completion of the Data Usability and Summary Report associated with this Work Assignment. The schedule assumes field activities will begin on 17 December 2007. The schedule does not account for delays due to unforeseen site conditions (i.e., inclement weather).

Every attempt will be made to adhere to the schedule presented. Unexpected delays will be documented and reported to NYSDEC in a timely fashion. If the schedule needs to be modified, EA will contact NYSDEC for approval of the updated schedule.

3. SUBCONTRACTORS

Successful implementation of the field and reporting activities associated with this Work Assignment will require the following types of subcontractors:

- A drilling contractor to install test pits, drill soil borings, and install soil vapor points and groundwater monitoring wells
- An off-site laboratory to analyze various environmental samples (groundwater/soil)
- An off-site laboratory to analyze soil vapor samples
- A data validator to perform a usability analysis of the laboratory data associated with the field samples
- A surveyor to assist in the development of a site plan depicting general site features as well as the locations of all new and existing monitoring wells and soil vapor points.

In accordance with the NYSDEC draft *Handbook for Standby Consultant Contracts (for DER Standby Consultants)* (NYSDEC 2005)¹, EA established standby subcontracts for laboratory analyses, drilling, data validation, and surveying/engineering services. EA is distributing the laboratory analyses and data validation services to these standby subcontractors on a rotational basis and as necessary to satisfy EA's M/WBE goals. Chemtech Consulting Group, Inc. and Nancy J. Potak will be performing the laboratory analyses and data validation services, respectively.

Quotes for the site-specific drilling items (e.g., mobilization/demobilization) were solicited from four standby subcontracted drilling contractors, as specified in the NYSDEC draft *Handbook for Standby Consultant Contracts*. Three of the four drilling contractors submitted site-specific drilling items and mobilization costs associated with this Work Assignment. Nothnagle Drilling submitted the lowest overall rate to perform the drilling services required to complete this Work Assignment.

Based on the evaluation of current subcontractor standby rates and rates quoted from non-standby subcontractors, EA proposes the list of subcontractors provided below. Additional cost information from the subcontractors not under standby contract is included in Appendix B.

Activity	Subcontractor	Projected Contract Amount (\$)
Analytical Laboratory Analysis (Soil Vapor)	Air Toxics, LTD	\$2,135
Analytical Laboratory Analysis (Groundwater)	Chemtech Consulting Group, Inc.	\$1,840
Data Validation Services	Nancy J. Potak	\$330
Surveying	Prudent Engineering	\$2,627
Driller	Nothnagle Drilling	\$7,490

¹ NYSDEC. 2005. draft *Handbook for Standby Consultant Contracts (for DER Standby Consultants)*. December.

4. MINORITY/WOMAN-OWNED BUSINESS ENTERPRISE-EQUAL EMPLOYMENT OPPORTUNITY UTILIZATION PLAN

It is understood that EA is required by NYSDEC to make Good Faith Efforts towards the realization of M/WBE-EEO goals established in the NYSDEC draft *Handbook for Standby Consultant Contracts*. Accordingly, the remainder of this section contains the Consultant/Contractor Detailed M/WBE-EEO Utilization Plan prepared for this Work Assignment. The M/WBE-EEO Utilization Plan identifies that EA’s goals are to award 20 percent of the total contract costs to M/WBE firms. Specifically, the goals are to award 15 percent of the total contract costs to MBE firms (\$7,269) and 5 percent of the total contract costs to WBE firms (\$2,432). In addition, EA’s goals are to have 10 percent of EA’s workforce for the project be minority and 10 percent be female.

In accordance with the NYSDEC draft *Handbook for Standby Consultant Contracts*, EA established standby subcontracts with 10 New York State Department of Economic Development certified M/WBE firms that provide laboratory analyses, data validation, drilling and surveying/engineering services. In order to meet the M/WBE goals, EA solicited quotes for mobilization/demobilization and other site-specific drilling items (not previously quoted) from the four standby drilling companies. In addition, EA proposes to use a standby M/WBE subcontractors (as identified below) to perform the laboratory analyses, drilling, and data validation services required to conduct the site characterization at the Jack’s Drycleaner site as detailed in Section 3 of this PMWP.

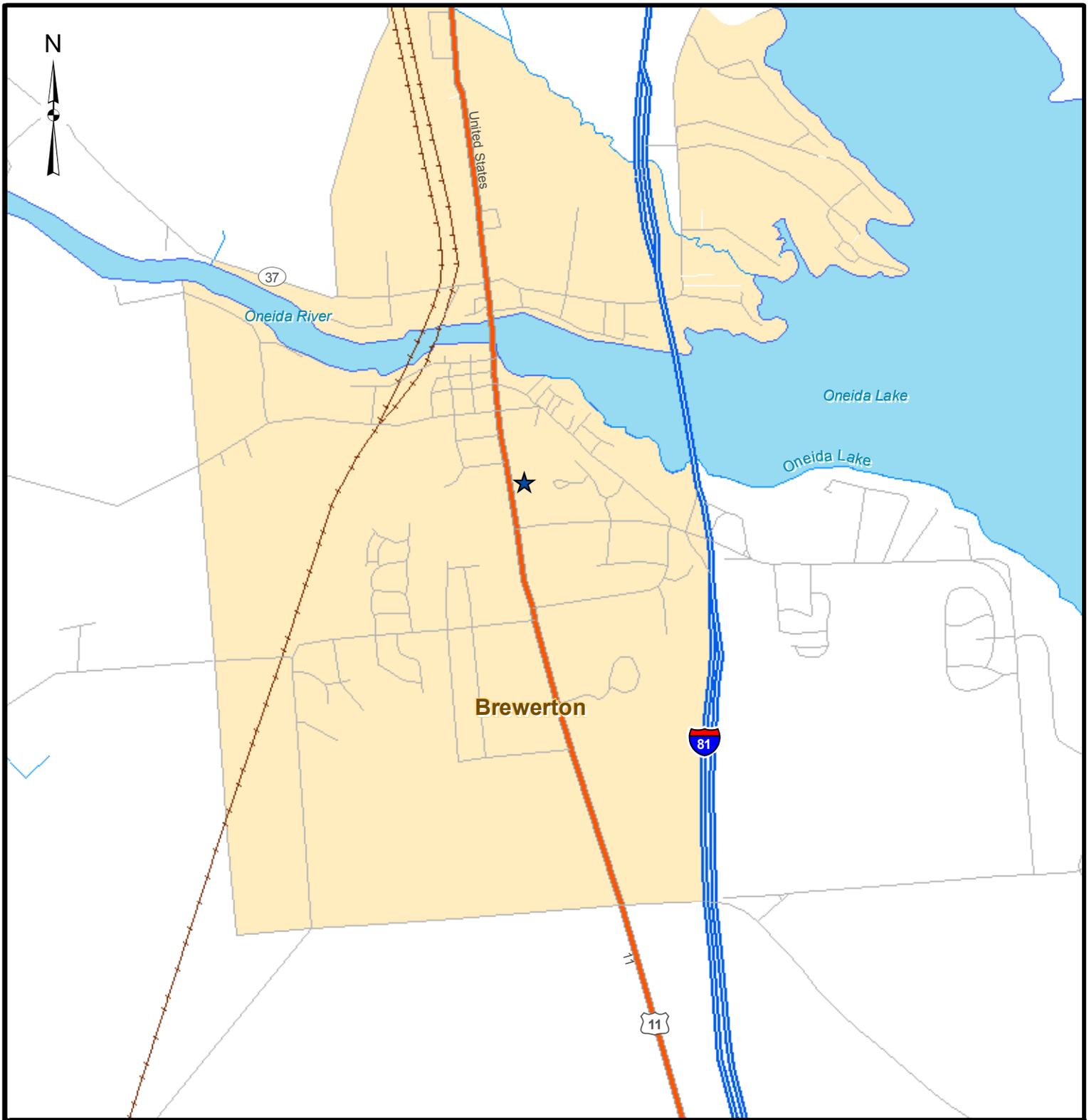
Subcontractor	Classification	Service to be Performed	Projected Contract Amount (\$)	Award Date	Contract Start Date	Projected Completion Date
Air Toxics, LTD	WBE	Laboratory Analysis (Soil Vapor)	\$2,135	TBD	TBD	TBD
Prudent Eng.	MBE	Survey	\$2,627	TBD	TBD	TBD
Chemtech Consulting	MBE	Laboratory Analysis (groundwater/soil)	\$1,840	TBD	TBD	TBD
Nancy J. Potak	WBE	Data Validation	\$330	TBD	TBD	TBD

Approximately 5.1 percent of the total contract costs are proposed to be performed by WBE firms, which is slightly lower than the Standby Contract WBE utilization goals. Approximately 9.2 percent of the total contract costs are proposed to be performed by MBE firms, which is lower than the Standby Contract MBE utilization goals. A total of approximately 14 percent of the total project costs are anticipated to be awarded to M/WBE firms.

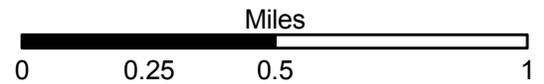
As identified in the M/WBE-EEO Utilization Plan, approximately 10 percent of EA’s total contract hours for the site characterization at the Jack’s Drycleaner Site is proposed to be worked by female employees (Section 4.1). However, none of EA’s total contract hours are anticipated to be worked by minority employees.

4.1 CONSULTANT/CONTRACTOR DETAILED M/WBE-EEO UTILIZATION PLAN

The plan consists of four forms, which are included in Appendix C.



LEGEND
 ★ Site Location



Source: ESRI Streetmaps 2005



JACK'S DRYCLEANERS SITE
 BREWERTON, NEW YORK

FIGURE 1
 Site Location Map

PROJECT MGR: DWE	DESIGNED BY: CJS	CREATED BY: DCC	CHECKED BY: JAV	SCALE: AS SHOWN	DATE: NOVEMBER 2007	PROJECT NO: 14368.15	FILE NO: GIS/PROJECTS/ FIGURE1.MXD
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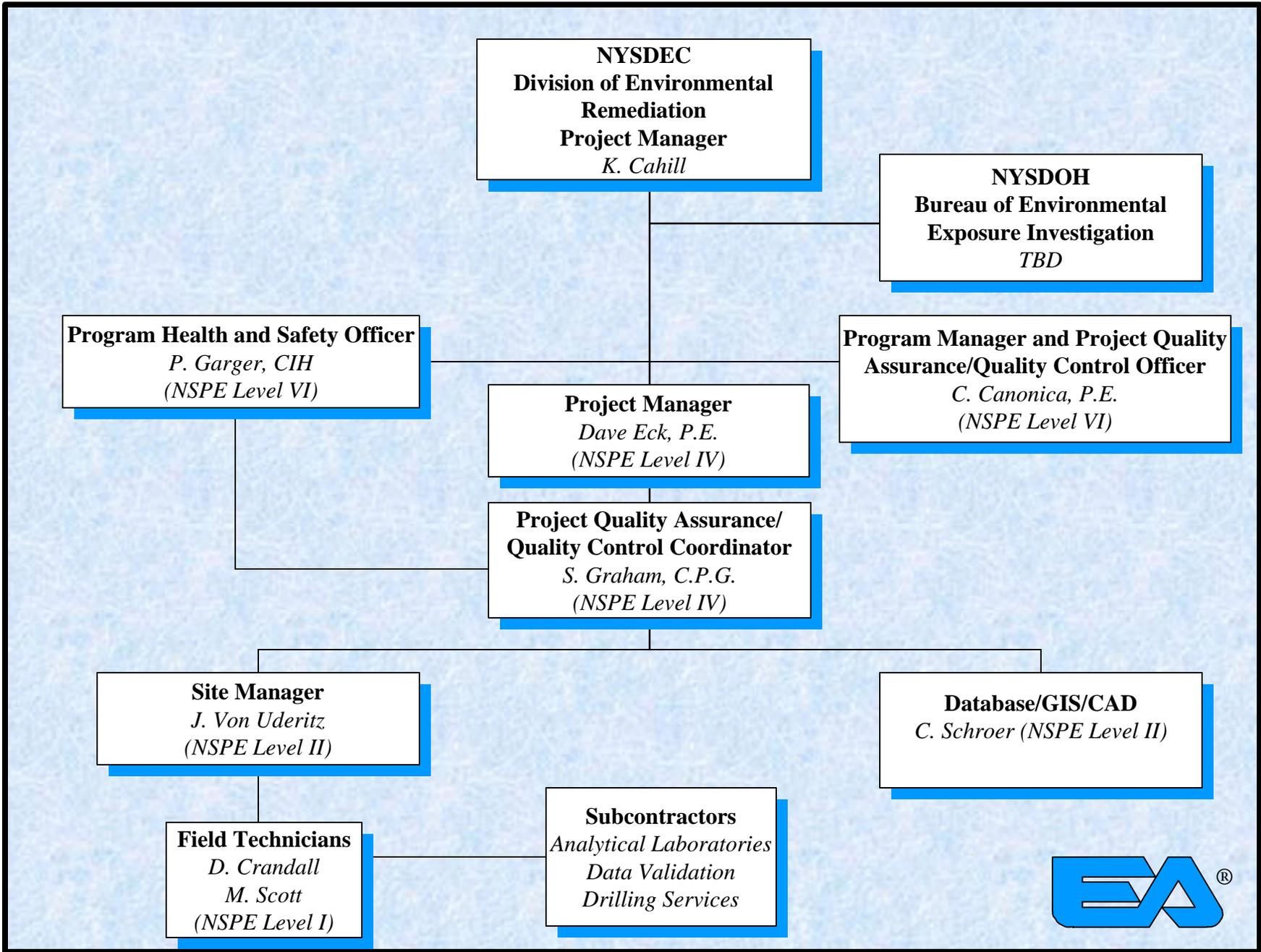
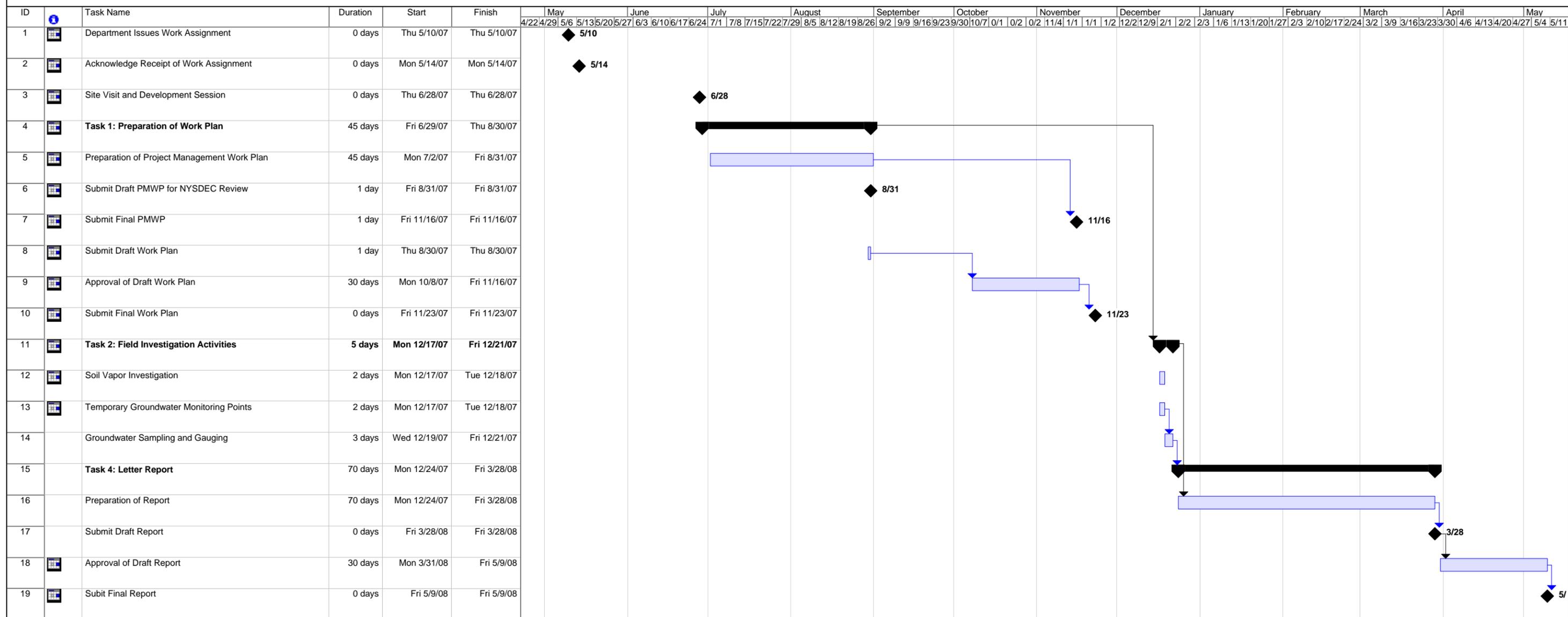


Figure 2 Project organization chart for site characterization – Jack's Dry Cleaners

Figure 3 Project Schedule
 Site Characterization
 Jack's Dry Cleaners - NYSDEC Standby Contract
 Site No. 7-34-112



Project: Varin's Market Schedule
 Date: Tue 11/13/07

Task Progress Summary External Tasks Deadline

Split Milestone Project Summary External Milestone

Figure 3

Appendix A

Work Assignment Budget Schedule 2.11

Schedule 2.11 (a)

Summary of Work Assignment Price

Work Assignment Number

D004438-15

1)	Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	\$10,915
2)	Indirect Costs (Schedule 2.10(g))	\$16,640
3)	Direct Non-Salary Costs (Schedule 2.10(b)(c)(d) and 2.11(c)(d))	\$4,474
4)	Subcontract Costs	

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

	<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
i)	Prudent Engineering LLP	Surveying Professional Services	\$2,627
ii)			\$0
A)	Total Cost-Plus-Fixed-Fee Subcontracts		\$2,627

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

	<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
i)	Chemtech Consulting Group, Inc.	Laboratory Analyses	\$1,840
ii)	Air Toxics, LTD	Laboratory Air Analyses	\$2,135
iii)	Nancy Potak	Data validation	\$330
iv)	Nothnagle Drilling	Drilling Services	\$7,490

B) Total Unit Price Subcontracts \$11,795

5) Subcontract Management Fee \$215

6) Total Subcontract Costs (Lines 4A + 4B + 5) \$14,637

7) Fixed Fee (Schedule 2.10(h)) \$1,929

8) Total Work Assignment Price (Lines 1 + 2 + 3 + 6 + 7) \$48,594

Engineer/Contract # EA Engineering, P.C. D004438
 Project Name Jack's Dry Cleaners
 Work Assignment No. D004438-15

Date Prepared 10-Aug-07

Schedule 2.11 (b)
Direct Labor Hours Budgeted

<i>Labor Classification</i>	<i>IX</i>	<i>VIII</i>	<i>VII</i>	<i>VI</i>	<i>V</i>	<i>IV</i>	<i>III</i>	<i>II</i>	<i>I</i>	<i>Admin.</i>	<i>Total Direct Labor Hrs.</i>
2007 Average Salary Rates		64.15	54.14	48.80	44.55	35.55	25.84	21.83	17.11		
2008 Average Salary Rates		66.07	55.76	50.26	45.89	36.62	26.62	22.48	17.62		
Task 1 - 2007				4		32		54	20	8	118
Task 1 - 2008										0	0
<i>Task 1 Total Hours</i>	0	0	0	4	0	32	0	54	20	8	118
<i>Task 1 Direct Labor Total Cost</i>											\$3,009.58
Task 2 - 2007				1		8		24	16	2	51
Task 2 - 2008										0	0
<i>Task 2 Total Hours</i>	0	0	0	1	0	8	0	24	16	2	51
<i>Task 2 Direct Labor Total Cost</i>											\$1,174.54
Task 3 - 2007				4		18	40	72	16	8	158
Task 3 - 2008										0	0
<i>Task 3 Total Hours</i>	0	0	0	4	0	18	40	72	16	8	158
<i>Task 3 Direct Labor Total Costs</i>											\$3,879.42
Task 4 - 2007					4	20	40	24	16	6	110
Task 4 - 2008										0	0
<i>Task 4 Total Hours</i>	0	0	0	0	4	20	40	24	16	6	110
<i>Task 4 Direct Labor Total Costs</i>											\$2,851.46
Total Hours 2007	0	0	0	9	4	78	80	174	68	24	437
Total Hours 2008	0	0	0	0	0	0	0	0	0	0	0
<i>Total Hours fo the WA</i>											437
<i>Direct Labor Cost (\$) 2007</i>	\$0.00	\$0.00	\$0.00	\$439.20	\$178.20	\$2,772.90	\$2,067.20	\$3,798.42	\$1,163.48	\$495.60	\$10,915.00
<i>Direct Labor Cost (\$) 2008</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Direct Labor Cost \$											\$10,915.00

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

Engineer/Contract # EA Engineering, P.C. D004438
 Project Name Jack's Dry Cleaners
 Work Assignment No. D004438-15

Date Prepared 10-Aug-07

Schedule 2.11 (b-1)
Direct Administrative Labor Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Total No. of Direct Labor Hrs.
2007 Average Salary Rates*		64.15	54.14	48.80	44.55	35.55	25.84	21.83	17.11	
2008 Average Salary Rates*		66.07	55.76	50.26	45.89	36.62	26.62	22.48	17.62	
Task 1 - 2007								4	4	8
Task 1 - 2008										0
<i>Task 1 Total Hours</i>	0	0	0	0	0	0	0	4	4	8
<i>Task 1 Direct Administrative Total Cost</i>										\$155.76
Task 2 - 2007								2	0	2
Task 2 - 2008										0
<i>Task 2 Total Hours</i>	0	0	0	0	0	0	0	2	0	2
<i>Task 2 Direct Administrative Total Cost</i>										\$43.66
Task 3 - 2007								6	2	8
Task 3 - 2008										0
<i>Task 3 Total Hours</i>	0	0	0	0	0	0	0	6	2	8
<i>Task 3 Direct Administrative Total Costs</i>										\$165.20
Task 4 - 2007								6		6
Task 4 - 2008										0
<i>Task 4 Total Hours</i>	0	0	0	0	0	0	0	6	0	6
<i>Task 4 Direct Administrative Total Cost</i>										\$130.98
Total Hours - 2007	0	0	0	0	0	0	0	18	6	24
Total Hours - 2008	0	0	0	0	0	0	0	0	0	0
<i>Total Hours for the WA</i>										24
<i>Direct Labor Cost (\$ 2007)</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$392.94	\$102.66	\$495.60
<i>Direct Labor Cost (\$ 2008)</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Direct Administrative Labor Cost (\$)										\$495.60

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

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

1) Work Plan Budget Development

- Conflict of Interest Check
- Budget schedules & supporting documentation
- 2) Review work assignment (WA) progress**
- Conduct progress reviews
- Prepare monthly project report
- Update WA progress schedule
- Prepare M/WBE Utilization Report

3) Contractor Application for Payment (CAP)

- Oversee and prepare monthly CAP

4) Program Management

- Prepare monthly cost control report
- Cost control reviews
- Staffing plans
- Manage subcontracts
- NSPE list update
- Equipment inventory

5) Miscellaneous

- Conduct Health and Safety Reviews
- Word processing and graphic artists
- Report editing

Contract/Project administration hours would not include:

- QA/QC reviews
- Technical oversight by management
- Develop subcontracts
- Work plan development
- Review of deliverables

Schedule 2.11 (c)

Direct Non-Salary Costs

Engineer: EA Engineering, P.C.

Contract ID: D004438

Project Name: Jack's Dry Cleaners

Work Assignment No.: D004438-15

Item	Maximum Reimbursement Rate	(Specify Unit)	Est. No. of Units	Total Estimated Cost (\$)
A) In-house Costs				
1) 8.5 x 11 print/copy (black and white)	\$0.05	\$/page	2,350	\$117.50
2) 8.5 x 11 print/copy (color)	\$0.75	\$/page	550	\$412.50
3) Full Size Construction Drawings (i.e. permit, contract, as-builts)	\$1.80	each	0	\$0.00
4) Reproduction - Bid Documents	\$0.10	each	25	\$2.50
5) Reproduction - Full Size Construction	\$0.30	each	0	\$0.00
6) Report Cover Sets	\$1.75	each	6	\$10.50
7) Microcomputer GIS (Arc/info)	\$6.25	\$/hour	68	\$425.00
8) Microcomputer Graphics/CADD	\$1.50	\$/hour	8	\$12.00
9) Personal Protective Equipment (Level C)	\$27.00	\$/man-day	0	\$0.00
10) Personal Protective Equipment (Level D)	\$13.00	\$/man-day	22	\$286.00
11) Equipment Purchased Under Contract	\$0.00	Lump Sum	1	\$0.00
12) Consultant Owned Equipment	\$549.60	Lump Sum	1	\$549.60
13) Vendor Rented Equipment	\$1,950.00	Lump Sum	1	\$1,950.00
14) Site Dedicated Equipment	\$0.00	Lump Sum	1	\$0.00
15) Consumable Supplies	\$58.00	Lump Sum	1	\$58.00
16) Shipping - Submittals	\$50.00	each	8	\$400.00
17) Shipping - Samples	\$50.00	each	5	\$250.00
			In-house Costs Total	\$4,473.60
B) Miscellaneous				
Travel:				
Per diem: Oneida	\$29.25	travel day	0	\$0.00
Per diem: Oneida	\$39.00	day	0	\$0.00
Lodging: Oneida	\$60.00	night	0	\$0.00
Local Mileage:	\$0.485	mile	0	\$0.00
			Miscellaneous Total	\$0.00
Total Direct Non-Salary Costs			\$4,473.60	

*See Schedule 2.10(b) for rates.

Schedule 2.11(d) 2

Maximum Reimbursement Rates for Consultant Owned Equipment

Item	Purchase Price (\$ x 85%)	Usage Rate* (\$/Unit of Time)	Capital Recovery** Rate (\$/Unit of Time)	O&M Rate (\$/Unit of Time)	Est. Usage (Unit of Time)	Est. Usage Cost (\$) (Col. 3 x 6)
Task 3						
Generator 3,000 - 5,000 watts		\$135.00 Week			1	\$135.00
MiniRAE 2000 with 10.67 eV Lamp- Datalogging		\$200.00 Week			1	\$200.00
Solinst 122 or Heron H.01L Interface Probe 100 ft		\$140.00 Week			1	\$140.00
Laptop Computer		\$3.73 Hour			20	\$74.60
					Task 3 Total	\$549.60
					TOTAL	<u>\$549.60</u>

Schedule 2.11(d) 3

Maximum Reimbursement Rates for Vendor-Rented Equipment

Item	Reimbursement Rate (\$)	Unit of Time	Est. Usage (Unit of Time)	Est. Usage Cost (\$) (Col. 2 x 3)
Task 3				
Grunfos Redi-flo 2" Submersible Pump with Converter Box	\$350.00	week	1	\$350.00
MIE DR-4000 DataRAM Real-Time Aerosol Monitor	\$450.00	week	1	\$450.00
Gilian Air Pump	\$50.00	week	1	\$50.00
Helium Detector	\$350.00	week	1	\$350.00
Helium Tracer Gas	\$150.00	each	2	\$300.00
ppbRAE	\$150.00	week	1	\$150.00
Horbia U-22 Water Quality Meter	\$300.00	week	1	\$300.00
			Task 3 Total	\$1,950.00
			TOTAL	<u>\$1,950.00</u>

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

Work Assignment No. D004438-15

Schedule 2.11(d) 5

Consumable Supplies

Item	Estimated Quantity	Unit Cost (\$)	Total Budgeted Cost (Col . 2 x 3) (\$)
Task 3			
Field Logbook	1	\$18.00	\$18.00
Nitrile Gloves	2	\$20.00	\$40.00
Low Value Equipment (field hours)	120	\$0.80	\$96.00
		TOTAL	\$154.00

Schedule 2.11(e)

Cost-Plus-Fixed-Fee Subcontracts

Work Assignment Number D004438-15

Name of Subcontractor	Services to be Performed	Subcontract Price
Prudent Engineering LLP	Surveying Professional Services	\$2,626.88
A) Direct Salary Costs		

Professional Responsibility Level	Labor Classification	Ave. Reimbursement Rate (\$/Hr.)	Max. Reimbursement Rate (\$/Hr.)	Est. No. of Hours	Total Est. Direct Salary Cost (Ave. Reimb. Rate x Est. # of Hrs.)
Task 3					
III(N)	Senior Land Surveyor (III (N))	\$26.52	\$27.58	15	\$397.80
III N	Party Chief - Licensed (III (N))	\$25.46	\$27.58	14	\$356.44
II (N)	Intstrument Person, Party Chief (Field) - U	\$22.28	\$22.66	14	\$311.92
II N	CADD Technician (II (N))	\$18.04	\$22.66	4	\$72.16
				Task 3 Total	\$1,138.32
Total Direct Salary Costs					\$2,276.64

Footnotes:

- 1) The labor rate averages and maximums shall be adjusted by a rate equal to the increase in the CPI index CUURA101SAO-"All Urban Consumers-New York-Northern N.J.-Long Island" for the previous year. This index is published by the U.S. Department of Labor's Bureau of Labor Statistics. The adjustment will be calculated every January and will be effective for subsequent work assignment billing and budgeting purposes.
- 2) Schedule 2.10(a) may be re-negotiated after four (4) years at the request of either party. Any revision as a result of renegotiation will be subject to the approval of the Office of the State Comptroller.
- 3) The maximum annual escalation is limited to 5%.
- 4) Reimbursement will be limited to the lesser of either of the individual's actual hourly rate or the maximum rate for each labor category.
- 5) Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.
- 6) Only those labor classifications indicated with an asterisk will be entitled to overtime.
- 7) Reimbursement for technical time of principals, owners, and officers will be limited to the maximum reimbursement rate of that category, the actual hourly labor rate paid, or the State M-6 rate, whichever is lower.

- 8) Maximum reimbursement rates may be exceeded for work assignment activities that are under the jurisdiction of the Schedule of Prevailing Wage Rates set by the New York State Department of Labor.

Schedule 2.11(e)

Cost-Plus-Fixed-Fee Subcontracts

Work Assignment Number D004438-15

Name of Subcontractor	Services to be Performed	Subcontract Price
A) <i>Direct Salary Costs</i>	Engineering Professional Services	\$0.00

Professional Responsibility Level	Labor Classification	Ave. Reimbursement Rate (\$/Hr.)	Max. Reimbursement Rate (\$/Hr.)	Est. No. of Hours	Total Est. Direct Salary Cost (Ave. Reimb. Rate x Est. # of Hrs.)
					\$0.00
Total Direct Salary Costs					\$0.00

Footnotes:

- 1) The labor rate averages and maximums shall be adjusted by a rate equal to the increase in the CPI index CUURA101SAO-"All Urban Consumers-new York-Northern N.J.-Long Island" for the previous year. This index is published by the U.S. Department of Labor's
- 2) Schedule 2.10(a) may be re-negotiated after four (4) years at the request of either party. Any revision as a result of renegotiation will be subject to the approval of the Office of the State Comptroller.
- 3) The maximum annual escalation is limited to 5%.
- 4) Reimbursement will be limited to the lesser of either of the individual's actual hourly rate or the maximum rate for each labor category.
- 5) Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.
- 6) Only those labor classifications indicated with an asterisk will be entitled to overtime.
- 7) Reimbursement for technical time of principals, owners, and officers will be limited to the maximum reimbursement rate of that category, the actual hourly labor rate paid, or the State M-6 rate, whichever is lower.
- 8) Maximum reimbursement rates may be exceeded for work assignment activities that are under the jurisdiction of the Schedule of Prevailing Wage Rates set by the New York State Department of Labor.

Schedule 2.11(e)
(continued)

B) Indirect Costs

Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum of **133.87%** or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.

Amount budgeted for indirect costs is:

Total Indirect Costs \$0.00

C) Maximum Reimbursement Rates for Direct Non-Salary Costs

<i>Item</i>	<i>Max. Reimbursement Rate (Specify Unit)</i>	<i>Est. # of Units</i>	<i>Total Estimated Cost</i>
1) Travel			
Per diem:	Orange County	\$44.00 day	#REF! \$0.00
Lodging:	Orange County	\$98.00 night	#REF! \$0.00
Local Mileage:		\$0.485 mile	#REF! \$0.00
		Travel Total	\$0.00
2) Supplies			
			\$0.00
			\$0.00
			\$0.00
			\$0.00
		Supplies Total	#REF! #REF!
Total Direct Non-Salary Costs			#REF!

D) Fixed Fee 7.00%

The fixed fee is:

Total Fixed Fee \$0.00

Schedule 2.11(f)

Unit Price Subcontracts

Work Assignment Number D004438-15

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
0	IDW Disposal Services	\$0.00	\$0.00
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
Task 4			
0	\$0.00 0	0	\$0.00
Subtotal Subcontract Price			<u>\$0.00</u>
Subcontract Management Fee			<u>\$0.00</u>
TOTAL			<u>\$0.00</u>

Schedule 2.11(f)

Unit Price Subcontracts

Work Assignment Number D004438-15

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
Chemtech Consulting Group, Inc.	Laboratory Analyses	\$1,840.00	\$92.00
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
Task 3			
Analysis of aqueous by EPA Method 8260	\$80.00 each	13	\$1,040.00
Analysis of non-aqueous by EPA Method 8260B	\$80.00 each	10	\$800.00
Subtotal Subcontract Price			<u>\$1,840.00</u>
Subcontract Management Fee			<u>\$92.00</u>
TOTAL			<u>\$1,932.00</u>

Schedule 2.11(f)

Unit Price Subcontracts

Work Assignment Number D004438-15

Name of Subcontractor
Air Toxics, LTD

Services to be Performed
Laboratory Air Analyses

Subcontract Price
\$2,135.00

Management Fee
\$106.75

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
Task 3			
Analysis of soil vapor samples by EPA Method TO 15	\$305.00 each	7	\$2,135.00
Subtotal Subcontract Price			<u>\$2,135.00</u>
Subcontract Management Fee			<u>\$106.75</u>
TOTAL			<u>\$2,241.75</u>

Schedule 2.11(f)

Unit Price Subcontracts

Work Assignment Number D004438-15

Name of Subcontractor Nancy Potak	Services to be Performed Data validation	Subcontract Price \$330.00	Management Fee \$16.50
---	--	--------------------------------------	----------------------------------

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
Task 4			
Validation of aqueous samples analyzed by EPA Method 8260	\$11.00 each	13	\$143.00
Validation of non-aqueous samples analyzed by EPA Method 8260B	\$11.00 each	10	\$110.00
Validation of non-aqueous samples analyzed by EPA Method TO-15	\$11.00 each	7	\$77.00
Subtotal Subcontract Price			<u>\$330.00</u>
Subcontract Management Fee			<u>\$16.50</u>
TOTAL			<u>\$346.50</u>

Schedule 2.11(f)

Unit Price Subcontracts

Work Assignment Number D004438-15

Name of Subcontractor Nothnagle Drilling	Services to be Performed Drilling Services	Subcontract Price \$7,490.00	Management Fee \$0.00
--	--	--	---------------------------------

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost
Task 3			
Mobilization/demobilization	\$450.00 lump sum	1	\$450.00
Drill rig and crew to install 5 shallow monitoring wells (continous sampling), and install 5 soil vapor sampling probes.	\$1,350.00 day	3	\$4,050.00
Installation of soil vapor sampling probes w/ 6" stainless steel screen	\$75.00 each	5	\$375.00
2-Inch well Screen-- 10-ft sections (0.01")	\$70.00 each	5	\$350.00
PVC Well Riser - 2" Sch 40	\$3.50 LF	50	\$175.00
Flushmount Well Cover	\$100.00 each	5	\$500.00
Sand (#0)	\$20.00 bag	20	\$400.00
Bentonite Pellets	\$20.00 bag	7	\$140.00
Decontamination Pad	\$100.00 lump sum	1	\$100.00
Backhoe/Mini-excavator	\$950.00 day	1	\$950.00
Subtotal Subcontract Price			<u>\$7,490.00</u>
Subcontract Management Fee			<u>\$0.00</u>
TOTAL			<u>\$7,490.00</u>

SCHEDULE 2.11(g)

**MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION**

Engineer: EA Engineering, P.C.
Contract No: D004438
Project Name: Jack's Dry Cleaners
Work Assignment No.: D004438
Task#/Name: Summary
Complete: _____

Page: 1 of 1
Date Prepared: 10-Aug-07
Billing Period: _____
Invoice No. _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid To Date</i>	<i>Total Disallowed To Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs To Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1 Direct Salary Costs				\$0.00		\$10,915.00		(\$10,915.00)
2 Indirect Costs				\$0.00		\$16,639.92		(\$16,639.92)
3 Subtotal Direct Salary Costs and Indirect Costs				\$0.00		\$27,554.92		(\$27,554.92)
4 Travel				\$0.00		\$0.00		\$0.00
5 Other Non-Salary Costs				\$0.00		\$4,473.60		(\$4,473.60)
6 Subtotal Direct Non-Salary Costs				\$0.00		\$4,473.60		(\$4,473.60)
7 Subcontractors				\$0.00		\$14,637.13		(\$14,637.13)
8 Total WA Cost				\$0.00		\$46,665.65		(\$46,665.65)
9 Fixed Fee 7%				\$0.00		\$1,928.84		(\$1,928.84)
10 Total WA Price				\$0.00		\$48,594.50		(\$48,594.50)

Program Manager(Engineer) _____

Date: _____

SCHEDULE 2.11(g)

**MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION**

Engineer: EA Engineering, P.C.
Contract No: D004438
Project Name: Jack's Dry Cleaners
Work Assignment No.: D004438-15
Task#/Name: Task 1 - PMWP and Work Plans
Complete:

Page: 1 of 1
Date Prepared: 10-Aug-07
Billing Period:
Invoice No.

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid To Date</i>	<i>Total Disallowed To Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs To Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1 Direct Salary Costs				\$0.00		\$3,009.58		(\$3,009.58)
2 Indirect Costs				\$0.00		\$4,588.10		(\$4,588.10)
3 Subtotal Direct Salary Costs and Indirect Costs				\$0.00		\$7,597.68		(\$7,597.68)
4 Travel				\$0.00		\$0.00		\$0.00
5 Other Non-Salary Costs				\$0.00		\$531.50		(\$531.50)
6 Subtotal Direct Non-Salary Costs				\$0.00		\$531.50		(\$531.50)
7 Subcontractors				\$0.00		\$0.00		\$0.00
8 Total WA Cost				\$0.00		\$8,129.18		(\$8,129.18)
9 Fixed Fee 7%				\$0.00		\$531.84		(\$531.84)
10 Total WA Price				\$0.00		\$8,661.02		(\$8,661.02)

Program Manager(Engineer) _____

Date: _____

SCHEDULE 2.11(g)

**MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION**

Engineer: EA Engineering, P.C.
Contract No.: D004438
Project Name: Jack's Dry Cleaners
Work Assignment No.: D004438-15
Task#/Name: Task 2 - Records Search
Complete:

Page: 1 of 1
Date Prepared: 10-Aug-07
Billing Period:
Invoice No.:

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid To Date</i>	<i>Total Disallowed To Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs To Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1 Direct Salary Costs				\$0.00		\$1,174.54		(\$1,174.54)
2 Indirect Costs				\$0.00		\$1,790.59		(\$1,790.59)
3 Subtotal Direct Salary Costs and Indirect Costs				\$0.00		\$2,965.13		(\$2,965.13)
4 Travel				\$0.00		\$0.00		\$0.00
5 Other Non-Salary Costs				\$0.00		\$110.00		(\$110.00)
6 Subtotal Direct Non-Salary Costs				\$0.00		\$110.00		(\$110.00)
7 Subcontractors				\$0.00		\$0.00		\$0.00
8 Total WA Cost				\$0.00		\$3,075.13		(\$3,075.13)
9 Fixed Fee 7%				\$0.00		\$207.56		(\$207.56)
10 Total WA Price				\$0.00		\$3,282.69		(\$3,282.69)

Program Manager(Engineer) _____

Date: _____

SCHEDULE 2.11(g)

**MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION**

Engineer: EA Engineering, P.C.
Contract No.: D004438
Project Name: Jack's Dry Cleaners
Work Assignment No.: D004438-15
Task#/Name: Task 3 - Field Investigation
Complete:

Page: 1 of 1
Date Prepared: 10-Aug-07
Billing Period:
Invoice No.:

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid To Date</i>	<i>Total Disallowed To Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs To Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1 Direct Salary Costs				\$0.00		\$3,879.42		(\$3,879.42)
2 Indirect Costs				\$0.00		\$5,914.18		(\$5,914.18)
3 Subtotal Direct Salary Costs and Indirect Costs				\$0.00		\$9,793.60		(\$9,793.60)
4 Travel				\$0.00		\$0.00		\$0.00
5 Other Non-Salary Costs				\$0.00		\$3,137.60		(\$3,137.60)
6 Subtotal Direct Non-Salary Costs				\$0.00		\$3,137.60		(\$3,137.60)
7 Subcontractors				\$0.00		\$14,290.63		(\$14,290.63)
8 Total WA Cost				\$0.00		\$27,221.83		(\$27,221.83)
9 Fixed Fee 7%				\$0.00		\$685.55		(\$685.55)
10 Total WA Price				\$0.00		\$27,907.38		(\$27,907.38)

Program Manager(Engineer) _____

Date: _____

SCHEDULE 2.11(g)

**MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION**

Engineer: EA Engineering, P.C.
Contract No.: D004438
Project Name: Jack's Dry Cleaners
Work Assignment No.: D004438-15
Task#/Name: Task 4 - Summary Report
Complete: _____

Page: 1 of 1
Date Prepared: 10-Aug-07
Billing Period: _____
Invoice No.: _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid To Date</i>	<i>Total Disallowed To Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs To Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1 Direct Salary Costs				\$0.00		\$2,851.46		(\$2,851.46)
2 Indirect Costs				\$0.00		\$4,347.05		(\$4,347.05)
3 Subtotal Direct Salary Costs and Indirect Costs				\$0.00		\$7,198.51		(\$7,198.51)
4 Travel				\$0.00		\$0.00		\$0.00
5 Other Non-Salary Costs				\$0.00		\$694.50		(\$694.50)
6 Subtotal Direct Non-Salary Costs				\$0.00		\$694.50		(\$694.50)
7 Subcontractors				\$0.00		\$346.50		(\$346.50)
8 Total WA Cost				\$0.00		\$8,239.51		(\$8,239.51)
9 Fixed Fee 7%				\$0.00		\$503.90		(\$503.90)
10 Total WA Price				\$0.00		\$8,743.41		(\$8,743.41)

Program Manager(Engineer) _____

Date: _____

SCHEDULE 2.11(g) - Supplemental

Cost Control Report For Subcontracts

Engineer: EA Engineering, P.C.
Contract No: D004438
Project Name: Jack's Dry Cleaners
Work Assignment No.: D004438-15

Page: 1 of 1
Date Prepared: 10-Aug-07
Billing Period:
Invoice No.:

<i>Subcontract Name</i>	<i>A Subcontract Costs Claimed this Application Inc. Resubmittals</i>	<i>B Subcontract Costs Approved for Payment on Previous Applications</i>	<i>C Total Subcontract Costs to Date (A plus B)</i>	<i>D Subcontract Approved Budget</i>	<i>E Management Fee Budget</i>	<i>F Management Fee Paid</i>	<i>G Total Costs to Date (C plus F)</i>
1 Chemtech Consulting Group, Inc.			\$0.00	\$1,840.00	\$92.00		
2 0			\$0.00	\$0.00	\$0.00		\$0.00
3 Nancy Potak			\$0.00	\$330.00	\$16.50		\$0.00
4 Nothnagle Drilling			\$0.00	\$7,490.00	\$0.00		
5 TOTALS	\$0.00	\$0.00	\$0.00	\$9,660.00	\$108.50		\$0.00

Project Manager _____

Date: _____

Notes:

- 1) Costs listed in Columns A, B, C, & D do not include any management fee costs.
- 2) Management fee is applicable to only properly procured, satisfactorily completed, unit price subcontracts over \$10,000.
- 3) Line 11, Column G should equal Line 7 (Subcontractors), Column D of Summary Cost Control Report.

SCHEDULE 2.11(h)

**MONTHLY COST CONTROL REPORT
SUMMARY OF LABOR HOURS**

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

Engineer: EA Engineering, P.C.
Contract No.: D004438
Project Name: Jack's Dry Cleaners
Work Assignment No.: D004438-15

Date Prepared: 10-Aug-07
Billing Period:
Invoice No.:

NSPE Labor Classification	IX Exp/Est*		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est	
Task 1	0.0		0.0		0.0		4.0		0.0		32.0		0.0		58.0		24.0		118.0	
Task 2	0.0		0.0		0.0		1.0		0.0		8.0		0.0		26.0		16.0		51.0	
Task 3	0.0		0.0		0.0		4.0		0.0		18.0		40.0		78.0		18.0		158.0	
Task 4	0.0		0.0		0.0		0.0		4.0		20.0		40.0		30.0		16.0		110.0	
																			0.0	
																			0.0	
																			0.0	
																			0.0	
																			0.0	
																			0.0	
																			0.0	
																			0.0	
																			0.0	
Total Hours	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	4.0	0.0	78.0	0.0	80.0	0.0	192.0	0.0	74.0	0.0	437.0

* Expended/Estimated

Schedule 2.11(i)

**Monthly Cost Control Report
Equipment Inventory Control Form***

Engineer EA Engineering, P.C.

Contract No. D004438

1) Equipment Description _____
Purchase Date _____
Purchase Price _____
Dates & Location of Use Since Last Report (Identify WA) _____
Present Storage Location _____
Condition of Equipment _____
Responsible Person and Phone No. _____

2) Equipment Description _____
Purchase Date _____
Purchase Price _____
Dates & Location of Use Since Last Report (Identify WA) _____
Present Storage Location _____
Condition of Equipment _____
Responsible Person and Phone No. _____

3) Equipment Description _____
Purchase Date _____
Purchase Price _____
Dates & Location of Use Since Last Report (Identify WA) _____
Present Storage Location _____
Condition of Equipment _____
Responsible Person and Phone No. _____

4) Equipment Description _____
Purchase Date _____
Purchase Price _____
Dates & Location of Use Since Last Report (Identify WA) _____
Present Storage Location _____
Condition of Equipment _____
Responsible Person and Phone No. _____

* This form must be completed for all Department owned equipment in the custody of the Engineer and submitted as part of the Monthly Cost Control Report.

Appendix B

Subcontractor Quotes

NOTHNAGLE DRILLING, INC.

1821 Scottsville-Mumford Road

Scottsville, New York 14546

(585) 538-2328

Fax (585) 538-2357

July 27, 2007

EA Science and Technology
6712 Brooklawn Parkway, Suite 104
Syracuse, New York 13211

RE: Drilling Services
Jack's Dry Cleaner Site
Brewerton, New York

ATTN: Joe Vonuderitz

Dear Joe:

Below please find applicable unit costs to perform drilling services at the above referenced location.

	EST. QTY.	COST	UNIT	EST. EXTENSION
Mobilization & Demobilization	1	\$450.00	Lump Sum	\$ 450.00
Drill rig and crew to install 5 shallow monitoring wells (continuous sampling), and install 5 soil vapor sampling probes	3	\$1,350.00	Day	4,050.00
Installation of soil vapor sampling probes w/6" stainless steel screen	5	\$75.00	Ea	375.00
2" well screen - 10' sections (0.01")	5	\$70.00	Ea	350.00
PVC well riser - 2" sch 40	50	\$3.50	Ft	175.00
Flushmount Well Cover	5	\$100.00	Ea	500.00
Sand (#0)	20	\$20.00	Bag	400.00
Bentonite Pellets	7	\$20.00	Bag	140.00
Decontamination Pad	1	\$100.00	Lump Sum	100.00
Backhoe/Mini-excavator	1	\$950.00	Day	950.00
Drums	0	\$60.00	Ea	0.00
TOTAL ESTIMATED COST :				\$ 7,490.00

We appreciate the opportunity to submit this proposal.

Sincerely,

Stephen A. DiLaura
Vice President

Eck, David

From: Vonuderitz, Joe
Sent: Wednesday, December 12, 2007 11:59 AM
To: Eck, David
Cc: Casey, Robert
Subject: FW: request for bid

From: Vonuderitz, Joe
Sent: Thursday, July 26, 2007 12:16 PM
To: 'Nancy Potak'
Subject: RE: request for bid

Thanks for the speedy response. For this site we will be using Chemtech Consulting Group out of Mountainside, NJ.

From: Nancy Potak [mailto:npotak@vtlink.net]
Sent: Thursday, July 26, 2007 11:16 AM
To: Vonuderitz, Joe
Subject: Re: request for bid

Hi Joe,

Attached is a quotation for the data validation. Could you let me know what lab will be doing the work?

Thank you!

Nancy

At 10:04 AM 7/26/2007, you wrote:

Hi Nancy: I have attached a bid table for a new project under the NYSDEC standby contract. If you have any questions feel free to contact me.

Thanks.

Joe Von Uderitz
Geologist

EA Engineering, P.C.
6712 Brooklawn Parkway, Suite 104
Syracuse, New York 13211-2158
Tel: (315) 431-4610
Cell: (315) 382-9534
Fax: (315) 431-4280

Data Validation/DUSR - Nancy Potak

Type of Sample	Field Samples	EPA Method	Unit Cost	Subtotal Cost
Validation of VOC data (aqueous)	12	8260B	\$11	\$132
Validation of VOC data (soil)	3	8021B	\$11	\$33
Validation of VOC data (soil vapor/air)	6	TO-15	\$11	\$66
<i>Total Cost</i>				<i>\$231</i>
<u>Additional Requirements:</u>				
1. A DUSR will be provide within 30 days of receipt of each data package.				
2. The data will be validated in accordance with Work Element IV - Analytical Quality Assurance/Quality Control Activities of NYSDEC Standby Contract D004438.				

Appendix C

Consultant/Contractor Detailed M/WBE-EEO Utilization Plan

**CONSULTANT/CONTRACTOR DETAILED M/WBE-EEO UTILIZATION PLAN
 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 (THE M/WBE-EEO GOALS MUST BE PLACED ON THE ENTIRE PROJECT COST)**

Consultant Name: EA Engineering, P.C.	
Contract Type/Number: Stand By D004438 I/D Services	Contract Award Date:
Address: 6712 Brooklawn Parkway	City: Syracuse State: New York Zip Code: 13211-2158
Project Owner Name: New York State Department of Environmental Conservation	Project/Grant No.:
Address: 625 Broadway	City: Albany NY Zip Code: 12233
Authorized Representative:	Title:
Authorized Signature:	
Jack's Dry Cleaners Site 7-34-112, EA Work Assignment D004438-15	

EEO AND M/WBE CONTRACT SUMMARY (MUNICIPAL FORCE ACCOUNT N/A)

M/WBE CONTRACT SUMMARY			%	Amount	EEO CONTRACT SUMMARY			%	No./Emp.	Wk./Hrs.
1.	Total Dollar Value of the Project	100	\$48,594.00	6.	Total for all Employees	100	10	437		
2.	Total Dollar Value of the Prime Contract	100	\$48,594.00	7.	Total Goal for Minority Employees	10	0	43.7		
3.	MBE Goal/Amount	15	\$7,289.10	8.	Total Goal for Female Employees	10	4	43.7		
4.	WBE Goal/Amount	5	\$2,429.70	9.	EEO Combined Totals	20	4	87.4		
5.	MBE/WBE Combined Totals	20	\$9,718.80							

Office of Minority & Women's Business Programs Use Only

Proposed Goals		Date Approved	Date Disapproved	Initials
MBE (%)	EEO-Minorities (%)			
WBE (%)	EEO-Minorities (%)			

SECTION I - MBE INFORMATION:

In order to achieve the MBE Goals, New York State Certified MINORITY-OWNED firms are expected to participate in the following manner

MBE Firm	Projected MBE Contract Amount and Award Date	Description of Work MBE	Contract Schedule/Start Date(s)	Contract Payment Schedule	Project Completion Date
Name: Prudent Engineering, LLP Address: 6390 Fly Road City: East Syracuse State/Zip Code: NY 13057 Telephone No.: (315) 432-9823	\$2,627.00 DATE: TBD	Professional Survey			
Name: Chemtech Consulting Group, Inc. Address: 284 Sheffield St. City: Mountainside State/Zip Code: NJ 07092 Telephone No.: (908) 789-8900	\$1,840.00 DATE: TBD	Laboratory Analysis			
Name: Address: City: State/Zip Code: Telephone No.:	DATE: TBD				

SECTION II - WBE INFORMATION:

In order to achieve the WBE Goals, New York State Certified WOMEN-OWNED firms are expected to participate in the following manner

WBE Firm	Projected WBE Contract Amount and Award Date	Description of Work WBE	Contract Schedule/Start Date(s)	Contract Payment Schedule	Project Completion Date
Name: Nancy J. Potak Address: 1797 Craftsbury Road City: Greensboro State/Zip Code: VT 05841 Telephone No.: (603) 226-0118	\$330.00 DATE: TBD	Data Validation			
Name: Air Toxics, LTD Address: 180-B Blue Ravine Road City: Folosom State/Zip Code: CA 95630 Telephone No.: (916) 985-1000	\$2,135.00 DATE: TBD	Laboratory Analysis			
Name: Address: City: State/Zip Code: Telephone No.:	DATE: TBD				

SECTION III - EEO INFORMATION: In order to achieve the EEO Goals, Minorities and Females are expected to be employed in the following job categories for the specified amount of work hours.

Job Categories	Total Work Hours of Contract	All Employees		Minority Employees			
		Male	Female	African-American	Asian	Native American	Hispanic
Officials/ Managers NSPE VI/V/IV	91	91	0	0	0	0	0
Professionals NSPE VI/IV/III/II/I	322	274	48	0	0	0	0
Technicians	0	0	0	0	0	0	0
Sales Workers	0	0	0	0	0	0	0
Office/Clerical NSPE III/II/I	24	0	24	0	0	0	0
Craftsman	0	0	0	0	0	0	0
Laborers	0	0	0	0	0	0	0
Services/ Workers	0	0	0	0	0	0	0
Totals	437	365	72	0	0	0	0