Project Management Work Plan
Valley Falls Drycleaners (4-42-028)
Village of Valley Falls, 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
6712 Brooklawn Parkway, Suite 104
Syracuse, New York 13211-2158
(315) 431-4610

March 2008
Revision: FINAL
EA Project No. 14474.23

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5 March 2008
Christopher J. Canonica, P.E., Program Manager — Date
EA Engineering, P.C.

5 March 2008
Jim Hayward, P.E., Project Manager — Date
EA Engineering, P.C.

5 March 2008
Joe Von Uderitz., Site Manager — Date
EA Science and Technology

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Revision: FINAL
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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 site management activities at the Valley Falls Dry Cleaners Site (NYSDEC Site No. 4-42-028) in the Village of Valley Falls, Rensselaer County, New York (Figure 1).

The Work Assignment will be conducted under the NYSDEC State Superfund Standby Contract (Work Assignment No. D004441-23). 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 BACKGROUND

The Valley Falls Dry Cleaners site is located in a residential area where single family homes are serviced by private drinking water wells. The site is approximately 0.5 miles from the Hoosic River, and is located within the incorporated Village of Valley Falls, a small, rural community on the Hoosic River in the Town of Pittstown, Rensselaer County (Figure 1).

The site, the former Winchell Dry Cleaners property, consists of a relatively flat parcel of land, and includes the residence at 11 Lyons Street. The site actually includes four contiguous parcels totaling about 1.5 acres. However, the two more distant parcels are not likely to contain volatile contamination.

The present owners purchased the property as their family residence in 1978. In 1993, the owners demolished most of the deteriorated vacant dry cleaners building. All that remains of the dry cleaner building is: the slab foundation; a small, deteriorated, underground storage tank (UST) that was part of the septic system; and a small section of the building which has been incorporated into the garage structure. The private drinking water well for the property is located under this structure; it is a bedrock well approximately 110 ft deep and test results show up to 47 parts per billion (ppb) of perchloroethene.

1.2 SITE HISTORY

The Valley Falls Dry Cleaners, or Winchell Dry Cleaners, was established in the 1940s by Mr. Winchell and operated continuously through the early 1970s. It was reportedly sold by Mr. Winchell to Mr. Johnson in the early 1970s. Mr. Johnson continued to operate the facility for a few years and the property was resold and then abandoned in the mid-1970s. It is believed that the dry cleaning operation discharged perchloroethene wastes directly onto the ground surface by washing lint filters and from “grey water” discharged into an on-site septic system.

In November 1991, an adjacent property owner at 12 Charles Street had his private drinking water analyzed and the laboratory reported the presence of perchloroethene (also called tetrachloroethene) in their well at a concentration of 150 ppb. The New York State Department of Health (NYSDOH) was notified of these results and sampled several adjacent private wells. Sampling conducted in January 1992 identified tetrachloroethene (PCE) at concentrations ranging from less than 5 ppb to 190 ppb. The private well sample with 190 ppb of PCE also contained trichloroethene (TCE) at 22 ppb and cis-1,2 dichloroethene (cis-1,2 DCE) at 24 ppb.

In five of the sampled wells, PCE levels exceeded the NYSDOH maximum drinking water maximum contaminant level (MCL) of 5 ppb. In one of the wells, the concentration of PCE exceeded the United States Environmental Protection Agency (USEPA) action level of 67 ppb. As a result, the site was referred by the NYSDEC to the USEPA for an emergency response action on 5 March 1992. On 26 March 1992, USEPA initiated an emergency response as interim levels exceeded applicable drinking water standards. In August 1992, USEPA installed granular activated carbon (GAC) filters and ultraviolet (UV) sterilization units at these properties. The GAC filters are designed to remove volatile organic compounds (VOCs) such as TCE and PCE from water. The UV treatment units remove any bacterial contamination that may be associated with the use of the carbon filters.

On 7 June 1993, the NYSDEC completed a Phase I Assessment of the site and the site was listed on the New York State Registry as a Class 2 Inactive Hazardous Waste Disposal Site. A Class 2 Inactive Hazardous Waste Disposal Site is defined as a site which poses a significant threat to the public health or environment. The NYSDEC notified the USEPA that the NYSDEC would take over responsibility for the operation and maintenance of the carbon units at five residences. This was done for 3 years by NYSDEC contractors on a semi-annual basis. No further on-site field investigations were performed until September 1996.

NYSDOH has continued to sample private wells in Valley Falls. Since January 1992, the NYSDOH has sampled 110 private wells. In a sample collected during November 1994, a private shallow well on State Street showed 9.7 ppb of PCE, exceeding the MCL. The NYSDEC installed a treatment system on this supply in January 1995. In April 1996, the NYSDOH sampled the drinking water supply serving a three unit apartment dwelling. Since groundwater contamination was first discovered near the site, GAC filters and UV treatment systems have been installed at seven residences.

A total of three USTs were excavated, cleaned, and disposed of off-site. The tanks had capacities of 2,000 gal, 1,000 gal, and 500 gal. A total of 269.49 tons of non-hazardous contaminated soil was previously excavated and removed from the site. In addition, 26 soil geoprobe samples were previously installed to a depth of 12 ft.

1.3 OBJECTIVES

The objectives of this Work Assignment are:

- Perform site management activities.

- Conduct groundwater monitoring in order to verify the performance and effectiveness of the remedy.

- Make revisions to the Long-Term Monitoring Plan as needed.

- Submit Periodic Review Reports (PRR).

- 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.

1.4 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 at the Valley Falls Dry Cleaners 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 Management 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.

1.5 DESCRIPTION OF WORK TASKS

The following tasks have been completed or will be completed as part of the Work Assignment:

- Work Plan development
- Operation and Maintenance
- Environmental sampling and monitoring
- 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 Site Management Plan.

1.5.1 Work Plan Development (Task 1)

A site visit/scoping session was held at the Valley Falls Dry Cleaners Site on 11 June 2007, in conjunction with the development of this Work Plan. 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 site and discuss proposed field work activities, which are presented in this Work Plan. The work plan will also be based on information and documents provided by DEC. The final PWMP will be submitted as a deliverable.

As previously stated, a more detailed Site Management Plan describing the Long-Term Monitoring Plan, proposed field activities, quality assurance procedures, and health and safety considerations will be prepared (see task 4 below).

1.5.2 Operation and Maintenance (Task 2)

Site inspections will be conducted concurrently with monitoring events. During the inspection, operational and maintenance issues will be identified and addressed. Well conditions (i.e. well locked, surface seal condition, overall well integrity) will be monitored and recorded. Any necessary maintenance work (i.e. grass cutting, cutting back tree limbs, pest controls) will be completed during the site inspection. Monitoring wells that are no longer functioning are to be decommissioned and replaced, as needed. Monitoring well MW-04 could not be located during the site visit/scoping session and will require replacement and development. MW-04 well be replaced as a nested well, one overburden and one bedrock well. A separate mobilization will be required to install two additional overburden and bedrock monitoring wells. Following well installation and prior to groundwater sampling all monitoring wells will be developed. All site inspections will be included in a PRR.

Task 2 includes the following level of effort:

- One EA personnel, 2 days, 10 hours each day for monitoring well MW-04 replacement (total of 20 hours).
- One EA personnel, 4 days, 10 hours each day for additional monitoring well installation (total of 40 hours).
- One EA personnel, 1 day, 10 hours for monitoring well development (total of 10 hours).

1.5.3 Environmental Sampling and Monitoring (Task 3)

Prior to each sampling event, EA shall notify the property owners that access will be required. EA will review the existing Long-Term Monitoring Plan and existing data. Sampling of the long-term monitoring perimeter wells will be performed quarterly for the first year, and approximately every 9 months for the next two years (total of 6 sampling events) to capture each season type (Figure 2). All wells will be inspected using a well inventory form provided by the

NYSDEC denoting the condition of the wells. All wells will be sampled initially for the first year. Water elevations and water quality data (temperature, pH, conductivity, and turbidity) will be obtained during the first monitoring event and then each quarter for the first year. In addition to the groundwater sampling, one round of sampling for VOCs at 17 residential wells will be completed. The Long-Term Monitoring Plan will be revised based on this experience.

In addition to the long-term monitoring program, 17 residential wells will be sampled at the end of 2010 (Figure 3). With the need to meet homeowners in order to gain access to the sampling point, it is anticipated that two days will be required to collect the residential samples.

Field logbooks and groundwater purge and sampling 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, 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 monitoring well points, will be photo documented.

Task 3 includes the following level of effort:

- Two EA personnel, 6 days, 12 hours per day per person for monitoring well sampling (total of 144 hours).

- Two EA personnel, 2 days, 10 hours per day per person for residential well sampling (total of 40 hours).

1.5.4 Field Documentation and Reporting (Task 4)

EA will review the Long-Term Monitoring Plan and revise as necessary to assure monitoring is occurring for the correct contaminants and detection limits.

A letter report will be submitted NYSDEC after each sampling event and a PRR will be submitted on an annual basis for the site. The PRR will include any available historical data, activities performed, monitoring results, and an analysis of the performance and effectiveness of the remedy, recommendations on a closeout plan, and a summary of costs associated with that period. Subsequent PRRs will include all site activities for the previous 12 months, as well as historical data reference.

All reported data and analysis will be in tabular form and graphical form (e.g.; figures with interpretive isopleths and temporal line graphs of contaminates of concern) characterizing the performance and effectiveness of the treatment and its effects on the groundwater. Reporting will include Category B deliverables for laboratory data submitted. All field instrument calibration, any pre and post checks records, conclusions, recommendations, or observations regarding the site contamination based on inspections and data generated or regarding any necessary changes to the remedy of the monitoring plan will also be included in the report. Reports will be submitted in portable document format (pdf) as a searchable document.

A Site Management Plan consisting of the Long-Term Monitoring Plan, updated Operation and Maintenance Manual, and Institutional Control/Engineering Control Plan or documentation (if applicable) will be generated as a separate deliverable.

2. PROJECT ORGANIZATION AND SCHEDULE

2.1 PROJECT ORGANIZATION

Site management of the Valley Falls Dry Cleaners Site will be administered 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 4. The key technical management of this investigation will be accomplished by the project manger 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:

- ***Chris Canonica, P.E., 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.

- ***Jim Hayward, P.E., EA Project Manager***—The Project Manager provides overall coordination and preparation of the project within EA. This includes coordination with NYSDEC and NYSDOH, 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, 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 activities. 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, C.I.H., 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 implementation of the project activities is presented on Figure 5. 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 March 2008. 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:

- An off-site laboratory to analyze various environmental samples (groundwater).
- A drilling contractor to replace/install groundwater monitoring wells.
- A data validator to perform a usability analysis of the laboratory data associated with the field samples.

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. Hampton-Clarke Veritech 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. Aztech Technologies, Inc. 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.

Activity	Subcontractor	Projected Contract Amount ($)
Analytical Laboratory Analysis (Groundwater)	Hampton-Clarke Veritech	$9,300
Drilling Services	Aztech Technologies, Inc.	$13,757
Data Validation Services	Nancy J. Potak	$1,364

[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 ($10,702.95) and 5 percent of the total contract costs to WBE firms ($3,567.65). 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 work assignment at the Valley Falls Dry Cleaners Site as detailed in Section 3 of this PMWP.

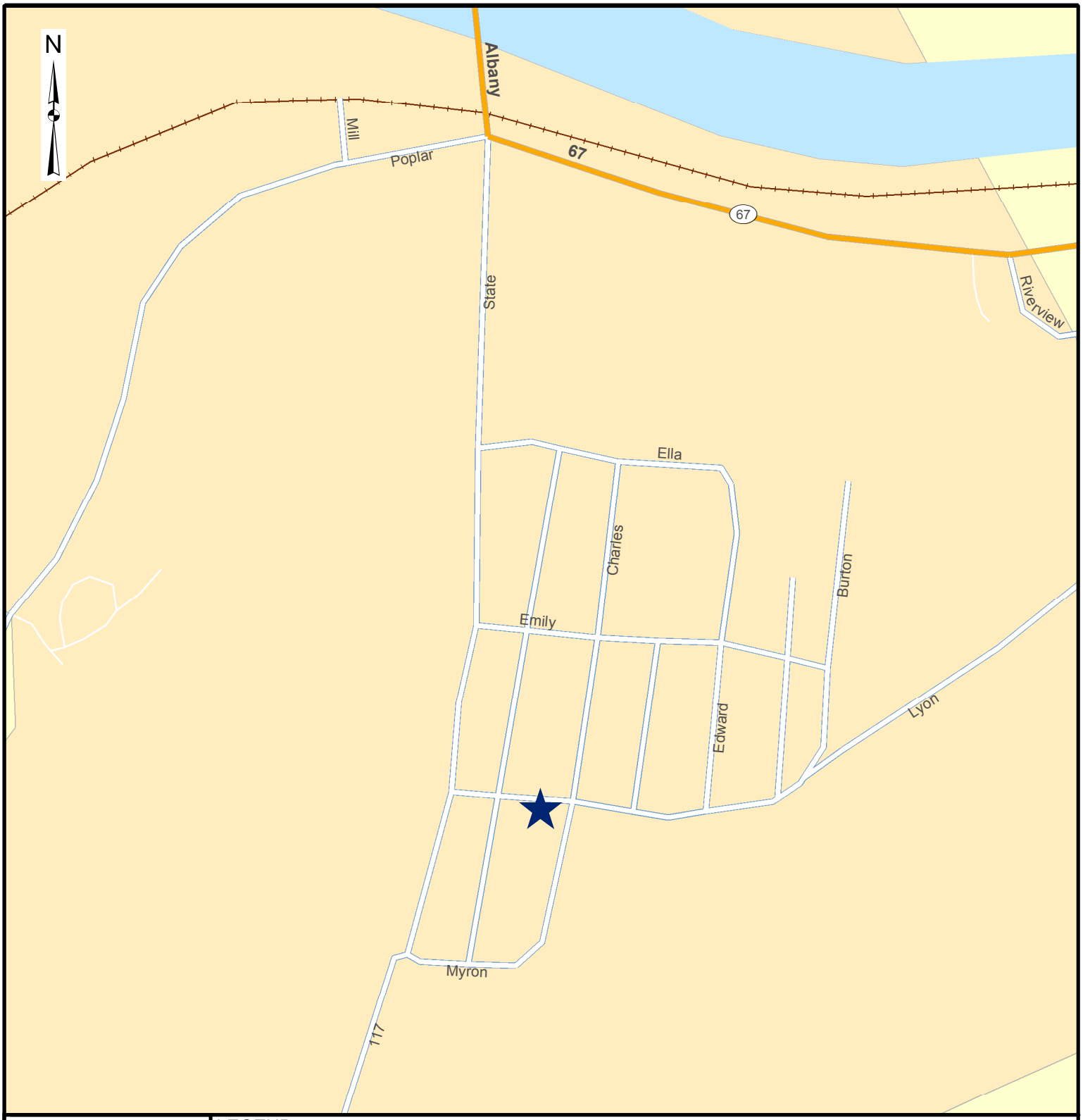
Subcontractor	Classification	Service to be Performed	Projected Contract Amount ($)	Award Date	Contract Start Date	Projected Completion Date
Aztech Technologies, Inc.	WBE	Drilling Services	$13,757	TBD	TBD	TBD
Nancy J. Potak	WBE	Data Validation	$1,364	TBD	TBD	TBD

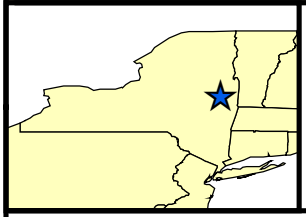
Approximately 21 percent of the total contract costs is proposed to be performed by WBE firms, which is higher than the Standby Contract WBE utilization goals. The MBE utilization goal is not anticipated to be met for this project. A total of 21 percent of the total project cost is anticipated to be 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 work assignment at the Valley Falls Dry Cleaners 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

Miles

0 0.05 0.1 0.2

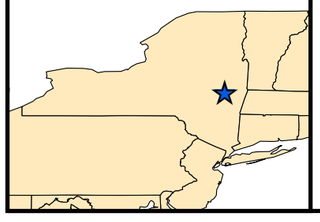
Source: StreetMap USA

EA Engineering, Science, and Technology, Inc.

VALLEY FALLS DRY CLEANERS SITE (4-42-028)
SITE MANAGEMENT WORK PLAN
VALLEY FALLS, NEW YORK

FIGURE 1
Site Location Map

PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	FILE NO:
JCH	CJS	DCC	JCH	AS SHOWN	JANUARY 2008	14474.23	GIS/PROJECTS/ FIGURE1.MXD



Monitoring Well

Homes with GAC systems

Homes where GAC were removed

Homes with constituents above NYSDOH Standards

Valley Falls Parcel (Approximate)

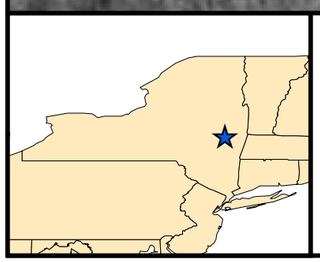
Source: NYS GIS Clearing House

VALLEY FALLS DRY CLEANERS SITE (4-42-028)
SITE MANAGEMENT WORK PLAN
VALLEY FALLS, NEW YORK

FIGURE 2
Locations of Monitoring Wells
and Wells Above
NYSDOH Standard

0 50 100 200 300 400 Feet

PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	FILE NO:
JCH	CJS	DCC	JCH	AS SHOWN	FEBRUARY 2008	14474.23	GIS/PROJECTS/ FIGURE2.MXD



Legend

- **Monitoring Well**
- **Valley Falls Parcel (Approximate)**
- **Residence to be Sampled**

Source: NYS-GIS Clearinghouse

VALLEY FALLS DRY CLEANERS SITE (4-42-028)
SITE MANAGEMENT WORK PLAN
VALLEY FALLS, NEW YORK

FIGURE 3
Residential Well
Sample Locations

0 37.5 75 150 225 300 Feet

PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	FILE NO:
JCH	CJS	DCC	JCH	AS SHOWN	FEBRUARY 2008	14474.23	GIS/PROJECTS/ FIGURE2.MXD

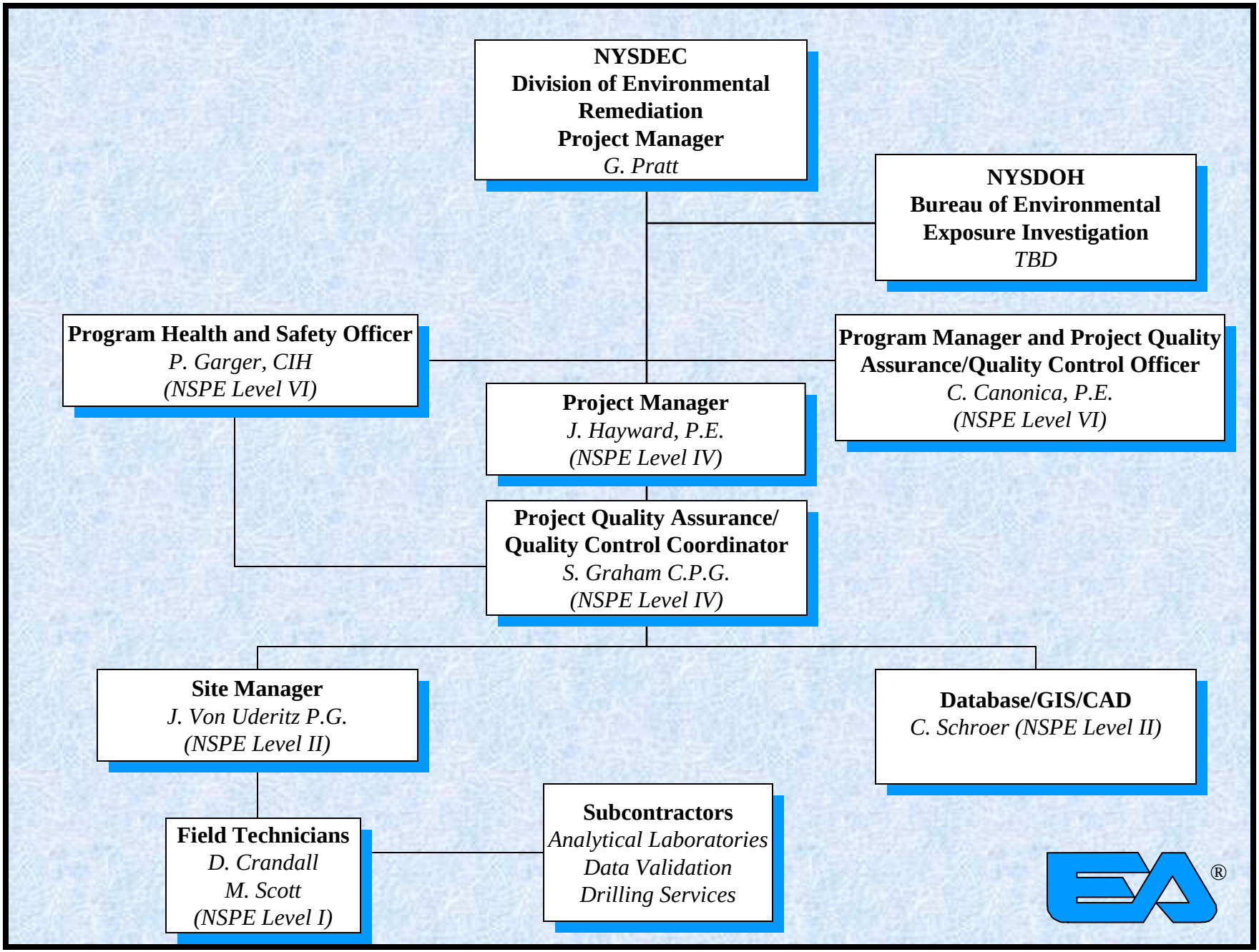
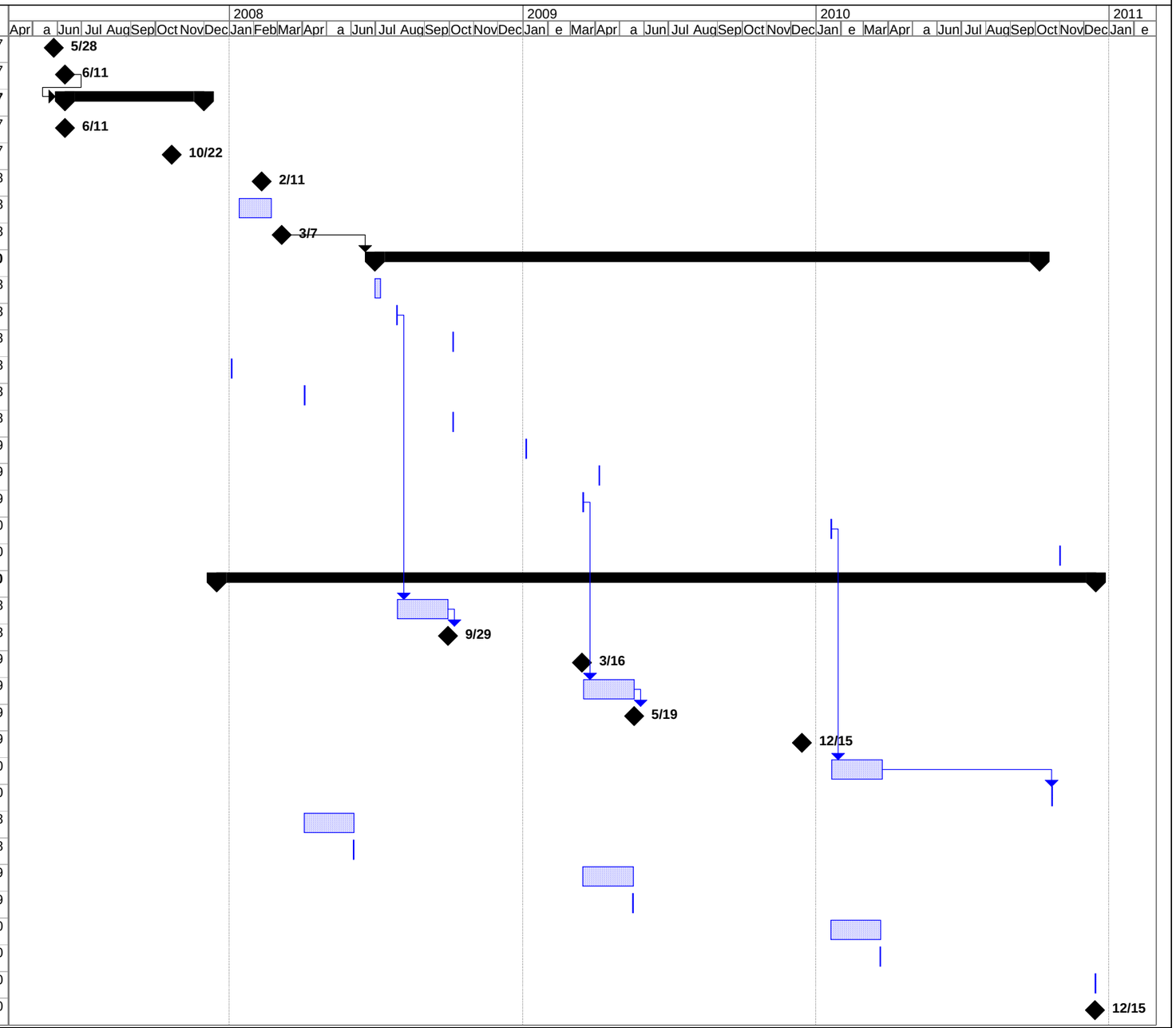


Figure 4. Project Organization Chart – Valley Falls Dry Cleaners Site.

Figure 5 Project Schedule
Site Management
Valley Falls - NYSDEC Standby Contract
Site No. 4-42-028

ID	Task Name	Duration	Start	Finish
1	Department Issues Work Assignment	0 days	Mon 5/28/07	Mon 5/28/07
2	Acknowledge Receipt of Work Assignment	0 days	Mon 6/11/07	Mon 6/11/07
3	**Task 1: Preparation of Work Plans**	125 days	**Mon 6/11/07**	**Fri 11/30/07**
4	Site Visit and Development Session	0 days	Mon 6/11/07	Mon 6/11/07
5	Submit Draft PMWPfor NYSDEC Review	0 days	Mon 10/22/07	Mon 10/22/07
6	Receive Department Comments on PMWP	0 days	Mon 2/11/08	Mon 2/11/08
7	Submit Final PMWP	30 days	Mon 1/14/08	Fri 2/22/08
8	Receive Notice to Proced (NTP)	0 days	Fri 3/7/08	Fri 3/7/08
9	**Task 2 & 3: O&M and Monitoring**	592 days	**Tue 7/1/08**	**Wed 10/6/10**
10	GW Well Installation and Development	5 days	Tue 7/1/08	Mon 7/7/08
11	1st Groundwater Sampling Event and Site Inspection	1 day	Mon 7/28/08	Mon 7/28/08
12	2nd Groundwater Sampling Event and Site Inspection	1 day	Mon 10/6/08	Mon 10/6/08
13	3rd Groundwater Sampling Event and Site Inspection	1 day?	Fri 1/4/08	Fri 1/4/08
14	4th Groundwater Sampling Event and Site Inspection	1 day?	Fri 4/4/08	Fri 4/4/08
15	Q2 O&M Site Inspection	1 day	Mon 10/6/08	Mon 10/6/08
16	Q3 O&M Site Inspection	1 day	Mon 1/5/09	Mon 1/5/09
17	Q4 O&M Site Inspection	1 day	Mon 4/6/09	Mon 4/6/09
18	5th Groundwater Sampling Event and Site Inspection	1 day	Tue 3/17/09	Tue 3/17/09
19	6th Groundwater Sampling Event and Site Inspection	1 day	Wed 1/20/10	Wed 1/20/10
20	Residential Sampling Event	1 day	Mon 11/1/10	Mon 11/1/10
21	**Task 4: Reporting**	783 days	**Mon 12/17/07**	**Wed 12/15/10**
22	1st Event Letter Report	45 days	Tue 7/29/08	Mon 9/29/08
23	Submit Letter Report	0 days	Mon 9/29/08	Mon 9/29/08
24	2008 Periodic Review Report	0 days	Mon 3/16/09	Mon 3/16/09
25	2nd Event Letter Report	45 days	Wed 3/18/09	Tue 5/19/09
26	Submit Letter Report	0 days	Tue 5/19/09	Tue 5/19/09
27	2009 Periodic Review Report	0 days	Tue 12/15/09	Tue 12/15/09
28	3rd Event Letter Report	45 days	Thu 1/21/10	Wed 3/24/10
29	Submit Letter Report	1 day	Fri 10/22/10	Fri 10/22/10
30	4th Event Letter Report	44 days	Fri 4/4/08	Wed 6/4/08
31	Submit Letter Report	1 day	Wed 6/4/08	Wed 6/4/08
32	5th Event Letter Report	45 days	Tue 3/17/09	Mon 5/18/09
33	Submit Letter Report	1 day	Mon 5/18/09	Mon 5/18/09
34	6th Event Letter Report	44 days	Wed 1/20/10	Mon 3/22/10
35	Submit Letter Report	1 day	Mon 3/22/10	Mon 3/22/10
36	Residential Sampling Event Letter Report	1 day	Wed 12/15/10	Wed 12/15/10
37	2010 Periodic Review Report	0 days	Wed 12/15/10	Wed 12/15/10



Date: Wed 3/5/08

Task | Progress | Summary | External Tasks | Deadline
Split | Milestone | Project Summary | External Milestone

Figure 5

Appendix A

Work Assignment
Budget Schedule 2.11

Schedule 2.11 (a)

Summary of Work Assignment Price

Work Assignment Number D004441-23

1)	Direct Salary Costs (Schedules 2.10(a) and 2.11(b))		$14,430
2)	Indirect Costs (Schedule 2.10(g))		$21,998
3)	Direct Non-Salary Costs (Schedule 2.10(b)(c)(d) and 2.11(c)(d))		$6,732
4)	Subcontract Costs		
	Cost-Plus-Fixed-Fee Subcontracts (Schedule 2.10(e) and 2.11(e))		
	Name of Subcontractor	**Services To Be Performed**	**Subcontract Price**
	i)		*$0*
	ii)		*$0*
A)	**Total Cost-Plus-Fixed-Fee Subcontracts**		$0
	Unit Price Subcontracts (Schedule 2.10(f) and 2.11(f))		
	Name of Subcontractor	**Services To Be Performed**	**Subcontract Price**
	i) Hampton-Clarke Veritech	Laboratory Other Analyses	*$9,300*
	ii) Aztech Technologies, Inc.	Monitoring Well Replacement	*$13,757*
	iii) Nancy J. Potak	Data validation	*$1,364*
B)	**Total Unit Price Subcontracts**		$24,421
5)	Subcontract Management Fee		$1,221
6)	Total Subcontract Costs (Lines 4A + 4B + 5)		$25,643
7)	Fixed Fee (Schedule 2.10(h))		$2,550
8)	Total Work Assignment Price (Lines 1 + 2 + 3 + 6 + 7)		$71,353

Engineer/Contract # EA Engineering, P.C. D004441 **Date Prepared** 5-Mar-08
Project Name Valley Falls Dry Cleaners
Work Assignment No. D004441-23

Schedule 2.11 (b)
Direct Labor Hours Budgeted

Labor Classification	*IX*	*VIII*	*VII*	*VI*	*V*	*IV*	*III*	*II*	*I*	*Admin.*	*Total 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		
2009 Average Salary Rates		68.06	57.44	51.77	47.26	37.71	27.41	23.16	18.15		
2010 Average Salary Rates		70.10	59.16	53.33	48.68	38.85	28.24	23.85	18.70		
Task 1 - 2007				2		6	6	24		1	39
Task 1 - 2008										0	0
Task 1 - 2009										0	0
Task 1 - 2010										0	0
Task 1 Total Hours	0	0	0	2	0	6	6	24	0	1	39
										Task 1 Direct Labor Total Cost	$1,011.69
Task 2 - 2007										0	0
Task 2 - 2008				1		2	12	70		1	86
Task 2 - 2009				1		2	2			1	6
Task 2 - 2010				1		2	2			1	6
Task 2 Total Hours	0	0	0	3	0	6	16	70	0	3	98
										Task 2 Direct Labor Total Cost	$2,455.84
Task 3 - 2007										0	0
Task 3 - 2008				1		12	20	96		1	130
Task 3 - 2009				1		3	4	24		1	33
Task 3 - 2010				1		3	12	64		1	81
Task 3 Total Hours	0		0	3	0	18	36	184	0	3	244
										Task 3 Direct Labor Total Costs	$6,115.78
Task 4 - 2007										0	0
Task 4 - 2008				2		8	40	12	6	10	78
Task 4 - 2009				2		8	24	12	6	5	57
Task 4 - 2010				2		8	24	12	6	5	57
Task 4 Total Hours	0	0	0	6	0	24	88	36	18	20	192
										Task 4 Direct Labor Total Costs	$4,846.66
Total Hours 2007	0	0	0		0				0		0
Total Hours 2008	0	0	0	4	0	24	64	178	6	12	288
Total Hours 2009	0	0	0	5	0	15	26	52	6	7	111
Total Hours 2010	0	0	0	5	0	15	26	84	6	8	144
										Total Hours fo the WA	543
Direct Labor Cost ($) 2007	$0.00	$0.00	$0.00	$97.60	$0.00	$213.30	$155.04	$523.92	$0.00	$21.83	$1,011.69
Direct Labor Cost ($) 2008	$0.00	$0.00	$0.00	$201.06	$0.00	$805.56	$1,916.29	$4,002.31	$105.74	$67.45	$7,098.42
Direct Labor Cost ($) 2009	$0.00	$0.00	$0.00	$207.09	$0.00	$490.29	$822.41	$833.74	$108.91	$69.48	$2,531.92
Direct Labor Cost ($) 2010	$0.00	$0.00	$0.00	$213.30	$0.00	$505.00	$1,072.97	$1,812.92	$112.18	$71.56	$3,787.94
										Total Direct Labor Cost $	$14,429.97

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

Engineer/Contract # EA Engineering, P.C. D004441 **Date Prepared** 5-Mar-08
Project Name Valley Falls Dry Cleaners
Work Assignment No. D004441-23

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	
2009 Average Salary Rates*		68.06	57.44	51.77	47.26	37.71	27.41	23.16	18.15	
2010 Average Salary Rates*		70.10	59.16	53.33	48.68	38.85	28.24	23.85	18.70	
Task 1 - 2007								1		1
Task 1 - 2008										0
Task 1 - 2009										0
Task 1 - 2010										0
Task 1 Total Hours	0	0	0	0	0	0	0	1	0	1
									Task 1 Direct Administravtive Total Cost	$21.83
Task 2 - 2007										0
Task 2 - 2008								1		1
Task 2 - 2009								1		1
Task 2 - 2010								1		1
Task 2 Total Hours	0	0	0	0	0	0	0	3	0	3
									Task 2 Direct Administravtive Total Cost	$69.50
Task 3 - 2007										0
Task 3 - 2008								1		1
Task 3 - 2009								1		1
Task 3 - 2010								1		1
Task 3 Total Hours	0		0	0	0	0	0	3	0	3
									Task 3 Direct Adminstrative Total Costs	$69.50
Task 4 - 2007										0
Task 4 - 2008								1		1
Task 4 - 2009								1		1
Task 4 - 2010								1		1
Task 4 Total Hours	0	0	0	0	0	0	0	3	0	3
									Task 4 Direct Administravtive Total Cost	$69.50
Total Hours - 2007	0	0	0	0	0	0	0	1	0	1
Total Hours - 2008	0	0	0	0	0	0	0	3	0	3
Total Hours - 2009	0	0	0	0	0	0	0	3	0	3
Total Hours - 2010	0	0	0	0	0	0	0	3	0	3
									Total Hours for the WA	10
Direct Labor Cost ($) 2007	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$21.83	$0.00	$21.83
Direct Labor Cost ($) 2008	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$67.45	$0.00	$67.45
Direct Labor Cost ($) 2009	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$69.48	$0.00	$69.48
Direct Labor Cost ($) 2010	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$71.56	$0.00	$71.56
									Total Direct ADminstrative Labor Cost ($)	$230.33

* 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 N D004441
Project Name: Valley Falls Dry Cleaners
Work Assignment No.: D004441-23

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	2,125	$106.25
2)	8.5 x 11 print/copy (color)		$0.75	$/page	230	$172.50
3)	Full Size Construction Drawings (i.e. permit, contract, as-builts)		$1.80	each	0	$0.00
4)	Reproduction - Bid Documents		$0.10	each	0	$0.00
5)	Reproduction - Full Size Construction		$0.30	each	0	$0.00
6)	Report Cover Sets		$1.75	each	10	$17.50
7)	Microcomputer GIS (Arc/info)		$6.25	$/hour	16	$100.00
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	4	$52.00
11)	Equipment Purchased Under Contract		$0.00	Lump Sum	1	$0.00
12)	Consultant Owned Equipment		$1,427.38	Lump Sum	1	$1,427.38
13)	Vendor Rented Equipment		$1,365.00	Lump Sum	1	$1,365.00
14)	Site Dedicated Equipment		$0.00	Lump Sum	1	$0.00
15)	Consumable Supplies		$879.50	Lump Sum	1	$879.50
16)	Shipping - Submittals		$50.00	each	8	$400.00
17)	Shipping - Samples		$50.00	each	12	$600.00
					In-house Costs Total	$5,132.13
B)	**Miscellaneous**					
	Travel:					
	Per diem:	Rensselaer County	$29.25	travel day	13	$380.25
	Per diem:	Rensselaer County	$39.00	day	4	$156.00
	Lodging:	Rensselaer County	$84.00	night	4	$336.00
	Local Mileage:		$0.485	mile	1,500	$727.50
					Miscellaneous Total	$1,599.75
	Total Direct Non-Salary Costs					**$6,731.88**

*See Schedule 2.10(b) for rates.

Work Assignment No. D004441-23

Schedule 2.11(d) 1

Equipment Purchased Under the Contract

Item	Est. Purchase Price ($)	O&M Rate* ($/Month)	Term of Usage (Months)	Est. Usage Cost ($) (Col. 2 + [3 x 4]))
				$0.00
				$0.00
			TOTAL	**$0.00**

* The O&M rate is reimbursable only while the equipment is in the custody of the Engineer.

Work Assignment No. D004441-23

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 2						
Generator 3,000 - 5,000 watts		$45.00 Day			1	$45.00
Solinst 122 or Heron H.01L Interface Probe 100 ft		$45.00 Day			6	$270.00
					Task 2 Total	$415.00
Task 3						
Generator 3,000 - 5,000 watts		$45.00 Day			6	$270.00
Solinst 122 or Heron H.01L Interface Probe 100 ft		$45.00 Day			6	$270.00
Laptop Computer		$3.73 Hour			6	$22.38
MiniRAE 2000 with 10.67 eV Lamp-Datalogging		$75.00 Day			6	$450.00
					Task 3 Total	$1,012.38
					TOTAL	**$1,427.38**

Work Assignment No. D004441-23

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 2				
Grundfos Redi-flo 2" Submersible Pump with Controller	$95.00	day	1	$95.00
Horbia U-22 Water Quality Meter	$100.00	day	1	$100.00
			Task 2 Total	$195.00
Task 3				
Grundfos Redi-flo 2" Submersible Pump with Controller	$95.00	day	6	$570.00
Horbia U-22 Water Quality Meter	$100.00	day	6	$600.00
			Task 3 Total	$1,170.00
			TOTAL	**$1,365.00**

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

Work Assignment No. D004441-23

Schedule 2.11(d) 4

Site-Dedicated Equipment

Item	Estimated Quantity	Unit Cost ($)	Total Budgeted Cost (Col . 2 x 3) ($)
TOTAL			**$0.00**

Work Assignment No. D004441-23

Schedule 2.11(d) 5

Consumable Supplies

Item	Estimated Quantity	Unit Cost ($)	Total Budgeted Cost (Col . 2 x 3) ($)
Task 3			
Field Log Book	1	$18.00	$18.00
Nitrile gloves	3	$17.50	$52.50
Polyethylene tubing	3,060	$0.25	$765.00
Low Value Equipment (field hours)	55	$0.80	$44.00
		TOTAL	**$879.50**

Schedule 2.11(e)

Cost-Plus-Fixed-Fee Subcontracts

Work Assignment Number D004441-23

Name of Subcontractor	**Services to be Performed**	**Subcontract Price**
OM P. Popli, P.E., L.S., P.C.	Surveying Professional Services	$0.00

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 2					
0	#N/A	#N/A	#N/A	0	#N/A
0	#N/A	#N/A	#N/A	0	#N/A
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
#REF!					
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
Total Direct Salary Costs					#N/A

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)
(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
117.00% 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

Item		*Max. Reimbursement Rate (Specify Unit)*		*Est. # of Units*	*Total Estimated Cost*
1) Travel					
Per diem:	Orange County	$44.00	day	#REF!	#REF!
Lodging:	Orange County	$60.00	night	#REF!	#REF!
Local Mileage:		$0.485	mile	#REF!	#REF!
				Travel Total	#REF!
2) Supplies					
					$0.00
					$0.00
				Supplies Total	$0.00
Total Direct Non-Salary Costs					#REF!

D) Fixed Fee 15.00%

The fixed fee is:

Total Fixed Fee	$0.00

Schedule 2.11(e)

Cost-Plus-Fixed-Fee Subcontracts

Work Assignment Number D004441-23

Name of Subcontractor	**Services to be Performed**	**Subcontract Price**
	Engineering Professional Services	$0.00

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.)**
					$0.00
					$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

Item		*Max. Reimbursement Rate (Specify Unit)*		*Est. # of Units*	*Total Estimated Cost*
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
				#REF!	
				Supplies Total	#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 D004441-23

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
0	0	$0.00	$0.00

Item	Max. Reimbursement Rate	(Specify Unit)	Est. No. of Units	Total Est. Cost
0	$0.00	0	0	$0.00

Subtotal Subcontract Price	$0.00
Subcontract Management Fee	$0.00
TOTAL	$0.00

Schedule 2.11(f)

Unit Price Subcontracts
Work Assignment Number D004441-23

Name of Subcontractor	**Services to be Performed**	**Subcontract Price**	**Management Fee**
Hampton-Clarke Veritech	Laboratory Other Analyses	$9,300.00	$465.00

Item	**Max. Reimbursement Rate (Specify Unit)**	**Est. No. of Units**	**Total Est. Cost**
Task 3			
VOC analysis of aqueous samples by USEPA Method 624	$75.00 each	124	$9,300.00
Subtotal Subcontract Price			$9,300.00
Subcontract Management Fee			$465.00
TOTAL			$9,765.00

Schedule 2.11(f)

Unit Price Subcontracts

Work Assignment Number D004441-23

Name of Subcontractor	**Services to be Performed**	**Subcontract Price**	**Management Fee**
Con-Test Analytical	Laboratory Air Analyses	$0.00	$0.00

Item	**Max. Reimbursement Rate**	**(Specify Unit)**	**Est. No. of Units**	**Total Est. Cost**
Task 2				
0	$0.00	0	0	$0.00
Subtotal Subcontract Price				$0.00
Subcontract Management Fee				$0.00
TOTAL				$0.00

Schedule 2.11(f)

Unit Price Subcontracts

Work Assignment Number D004441-23

Name of Subcontractor	**Services to be Performed**	**Subcontract Price**	**Management Fee**
Nancy J. Potak	Data validation	$1,364.00	$68.20

Item	**Max. Reimbursement Rate (Specify Unit)**	**Est. No. of Units**	**Total Est. Cost**
Task 4			
Validation of VOC aqueous samples	$11.00 each	124	$1,364.00
Subtotal Subcontract Price			$1,364.00
Subcontract Management Fee			$68.20
TOTAL			$1,432.20

Schedule 2.11(f)

Unit Price Subcontracts

Work Assignment Number D004441-23

Name of Subcontractor	**Services to be Performed**	**Subcontract Price**	**Management Fee**
Aztech Technologies, Inc.	Monitoring Well Replacement	$13,757.47	$687.87

Item	**Max. Reimbursement Rate**	**(Specify Unit)**	**Est. No. of Units**	**Total Est. Cost**
Task 2				
Mobilization/demobilization HAS	$480.00	lump sum	1	$480.00
Mobilization/demobilization Coring / Bedrock	$600.00	lump sum	1	$600.00
Water Rotary Drilling-6-inch borehole	$60.00	lf	10	$600.00
NX Diamand Conventional Coring	$50.00	lf	30	$1,500.00
Stand-by Time/Decon Time	$135.00	hr	4	$540.00
Stainless steel casing-4 inch	$14.00	lf	105	$1,470.00
Bentonite Grout	$38.50	CF	33.82	$1,302.07
Water supply	$0.25	gallon	2000	$500.00
HSA for installation of up to 5 wells	$1,310.00	day	3	$3,930.00
PVC Well Screen - 2-in., #10 slot, Schedule 40	$5.24	LF	60	$314.40
PVC Casing - 2-in., Schedule 40	$4.25	LF	180	$765.00
Flush Mount Protective Casing - 4-in.	$89.00	ea	6	$534.00
Sand	$12.40	CF	24.19	$299.96
Granular pellets	$91.00	CF	2.44	$222.04
55-gallon drum	$48.00	ea	10	$480.00
Decontamination pad	$220.00	LS	180	$220.00

Subtotal Subcontract Price	$13,757.47
Subcontract Management Fee	$687.87
TOTAL	$14,445.34

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer:	EA Engineering, P.C.	**Page:**	1 of 1
Contract No:	D004441	**Date Prepared:**	5-Mar-08
Project Name:	Valley Falls Dry Cleaners	**Billing Period:**	
Work Assignment No.:	D004441	**Invoice No.**	
Task#/Name:	Summary		
Complete:			

	Expenditure Category	*A* *Costs Claimed This Period*	*B* *Paid To Date*	*C* *Total Disallowed To Date*	*D* *Total Costs Incurred to Date (A+B+C)*	*E* *Estimated Costs To Completion*	*F* *Estimated Total Work Assignment Price (A+B+E)*	*G* *Approved Budget*	*H* *Estimated Under/Over (G-F)*
1	Direct Salary Costs				$0.00		$14,429.97		($14,429.97)
2	Indirect Costs				$0.00		$21,998.49		($21,998.49)
3	Subtotal Direct Salary Costs and Indirect Costs				$0.00		$36,428.46		($36,428.46)
4	Travel				$0.00		$1,599.75		($1,599.75)
5	Other Non-Salary Costs				$0.00		$5,132.13		($5,132.13)
6	Subtotal Direct Non-Salary Costs				$0.00		$6,731.88		($6,731.88)
7	Subcontractors				$0.00		$25,642.54		($25,642.54)
8	Total WA Cost				$0.00		$68,802.88		($68,802.88)
9	Fixed Fee 7%				$0.00		$2,549.99		($2,549.99)
10	Total WA Price				$0.00		$71,352.87		($71,352.87)

Program Manager(Engineer) _____ Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer:	EA Engineering, P.C.	**Page:**	1 of 1
Contract No:	D004441	**Date Prepared:**	5-Mar-08
Project Name:	Valley Falls Dry Cleaners	**Billing Period:**	
Work Assignment No.:	D004441-23	**Invoice No.**	
Task#/Name:	Task 1 - Work Plan Development		
Complete:			

	Expenditure Category	*A* *Costs Claimed This Period*	*B* *Paid To Date*	*C* *Total Disallowed To Date*	*D* *Total Costs Incurred to Date (A+B+C)*	*E* *Estimated Costs To Completion*	*F* *Estimated Total Work Assignment Price (A+B+E)*	*G* *Approved Budget*	*H* *Estimated Under/Over (G-F)*
1	Direct Salary Costs				$0.00		$1,011.69		($1,011.69)
2	Indirect Costs				$0.00		$1,542.32		($1,542.32)
3	Subtotal Direct Salary Costs and Indirect Costs				$0.00		$2,554.01		($2,554.01)
4	Travel				$0.00		$0.00		$0.00
5	Other Non-Salary Costs				$0.00		$269.50		($269.50)
6	Subtotal Direct Non-Salary Costs				$0.00		$269.50		($269.50)
7	Subcontractors				$0.00		$0.00		$0.00
8	Total WA Cost				$0.00		$2,823.51		($2,823.51)
9	Fixed Fee 7%				$0.00		$178.78		($178.78)
10	Total WA Price				$0.00		$3,002.29		($3,002.29)

Program Manager(Engineer) _____ Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer:	EA Engineering, P.C.	**Page:**	1 of 1
Contract No:	D004441	**Date Prepared:**	5-Mar-08
Project Name:	Valley Falls Dry Cleaners	**Billing Period:**	
Work Assignment No.:	D004441-23	**Invoice No.**	
Task#/Name:	Task 2 - Operations and Maintenance		
Complete:			

	Expenditure Category	*A* *Costs Claimed This Period*	*B* *Paid To Date*	*C* *Total Disallowed To Date*	*D* *Total Costs Incurred to Date (A+B+C)*	*E* *Estimated Costs To Completion*	*F* *Estimated Total Work Assignment Price (A+B+E)*	*G* *Approved Budget*	*H* *Estimated Under/Over (G-F)*
1	Direct Salary Costs				$0.00		$2,455.84		($2,455.84)
2	Indirect Costs				$0.00		$3,743.93		($3,743.93)
3	Subtotal Direct Salary Costs and Indirect Costs				$0.00		$6,199.77		($6,199.77)
4	Travel				$0.00		$666.75		($666.75)
5	Other Non-Salary Costs				$0.00		$628.00		($628.00)
6	Subtotal Direct Non-Salary Costs				$0.00		$1,294.75		($1,294.75)
7	Subcontractors				$0.00		$14,445.34		($14,445.34)
8	Total WA Cost				$0.00		$21,939.86		($21,939.86)
9	Fixed Fee 7%				$0.00		$433.98		($433.98)
10	Total WA Price				$0.00		$22,373.84		($22,373.84)

Program Manager(Engineer) _____ Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer:	EA Engineering, P.C.	**Page:**	1 of 1
Contract No:	D004441	**Date Prepared:**	5-Mar-08
Project Name:	Valley Falls Dry Cleaners	**Billing Period:**	
Work Assignment No.:	D004441-23	**Invoice No.**	
Task#/Name:	Task 3 - Monitoring		
Complete:			

	Expenditure Category	*A* *Costs Claimed This Period*	*B* *Paid To Date*	*C* *Total Disallowed To Date*	*D* *Total Costs Incurred to Date (A+B+C)*	*E* *Estimated Costs To Completion*	*F* *Estimated Total Work Assignment Price (A+B+E)*	*G* *Approved Budget*	*H* *Estimated Under/Over (G-F)*
1	Direct Salary Costs				$0.00		$6,115.78		($6,115.78)
2	Indirect Costs				$0.00		$9,323.51		($9,323.51)
3	Subtotal Direct Salary Costs and Indirect Costs				$0.00		$15,439.29		($15,439.29)
4	Travel				$0.00		$933.00		($933.00)
5	Other Non-Salary Costs				$0.00		$3,724.63		($3,724.63)
6	Subtotal Direct Non-Salary Costs				$0.00		$4,657.63		($4,657.63)
7	Subcontractors				$0.00		$9,765.00		($9,765.00)
8	Total WA Cost				$0.00		$29,861.92		($29,861.92)
9	Fixed Fee 7%				$0.00		$1,080.75		($1,080.75)
10	Total WA Price				$0.00		$30,942.67		($30,942.67)

Program Manager(Engineer) _____ Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer:	EA Engineering, P.C.	**Page:**	1 of 1
Contract No:	D004441	**Date Prepared:**	5-Mar-08
Project Name:	Valley Falls Dry Cleaners	**Billing Period:**	
Work Assignment No.:	D004441-23	**Invoice No.**	
Task#/Name:	Task 4 - Reporting		
Complete:			

	Expenditure Category	*A* *Costs Claimed This Period*	*B* *Paid To Date*	*C* *Total Disallowed To Date*	*D* *Total Costs Incurred to Date (A+B+C)*	*E* *Estimated Costs To Completion*	*F* *Estimated Total Work Assignment Price (A+B+E)*	*G* *Approved Budget*	*H* *Estimated Under/Over (G-F)*
1	Direct Salary Costs				$0.00		$4,846.66		($4,846.66)
2	Indirect Costs				$0.00		$7,388.73		($7,388.73)
3	Subtotal Direct Salary Costs and Indirect Costs				$0.00		$12,235.39		($12,235.39)
4	Travel				$0.00		$0.00		$0.00
5	Other Non-Salary Costs				$0.00		$510.00		($510.00)
6	Subtotal Direct Non-Salary Costs				$0.00		$510.00		($510.00)
7	Subcontractors				$0.00		$1,432.20		($1,432.20)
8	Total WA Cost				$0.00		$14,177.59		($14,177.59)
9	Fixed Fee 7%				$0.00		$856.48		($856.48)
10	Total WA Price				$0.00		$15,034.07		($15,034.07)

Program Manager(Engineer) _____ Date: _____

SCHEDULE 2.11(g) - Supplemental

Cost Control Report For Subcontracts

Engineer:	EA Engineering, P.C.	**Page:**	1 of 1
Contract No:	D004441	**Date Prepared:**	5-Mar-08
Project Name:	Valley Falls Dry Cleaners	**Billing Period:**	
Work Assignment No.:	D004441-23	**Invoice No.**	

	Subcontract Name	*A Subcontract Costs Claimed this Application Inc. Resubmittals*	*B Subcontract Costs Approved for Payment on Previous Applications*	*C Total Subcontract Costs to Date (A plus B)*	*D Subcontract Approved Budget*	*E Management Fee Budget*	*F Management Fee Paid*	*G Total Costs to Date (C plus F)*
1	Hampton-Clarke Veritech			$0.00	$9,300.00	$465.00		$0.00
2	Aztech Technologies, Inc.			$0.00	$13,757.47	$687.87		$0.00
3	Nancy J. Potak			$0.00	$1,364.00	$68.20		$0.00
4	TOTALS	$0.00	$0.00	$0.00	$24,421.47	$1,221.07		$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.	**Date Prepared:**	5-Mar-08
Contract No:	D004441	**Billing Period:**	
Project Name:	Valley Falls Dry Cleaners	**Invoice No.:**	
Work Assignment No.:	D004441-23		

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		2.0		0.0		6.0		6.0		25.0		0.0		39.0	
Task 2	0.0		0.0		0.0		3.0		0.0		6.0		16.0		73.0		0.0		98.0	
Task 3	0.0		0.0		0.0		3.0		0.0		18.0		36.0		187.0		0.0		244.0	
Task 4	0.0		0.0		0.0		6.0		0.0		24.0		88.0		39.0		18.0		175.0	
																			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	14.0	0.0	0.0	0.0	54.0	0.0	146.0	0.0	324.0	0.0	18.0	0.0	556.0

* Expended/Estimated

Schedule 2.11(i)

Monthly Cost Control Report
*Equipment Inventory Control Form**

Engineer EA Engineering, P.C. ***Contract No.*** D004441

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

Drilling Bid Unit Price Table
Operation, Maintenance, and Management Work Assignment
Valley Falls Dry Cleaner Site (4-42-028) - Valley Falls, New York

Item	Quantity	Unit	Unit Cost	Subtotal Cost
Mobilization/demobilization - HSA	1	lump sum	$480.00	$480.00
Mobilization/demobilization - Coring / Bedrock Drilling	1	lump sum	$600.00	$600.00
Water Rotary Drilling – 6-in. borehole - to create rock socket for casing	15	LF	$60.00	$600.00
HQ Diamond Wireline Coring	30	LF	$ 50.00	$ 1,500.00
Decon Time - by hour when drilling or coring by the ft	4	hr	$ 135.00	$ 540.00
4" Steel Casing	105	ft	$ 14.00	$ 1,470.00
Tremie Grout in 4' Steel Casing	105	ft	$ 12.40	$ 1,302.00
Water Supply	4	500 gallon tank	$ 125.00	$ 500.00
HSA for installation of up to 5 wells	3	day	$1,310.00	$3,930.00
PVC Well Screen - 2-in., #10 slot, Schedule 40	60	LF	$5.24	$314.40
PVC Casing - 2-in., Schedule 40	180	LF	$4.25	$765.00
Flush Mount Protective Casing - 4-in.	6	ea	$89.00	$534.00
Sand for backfilling	40	bgs	$7.50	$300.00
Granular bentonite for back filling	12	bgs	$18.50	$222.00
55-gallon drum	10	ea	$48.00	$480.00
decontamination pad	1	ea	$220.00	$220.00
			Total	***$13,757.40***

NYSDEC Site: Valley Falls Dry Cleaner

Nancy Potak **EA Project No.: 14474.23**

Analytical Costs

Aqueous/Non Aqueous

Type of Sample	Field Samples	EPA Method	Unit Cost	Subtotal Cost
VOC (aqueous)	124	8260B	$11	$1,364
			Total Cost	***$1,364***

NYSDEC Site: Valley Falls Dry Cleaner
EA Project No.: 14474.23

Analytical Costs

Aqueous/Non Aqueous (Hampton Clarke-Veritech)

Type of Sample	Field Samples	EPA Method	Unit Cost	Subtotal Cost
VOC (aqueous)	124	8260B	$75	$9,300
			Total Cost	***$9,300***

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 D004441 D/C 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:							
Valley Falls Dry Cleaners, Site No. 4-42-028, EA Work Assignment D004441-23							

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	$71,353.00	6.	Total for all Employees	100	10	553
2.	Total Dollar Value of the Prime Contract	100	$71,353.00	7.	Total Goal for Minority Employees	10	0	55
3.	MBE Goal/Amount	15	$10,702.95	8.	Total Goal for Female Employees	10	4	55
4.	WBE Goal/Amount	5	$3,567.65	9.	EEO Combined Totals	20	4	111
5.	MBE/WBE Combined Totals	20	$14,270.60					

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: Address: City: State/Zip Code: Telephone No.:	DATE: **TBD**				
Name: Address: City: State/Zip Code: Telephone No.:	DATE: **TBD**				
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: **Aztech Technologies, Inc.** Address: **5 McCrea Hill Road** City: **Ballston Spa** State/Zip Code: **NY 12020** Telephone No.: **(585)-538-2328**	**$13,757.00** DATE: **TBD**	**Drilling Services**			
Name: **Nancy J. Potak** Address: **PO Box 278** **1796 Craftsbury Road** City: **Greensboro** State/Zip Code: **VT 05841** Telephone No.: **(802)-533-9206**	**$1,364.00** DATE: **TBD**	**Data Validation**			
Name: Address: City: State/Zip Code: Telephone No.:					

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.**

			All Employees		Minority Employees			
Job Categories		**Total Work Hours of Contract**	**Male**	**Female**	**African-American**	**Asian**	**Native American**	**Hispanic**
Officials/ Managers	NSPE VI/V/IV	68	68	0	0	0	0	0
Professionals	NSPE VI/IV/III/II/I	485	373	85	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	27	0	27	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		553	441	112	0	0	0	0