



10/19/98
PROGRAM MANAGEMENT

//

REMEDIAL INVESTIGATION

PROJECT MANAGEMENT WORK PLAN/BUDGET ESTIMATE

WORK ASSIGNMENT D003825-11

**93 MAIN STREET
CITY OF BINGHAMTON (C)**

**SITE NO. 7-04-027
BROOME (C), NY**

Prepared for:
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
50 Wolf Road, Albany, New York

John P. Cahill, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION

URS Greiner Consultants, Inc.
282 Delaware Avenue
Buffalo, New York 14202

**Final
October 1998**



URS Greiner, Inc.
282 Delaware Avenue
Buffalo, New York 14202-1805
Telephone: (716) 856-5636
Facsimile: (716) 856-2545
Offices in Principal Cities Nationwide

October 16, 1998

Raymond E. Lupe, P.E.
Chief, Contract Development Section
Division of Hazardous Waste Remediation
New York State Department of
Environmental Conservation
50 Wolf Road
Albany, New York 12233-7010

**RE: NYSDEC STANDBY CONTRACT W.A. D003825-11
93 MAIN STREET SITE (SITE ID #7-04-027)
FINAL PROJECT MANAGEMENT WORK PLAN/BUDGET, HASP, AND QAPjP
FOR REMEDIAL INVESTIGATION / FEASIBILITY STUDY**

Dear Mr. Lupe:

URSG is pleased to submit six unbound double sided copies of the final Project Management Work Plan/Budget Estimate and six (6) copies of both the Health and Safety Plan (HASP) and Quality Assurance Project Plan (QAPjP) for the remedial investigation at the 93 Main Street site in Binghamton, Broome County, New York.

As always, please contact us if you have any questions.

Very truly yours,

URS GREINER CONSULTANTS, INC.

Charles E. Dugel, Jr.
Project Manager

Enclosure

cc: Mr. James Candiloro - NYSDEC
Mr. John Gorton - URSG
File: 05-35598 (C-1)

URS CONSULTANTS

282 Delaware Avenue
Buffalo, New York 14202 (716)-856-5636

Letter of Transmittal

To: Vicente Alfonso

NYSDEC

50 Wolf Road

Albany, New York 12233

Date: September 25, 1998

Subject: M/WBE UTILIZATION PLAN

From: Tamie Bauer

We are sending you ☒ Attached ☐ Under Separate Cover the following items:

<input type="checkbox"/> Shop Drawings	<input type="checkbox"/> Drawings (Prints)	<input type="checkbox"/> Proposal Request	<input type="checkbox"/> Copy of Letter
<input type="checkbox"/> Product Data	<input type="checkbox"/> Project Manual	<input type="checkbox"/> Change Order	<input checked="" type="checkbox"/> See Below
<input type="checkbox"/> Samples	<input type="checkbox"/> Tracings	<input type="checkbox"/> Technical Specifications	

COPIES	JOB #	CONTRACT	W.A.	DESCRIPTION
1	35598	D003825	11	M/WBE UTILIZATION PLAN

These are transmitted for the following disposition:

<input type="checkbox"/> For Your Approval	<input checked="" type="checkbox"/> For Review and Comment	<input type="checkbox"/> Conform As Is
<input type="checkbox"/> For Your Use and Information	<input type="checkbox"/> For Bidding	<input type="checkbox"/> Conforms As Noted
<input type="checkbox"/> As Requested	<input type="checkbox"/> For Construction	<input type="checkbox"/> Sign and return both copies. One fully executed copy will be returned to you.

Remarks:

Copies to: - J. Candiloro - NYSDEC
J. Gorton / File 05-35598
C. Dusel

TABLE III
CONSULTANT/CONTRACTOR DETAILED MBE/WBE AND EEO UTILIZATION PLAN
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONSULTANT/CONTRACTOR NAME: URS Greiner Consultants, Inc.			
CONTRACT TYPE/NUMBER: D003825		WA 11	
CONTRACT AWARD DATE:			
ADDRESS: 282 Delaware Ave.	CITY: Buffalo	STATE: NY	ZIP CODE: 14202
PROJECT OWNER NAME: New York State Department of Environmental Conservation		PROJECT/GRANT No.:	
ADDRESS: 50 Wolf Rd.	CITY: Albany	STATE: NY	ZIP CODE: 12233
AUTHORIZED REPRESENTATIVE: CHARLES DUSEL		TITLE: Project Manager	
AUTHORIZED SIGNATURE:			
CONTRACT DESCRIPTION: 93 Main Street - Remedial Investigation			

EEO AND MBE/WBE CONTRACT SUMMARY

	%	AMOUNT		%	AMOUNT
1. TOTAL DOLLAR VALUE OF THE PRIME CONTRACT	100%	\$195,686			
2. STATE SHARE AMOUNT	100%	\$195,686			
3. MBE GOAL/AMOUNT	15%	\$29,353	6. BUDGETED MBE	11.5%	\$22,527
4. WBE GOAL/AMOUNT	5%	\$9,784	7. BUDGETED WBE	7.8%	\$15,297
5. MBE/WBE COMBINED TOTALS	20%	\$39,137	8. MBE/WBE COMBINED TOTALS	19.3%	\$37,824

BUREAU 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 INFORMATION	DESCRIPTION OF WORK MBE	PROJECTED MBE CONTRACT AMOUNT AND AWARD DATE	CONTRACT SCHEDULE AND START DATE	CONTRACT PAYMENT SCHEDULE	PROJECT COMPLETION DATE
NAME: Mitkem ADDRESS: 175 Metro Center Blvd. CITY: Warwick STATE/ZIP CODE: RI, 02886 TELEPHONE No.: 401-732-3400	Analytical Laboratory	\$21,735 DATE:			
NAME: The Copy Cat ADDRESS: 1121 Elmwood Ave. CITY: Buffalo STATE/ZIP CODE: NY, 14222 TELEPHONE No.: 716-883-6400	Reproduction	\$792 DATE: As Needed			
NAME: ADDRESS: CITY: STATE/ZIP CODE: TELEPHONE No.:		\$0 DATE:			
NAME: ADDRESS: CITY: STATE/ZIP CODE: TELEPHONE No.:		\$0 DATE:			

**SECTION II - WBE INFORMATION: IN ORDER TO ACHIEVE THE MBE GOALS, NEW YORK STATE CERTIFIED
WOMEN-OWNED FIRMS ARE EXPECTED TO PARTICIPATE IN THE FOLLOWING MANNER.**

WBE FIRM INFORMATION	DESCRIPTION OF WORK WBE	PROJECTED WBE CONTRACT AMOUNT AND AWARD DATE	CONTRACT SCHEDULE AND START DATE	CONTRACT PAYMENT SCHEDULE	PROJECT COMPLETION DATE
NAME: Roger's Fence Company, ADDRESS: PO Box 367, Railroad St. CITY: Poland STATE/ZIP CODE: NY, 13431 TELEPHONE No.: 315-826-3758	Fencing	\$9,897 DATE:			
NAME: Roger's Fence Company, ADDRESS: PO Box 367, Railroad St. CITY: Poland STATE/ZIP CODE: NY, 13431 TELEPHONE No.: 315-826-3758	Site Clearing	\$755 DATE:			
NAME: Geologic NY, Inc. ADDRESS: PO Box 5080 CITY: Cortland STATE/ZIP CODE: NY, 13045 TELEPHONE No.: 607-836-4400	Test Pits	\$3,745 DATE:			
NAME: Geologic NY, Inc. ADDRESS: PO Box 5080 CITY: Cortland STATE/ZIP CODE: NY, 13045 TELEPHONE No.: 607-836-4400	Geoprobe	\$9,000 DATE:			

**PROJECT MANAGEMENT WORK PLAN/BUDGET
FOR THE
REMEDIAL INVESTIGATION
93 MAIN STREET SITE
BINGHAMTON, NEW YORK**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
WORK ASSIGNMENT D003825-11**

OCTOBER 1998

Prepared By:

**URS GREINER CONSULTANTS, INC.
282 DELAWARE AVENUE
BUFFALO, NEW YORK 14202**

drum being spilled behind the 93 Main Street building. In May 1989, the NYSDEC sampled a drum that had been located on the 93 Main Street site, and found it to contain high concentrations of Silvex and 2,4-D. In addition, herbicide spraying equipment was also discovered at the rear of the property.

In 1995, the City, in response to these and other complaints, entered into a Voluntary Cleanup Agreement with the NYSDEC to perform a limited investigation of the site. This investigation focused on the rear of the 93 Main Street building and consisted of collecting groundwater and soil samples. The results of this investigation revealed elevated concentrations of pesticides/herbicides such as chlordane, aldrin, dieldrin, and 2,4,5-T in the site's groundwater and/or soil. In some instances, concentrations exceeded the NYSDEC's groundwater standards by orders of magnitude. Soil guidance value exceedances were also significant. The presence of these pesticides indicate a threat to the area's sole source aquifer and is the basis for the Site's class "2" designation on the State's Registry of Inactive Hazardous Waste Sites.

The two abandoned buildings onsite are scheduled to be demolished by the City of Binghamton this fall. A definite date has not been established.

1.2 Scope of Project

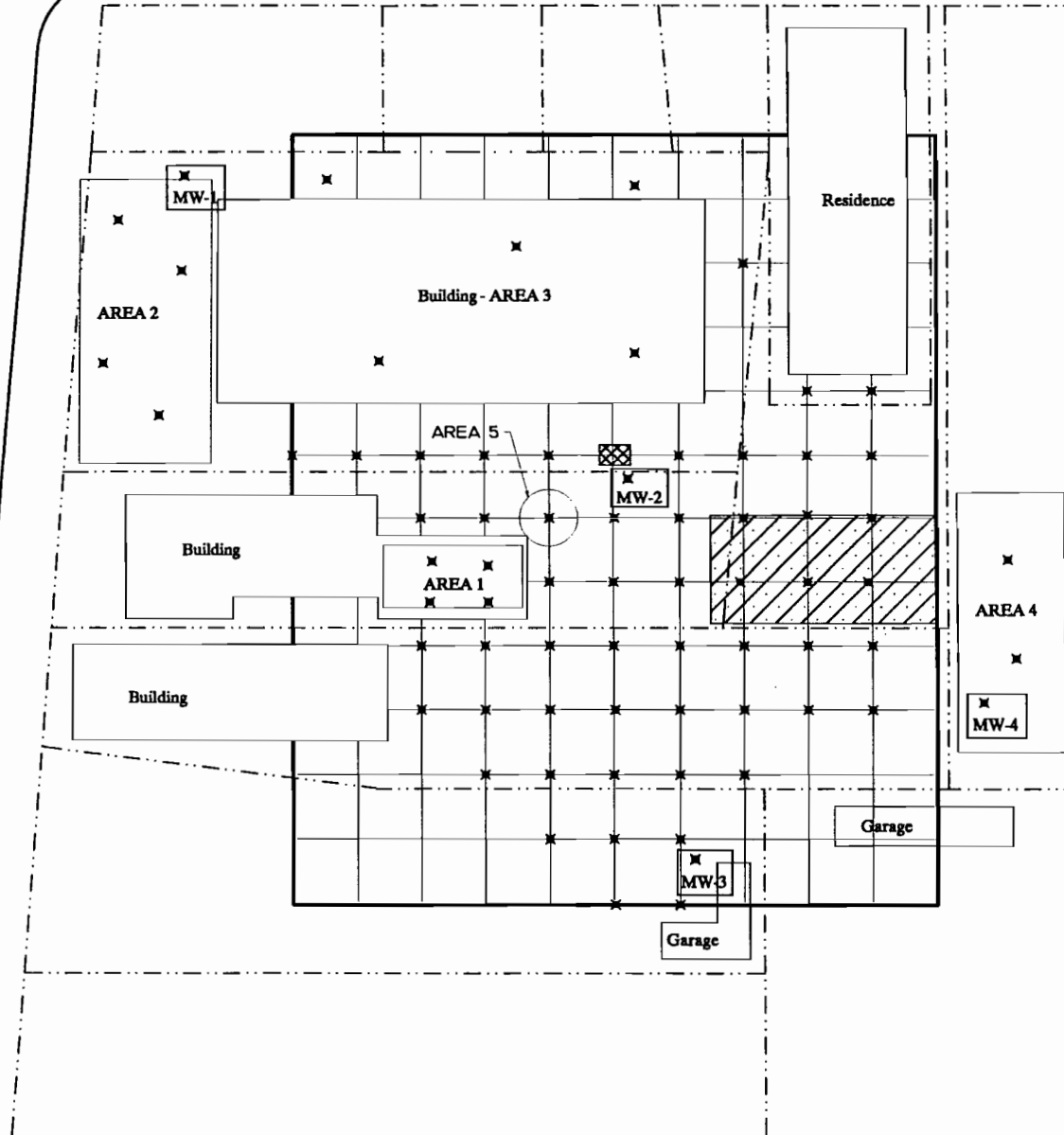
URSG has developed this Project Management Work Plan for the NYSDEC's review and approval. Included herein is a description of major tasks and subtasks; a schedule with milestones and deliverables; a staffing plan; a budget; a minority-/woman-owned business enterprise (M/WBE) utilization plan; and a list of proposed subcontracts.

URSG, as prime contractor, will be responsible for coordinating all subcontractor activities; preparing a draft and final Quality Assurance Project Plan (QAPjP), Health and Safety Plan (HASP), and a Data Usability Summary Report (DUSR); and communicating all contractual and technical issues with NYSDEC.



Arthur Street

Main Street



NOTES:

1. Building locations are approximate.
2. Sample locations are approximate
3. MW locations are approximate
4. Number and placement of sampling points and MWs may be changed by NYSDEC.

93 MAIN STREET
BINGHAMTON, BROOME COUNTY, NEW YORK
SITE No. 7-04-027

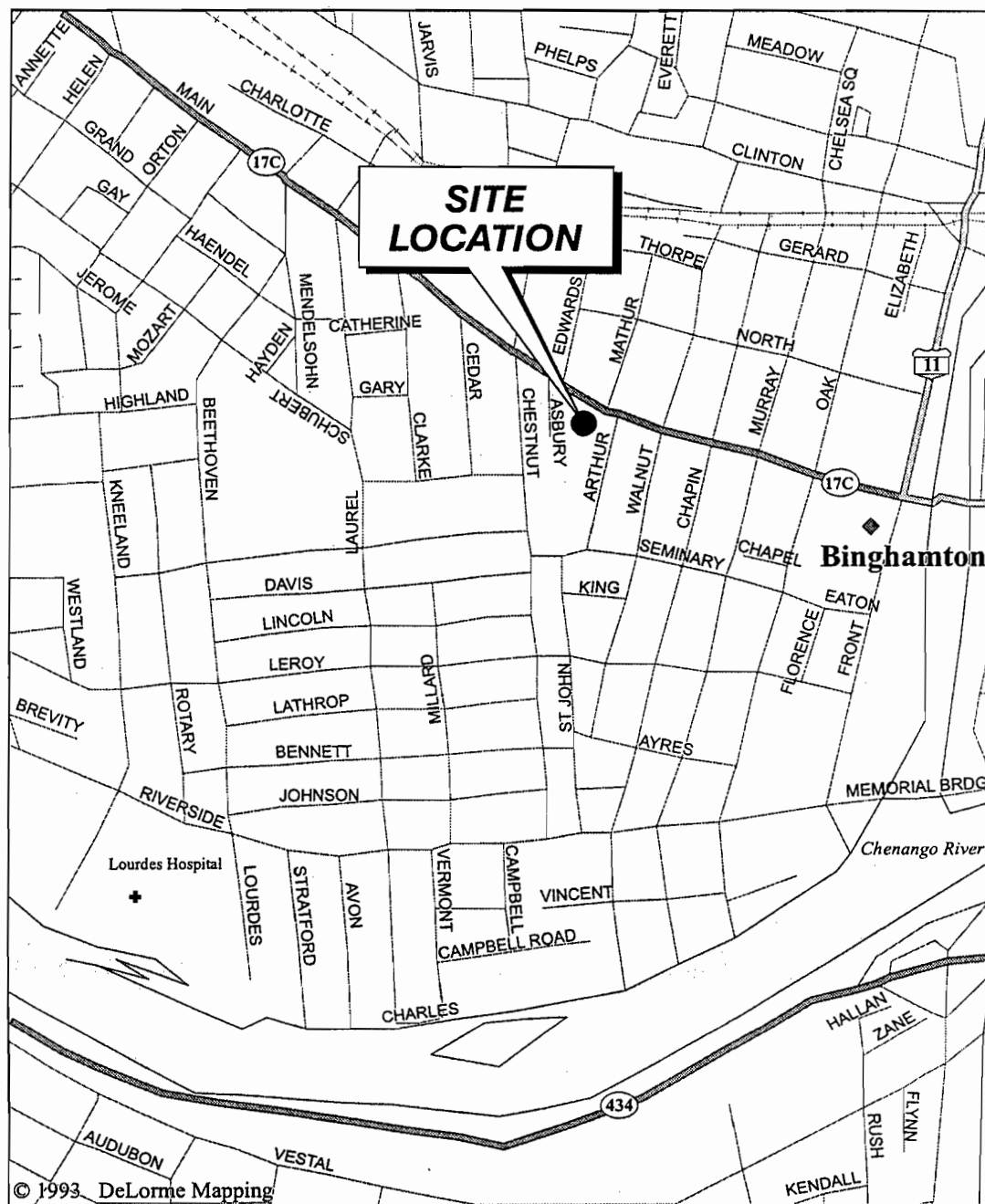
New York State Department of
Environmental Conservation

FILE: 93MAINSITE.DWG DRAWING BY:

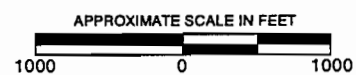
Proposed Sampling
Locations

DATE: 6/30/98

Figure 2



© 1993 DeLorme Mapping



93 MAIN STREET SITE
PROJECT MANAGEMENT WORK PLAN

1.0 INTRODUCTION

This Project Management Work Plan/Budget has been prepared to identify the activities and costs associated with URS Greiner Consultants, Inc. (URSG) providing remedial investigation (RI) services to the New York State Department of Environmental Conservation (NYSDEC) for the 93 Main Street site. It is a Class 2 site, listed on the NYSDEC Registry of Inactive Hazardous Waste Sites (NYSDEC Site No. 7-04-027).

1.1 Site History and Background

The 93 Main Street site consists of two abandoned buildings, an occupied residence and a vacant lot bound by Main Street and Arthur Street in the City of Binghamton, Broome County, New York (Figures 1 and 2). It reportedly was used by the McMahon Brothers Pest Control company as a storage and handling facility for pesticides and equipment between the early 1950s and early 1980s. In 1995, Gaynor Associates of Cortland, NY was hired to perform a Phase II environmental audit on the 93 Main Street property for a financial institution. Soil samples collected in March 1995 from outside the building at 93 Main Street, both from surface soil and from beneath the asphalt in the parking area, revealed elevated concentrations of herbicides and pesticides [including 2,4,5-T at 12,000 micrograms per kilogram ($\mu\text{g}/\text{kg}$); 2,4-D at 4,030 $\mu\text{g}/\text{kg}$; and chlordane at 15,000 $\mu\text{g}/\text{kg}$].

During the investigation, Gaynor reportedly determined that a back area of the building was used by McMahon for pesticide storage and handling. This area had since been converted to apartments, and the concrete floor covered with tile or carpet. During the Gaynor study, strong pesticide odors were noted in the apartments. This building and another on the site are currently abandoned and in a serious state of disrepair.

The NYSDEC investigated complaints that pesticide application equipment and drums containing pesticides were being stored at the 93 Main Street site. There were also allegations of a

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URSG will retain subcontractors to provide fence installation, clearing, and decontamination pad installation, Geoprobe borings, and test pit excavation services; drum and waste disposal services; drilling and monitoring well installations; laboratory analyses; and report reproduction services. All subcontractors will be subject to approval of the NYSDEC before award of subcontract. URSG itself will conduct all project activities not specifically designated to other subcontractors.

We understand the requirements of M/WBE participation and will make good faith efforts to subcontract at least 15 percent and 5 percent of the total contract price to New York State Minority Business Enterprise(s) (MBE) and Women Business Enterprise(s) (WBE), respectively.

2.0 SCOPE OF WORK

This section describes the three major tasks associated with the remedial investigation of the 93 Main Street site. These include work plan/budget preparation, site characterization, waste disposal, and citizen participation.

2.1 Task 1 - Work Plan and Budget Preparation

Subtask A: Scoping the RI

After a review of the background information provided by the Department, URSG and the NYSDEC visited the site on September 1, 1998. The purpose of the site visit was to determine health and safety requirements for the protection of public health and field personnel, and to become familiar with site topography, access/hospital routes, and to define the boundary of the RI. The team consisted of Charles Dusel, URSG Project Manager, and James Candiloro, NYSDEC Project Manager, Bradley Brown, NYSDEC, Tom Sulzzo, NYSDEC, Gary Robinson, NYSDOH, Ron Brink, Broome County Health Department, and George Kisluk, URSG.

A scoping meeting was held on September 10, 1998 by teleconference between URSG and NYSDEC staff to finalize the scope for this project and discuss specific details of the field investigation. This Project Management Work Plan and associated Budget were developed based upon discussions at the site visit and scoping meeting, and NYSDEC's Work Assignment of August 12, 1998.

Subtask B: RI Work Plans

The final plans described below will be prepared by URSG and submitted to the NYSDEC as individual work plans by October 19, 1998. The NYSDEC is responsible for the preparation of the Work Plan.

Quality Assurance Project Plan (QAPjP) - The QAPjP includes quality assurance/quality control (QA/QC) procedures and programs which will be used during the site activities. The sampling and analytical protocols specified in the QAPjP will conform to current the NYSDEC Analytical Services Protocol (ASP), October 1995 edition. It will identify specific methods, audit procedures, and QA/QC requirements for field activities and testing of samples obtained from the site. The presentation of the reporting and deliverables package is described in the QAPjP. Specifically, the QAPjP contains: QA objectives for the required accuracy and precision in completeness, representativeness, comparability, and intended use of the data; sampling custody procedures during sample collection, laboratory analysis, and for final evidence files; the type and frequency of instrument calibration, internal QC checks, and QA performance and systems audits; instrument preventive maintenance procedures, schedules, and corrective action procedures; specific procedures to assess data precision, representativeness, comparability, accuracy, and completeness of specific measurement parameters; and data documentation and tracking procedures.

Health and Safety Plan (HASP) - Our Corporate Health and Safety Procedures Manual meets all current applicable regulatory requirements contained in 29 CFR 1910.120(i)(2) - Occupational Safety and Health Administration (OSHA), Hazardous Waste Operations and Emergency Response, Interim Rule, December 19, 1986; United States Environmental Protection Agency (USEPA) Order 1440.2 - Health and Safety Requirements for Employees Engaged in Field Activities; USEPA Order 1440.3 - Respiratory Protection; USEPA Occupational Health and Safety Manual; and USEPA Interim Standard Operating Procedures (September 1982). A site-specific HASP has been developed from this manual and will be submitted as part of the RI work plans. It specifies levels of respiratory protection and protective clothing for various field activities, and describes support facilities.

2.2 Task 2 - Site Characterization (Remedial Investigation)

During Task 2, URSG will assist the NYSDEC with the field investigation. A field investigation will be performed to determine the horizontal and vertical extent of soil and groundwater contamination and enable the Department's evaluation of remedial alternatives. The investigation will focus upon collecting data necessary for determining the significance of the threat

posed by the site, identifying and characterizing hot spots, and characterizing any off site contaminant migration. The program which follows will generate the necessary data.

The proposed field investigation activities and goals are summarized in Table 1. Specific activities are summarized below:

Subtask A: Literature Search

Pertinent information made available by the Department for the site and site vicinity has been reviewed. Additional resource information will be collected and reviewed that will focus on site ownership and operational history (i.e., when did McMahon purchase property, etc.). URSG will also interview local officials and health department officials in an attempt to identify any historic complaints or actions. It will not include Phase I items such as a ½-mile radius hazardous waste database search. URSG will not review technical information pertaining to the site which the NYSDEC already has access to.

URSG will review available information pertaining to past activities and investigations of the site, including historic aerial photographs, sewer and utility plans from Broome County, and any other information that would provide insight to the hydrogeologic setting or the contamination at the site. A copy of available aerial photographs and all other information obtained by URSG will be supplied to the NYSDEC.

Subtask B: Field Support: Mobilization/Fencing/Clearing

Mobilization of URSG personnel and equipment to the site is anticipated to occur in late-October 1998 following approval of the Project Management Work Plan, QAPjP, and HASP. URSG will provide utility (UFPO) clearance. A subcontractor will install a chain-link fence in accordance with New York State Department of Transportation (NYSDOT) standard specifications for site security and perform limited site clearing. Total fence length will be 500 feet with a height of 8 feet. The installation configuration will be rectangular with two double swing gates (16 feet per opening) at opposite ends of the installation. The subcontractor will obtain all fencing/building

TABLE 1

**93 MAIN STREET SITE RI
SCOPE OF WORK FOR FIELD INVESTIGATIONS**

AREA	GOAL	SCOPE
GEOPROBE SOIL BORINGS	Delineate aerial and vertical extent of contamination.	<ul style="list-style-type: none"> • 60 Geoprobe borings • Immunoassay testing for 2,4-D, chlordane and DDTs with 10% confirmation • Analyze confirmation samples for full TCL (VOA, SVOA, Pesticides/PCB and Metals, including mercury and cyanide) and herbicides.
FILL AREA (South West Side of Site)	Characterize and delineate extent of fill.	<ul style="list-style-type: none"> • Test pits excavated (3 days with a rubber-tired excavator) to delineate and characterize the fill • Analyze up to ten test pit samples for full TCL (VOA, SVOA, Pesticides/PCB and Metals, including mercury and cyanide) and herbicides at the discretion of the NYSDEC
DRY WELL, SURFACE WATER AND SEDIMENT	Evaluate level of contamination in dry well water and sediment.	<ul style="list-style-type: none"> • Sample surface water and sediment in dry well and analyze for full TCL (VOA, SVOA, pesticides/PCBs and metals, including mercury and cyanide) and herbicides.
GROUNDWATER	Evaluate whether site contaminants have impacted groundwater beneath the site and determine/verify groundwater flow direction.	<ul style="list-style-type: none"> • Install five water table monitoring wells; 2" PVC, 0.010" slot x 10' long screens straddling water table; estimated 30' total length per well • Develop monitoring wells. • Sample all five monitoring wells for full TCL organics and metals including mercury and cyanide, and herbicides analyses. • Samples groundwater at geoprobe locations selected by the NYSDEC and analyze for TCL pesticides and herbicides. Approximately 10% will also be analyzed for TCL VOA, SVOAs and metals including mercury and cyanide.

TCL - Target Compound List
VOA - Volatile Organic Analyte
SVOC - Semivolatile Organic Analyte
PCB - Polychlorinated Biphenyl

permits necessary to complete the work. URSG will inspect the installation of the fence and site clearing work. The fencing subcontractor will also perform site clearing to remove vegetation in the southwest area of the site. The vegetation to be cleared consists of weeds, shrubs, and saplings. It is estimated that the clearing can be completed in one day, with a two-person crew. The cleared vegetation will remain on site.

A trailer will be located on site to provide a work area and equipment storage area, and a staging area for sampling activities. Sampling, test pitting, and drilling locations will be chosen and marked as discussed in Subtask D. Site survey and base map development will be initiated during this time. A location for the decontamination pad will be chosen and its construction will be coordinated with the test pit excavation subcontractor.

Subtask C: Site Characterization

Geoprobe Soil and Groundwater Sampling

To delineate the extent of contamination in soils at the site, approximately 60 soil samples will be collected in a grid pattern (20-foot spacing between nodes) in areas of the site centering around the dry well (Figure 2). URSG will provide utility (UFPO) clearance. Soil samples will be obtained using a Macro-Core soil sampler. Approximately 45 of the borings will be advanced to a maximum depth of approximately 25 feet below ground surface (to the water table surface). At approximately 15 of the 60 locations, the borings will be advanced 3 to 5 feet below the water table (bottom depth approximately 30 feet below grade) for the collection of groundwater screening samples. The groundwater samples will be collected using a check valve and a stainless-steel Geoprobe Mini-Bailer for the collection of groundwater samples. Groundwater samples collected using a Geoprobe will be at locations selected by the Department. The groundwater samples will be analyzed for target compound list (TCL) pesticides and herbicides. Approximately 10% also will be analyzed for the full TCL organics and inorganics. A concrete drill bit will be required at approximately seven locations to facilitate soil sampling below the building foundation. A second mobilization and sampling event may be required in the spring of 1999 if the building demolition is delayed, in order to complete the soil sampling program.

The Geoprobe subcontractor will supply acetate sample liners and end caps for soil sample storage. All completed probe holes will be backfilled with bentonite (pellets, granular, or powdered) to within 6 inches of the ground surface. The remaining void space will be filled with surrounding soils or backfilled with cement. Soil samples locations and sample depths will be determined in the field under the direction of the NYSDEC. The soil samples will be analyzed on site for 2,4-D, DDTs, and chlordane with semi-quantitative immunoassay test kits. Approximately 10 percent of the samples will be split and sent to an offsite laboratory for confirmatory NYSDEC TCL organics and inorganics, and herbicides analyses in accordance with the requirements as discussed in the project QAPjP. At the scoping meeting, the NYSDEC requested an expedited turnaround time for the herbicide and pesticide confirmation samples. The quickest turnaround time for herbicides URSG was able to obtain from the standby laboratories was 10 business days, due to the extensive extraction procedures for herbicides and workloads.

Drywell Sediment and Water Samples

One water and sediment sample will be collected from the dry well and analyzed for the TCL organics and inorganics, and herbicides.

Site Health and Safety Monitoring

The Health and Safety Officer will perform air monitoring at the site during test trenching and drilling activities (approximately two weeks). Air monitoring will consist of both real time measurements and time weighted average (TWA) measurements. A complete discussion of the site health and safety monitoring is provided in the Health and Safety Plan. During Geoprobe activities, real time air monitoring will be performed (i.e., PID) at the borehole.

Test Pit Excavation

A rubber-tired excavator will be utilized for three days to excavate test pits in the suspected disposal area at the southwestern end of the site and to investigate anomalies found in the magnetic survey performed by Gaynor Associates, Inc. (Pre-RI/FS Sampling and Data Summary for the 93

Main Street site, NYSDEC July 1998). Additional test pits will be excavated at locations determined during the investigation by the NYSDEC/URSG site representatives and recorded on field logs. The test pits are anticipated to be approximately 3 feet wide and up to 15 feet deep. The length of the pits will vary depending upon the materials encountered. Up to ten samples will be collected from test pits for analysis. The ten samples will be analyzed for TCL organics and inorganics, and herbicides.

Monitoring Well Installation

Monitoring Wells: Five water table monitoring wells will be installed at locations determined by the NYSDEC which will serve as permanent groundwater measurement and sample points. The wells will be installed in boreholes advanced using 4¼-inch inner diameter (ID) hollow-stem augers. Continuous soil sampling using 2-inch outer diameter (OD) split-spoon samples will be conducted at each boring location to characterize site stratigraphy. Samples from the boreholes will be collected and archived on site.

Upon boring completion, 2-inch ID Schedule 40 polyvinyl chloride (PVC) monitoring wells will be installed through the augers. Screens will be 10-foot in length with 0.010-inch machined slots. An appropriately sized clean silica sandpack will be placed around and 2 feet above the screen. A bentonite pellet seal, 2 feet in thickness, will be placed above the sandpack. The remainder of the borehole will be tremie-grouted to the surface with cement-bentonite grout. Wells will be completed at grade with steel flush-mount casings.

Well Development and Groundwater Sampling

Well Development - All monitoring wells installed during this RI will be developed to yield relatively turbid-free discharge, nephelometric turbidity units 50 (NTUs) or less, if possible. A minimum of three well volumes will be purged per well and well development will continue until specific conductance, pH, and temperature have stabilized. If it becomes apparent that excessive amounts of water need to be removed to achieve these goals, the NYSDEC representative will be consulted. All development water will be containerized and disposed of properly, based on analytical results.

Groundwater Sampling: Groundwater samples will be collected from the five new wells and will be analyzed for TCL volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides/polychlorinated biphenyls (PCBs), herbicides and metals.

Water levels in the monitoring wells will be monitored during development and sampling.

Subtask D - Site Survey and Base Map Development

URSG will conduct field surveys for the purpose of establishing property boundaries, preparing a topographic base map, and locating areas of study established during the field investigation. The methodologies and deliverables for these surveys are detailed below.

Prior to conducting any survey and mapping activities, URSG will establish overall project survey control. Permanent on site monuments for use during all survey and mapping activities will be established using conventional survey methods or global positioning systems (GPS). The control points will be set on or near the site and will permanent in their composition. Iron rods with caps, railroad spikes or large P-K nails may be used. Reference sketches will be prepared which show measurements from the control points to permanent features. The sketches will allow for future recovery and use of the control points. Datums used for all survey and mapping be based upon the following:

Horizontal Control: New York State Plane Coordinate System Central Zone, North American Datum of 1983.

Vertical Control: North American Vertical Datum of 1988

All maps created during this project will be delivered to the NYSDEC in hard copy and in electronic file format, both prepared using AutoCAD R14. All survey and mapping will be performed under the direct supervision of a New York State- licensed land surveyor.

Boundary Survey

URSG will perform the research and field work necessary to establish boundaries of the site and any adjacent property as needed. Standards applicable to urban surveys, as established by the New York State Education Department and the New York State Association of Professional Land Surveyors (NYSPLS) will be followed for boundary establishment. The property lines established will be shown as a separate drawing, prepared at a convenient scale, and will be signed and sealed by the supervising licensed surveyor. Property lines also shall be shown for reference on other drawings prepared for this project.

Topographic Map

URSG will perform a field survey to locate physical aboveground features on the site and adjacent properties. Features to be surveyed would include, but not be limited to, buildings, pavements, landscaping, aboveground utilities, and changes in grade. Subsurface utility features will be shown in their approximate location, based upon information provided to URSG by the utility owner. Sufficient data will be gathered to allow for the development of a topographic base map, at a scale of 1 inch equal to 20 feet with a 1-foot contour interval.

Field Investigation Locations

URSG will perform a field survey to establish locations of the following areas of study:

- Soil borings
- Geoprobe sample points
- Test pits
- Monitoring wells
- Dry well

These and other surveyed points will be shown on the topographic maps which will be provided to the Department.

Subtask E: Data Validation/Report

Quality assurance and quality control procedures associated with the environmental sampling and analytical program will be as specified in the Quality Assurance Project Plan. The laboratory will be required to meet ASP 1995 requirements and provide appropriate deliverables (i.e., hard copy and electronic format).

Data validation for the sampling and analysis will include a limited review of holding times, completeness of all required deliverables; a review of QC results (surrogates, spikes, duplicates) to determine if the data is within the protocol required limits and specifications; and a determination that all samples were analyzed using established and agreed upon protocols. If this initial data review reveals significant deviations and problems with the analytical data, URSG may recommend a complete validation of the data.

The field and laboratory data will be assessed and a Data Usability Summary Report (DUSR) will be submitted, complete with data validation and recommendations on data usability and corrective actions for non-compliant data. The data also will be submitted in an electronic ASCII quoted Comma Delimited Format.

2.3 Task 3 - Waste Disposal

This task is added to provide for the management of investigative-derived wastes that are generated as a result of site investigation activities. All decontamination fluids, well development water, and monitoring well borings will be containerized in drums and staged on site. Sampling/waste hauling/disposal will be coordinated by URSG through competitive bidding in accordance with the Standby Contract and subject to the Department's approval. Thirty (10 soil, 20 water) drums are assumed to require disposal for budgeting purposes estimated using the *Environmental Restoration Unit Cost Book*, Echols 1995.

2.4 Task 4: Citizen Participation

URSG will be prepared to attend two public meetings in Binghamton, NY to be scheduled at the discretion of the NYSDEC.

3.0 PROJECT SCHEDULE

The scope of the project also includes developing a schedule. Table 2 presents the proposed work assignment elements and milestones for the 93 Main Street site RI. The schedule indicates time frames for all project tasks, as well as project milestone completion dates. The schedule for the URSG project work is presented in Figure 3 and Table 2.

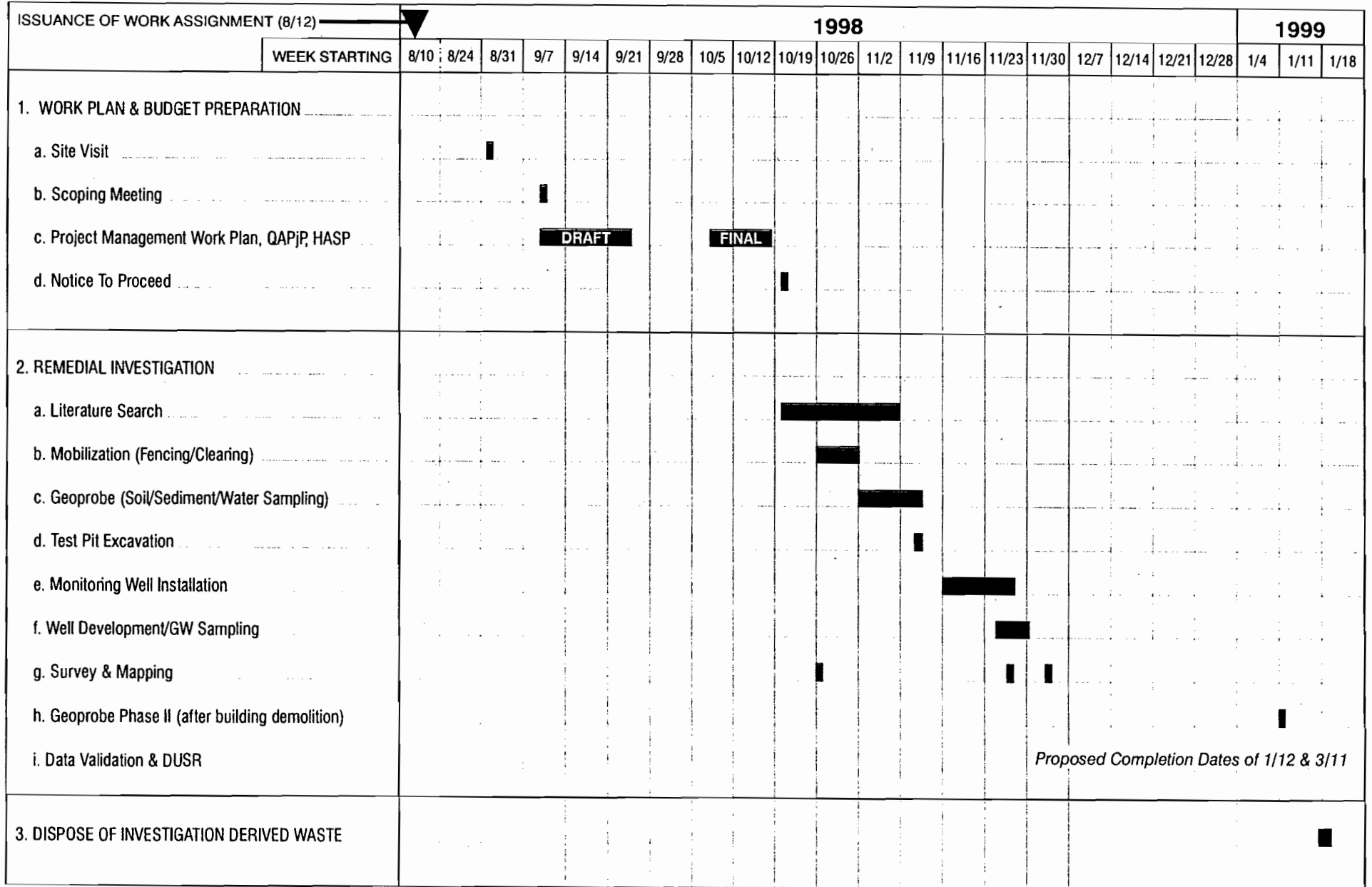


TABLE 2

**93 MAIN STREET SITE RI
PROJECT SCHEDULE AND MILESTONES**

WORK ASSIGNMENT ELEMENT	DATE
1. Issuance of Work Assignment	7/28/98
2. Site Visit	9/1/98
3. Scoping session by teleconference	9/10/98
4. Submittal of QAPjP, HASP, and Project Management Work Plan/Budget	9/24/98
5. Notice to Proceed	10/22/98
6. Start of Field Work	10/26/98
7. Completion of Field Work	5/1/99*

* Depends on building demolition

SCHEDULE 2.11(a)

**Summary of Work Assignment Price
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11**

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	\$33,092
2) Indirect Costs (Schedule 2.10(g))	\$40,041
3) Direct Non-Salary Costs (Schedules 2.10(d)(e)(f) and 2.11(c)(d))	\$16,448

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

Name of Subcontractor	Services to be Performed	Subcontract Price
None		\$0
4) Total Cost-Plus-Fixed-Fee Subcontracts		\$0

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

Name of Subcontractor	Services to be Performed	Subcontract Price
A) The Copy Cat (MBE)	Reproduction	\$792
B) Portable Space	Trailer Rental	\$785
C) Strategic Diagnostics	Immunoassay Test Kits For Herb/Pest	\$6,593
D) GeoLogic NY, Inc. (WBE)	Test Pit Excavation	\$3,745
E) Roger's Fence Company (WBE)	Install Fencing/Clearing	\$10,652
F) TBD	Waste Hauling/Drum Staging/Disposal	\$16,000
G) Mitkem Corp. (MBE)	Offsite Analytical Services	\$33,760
H) Buffalo Drilling	Monitoring Well Installation	\$9,013
I) GeoLogic NY, Inc. (WBE)	Geoprobe	\$9,000
J) esa Laboratories, Inc.	Air Monitoring Analysis	\$1,815
5) Total Unit Cost Subcontracts		\$92,155
6) Subcontract Management Fee		\$2,719
7) Total Subcontract Costs (lines 4 + 5 + 6)		\$94,873
8) Fixed Fee (Schedule 2.10(h))		\$8,776
9) Total Work Assignment Price (lines 1 + 2 + 3 + 7 + 8)		\$193,230

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>
*Avg. Salary Rate (\$) (Year_1997-98__)	\$49.73	\$43.95	\$37.00	\$29.85	\$24.50	\$20.48	\$17.33	\$14.35	\$11.71	\$8.55	
*Avg. Salary Rate (\$) (Year_1998-99__)	\$51.47	\$45.49	\$38.30	\$30.89	\$25.36	\$21.19	\$17.94	\$14.86	\$12.12	\$8.85	
Task 1 - Work Plans 97-98 Rates	4	5	68	45	4	64	33	24		11	258
Task 2 - Site Characterization 97-98 Rates	1	1	12	3		8		40			65
Task 2 - Site Characterization 98-99 Rates	2	8	44	165		348	112	310	186		1175
Task 3 - Waste Disposal 98-99 Rates	1		4			16		12			33
Task 4 - Citizen Participation 98-99 Rates			20						4		24
Total Hours	8	14	148	213	4	436	145	386	190	11	1555
Total Direct Labor Cost (\$)	\$403	\$628	\$5,564	\$6,530	\$98	\$9,188	\$2,581	\$5,703	\$2,303	\$94	\$33,092

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

4.0 IDENTIFICATION OF AREAS REQUIRING SUBCONTRACTING

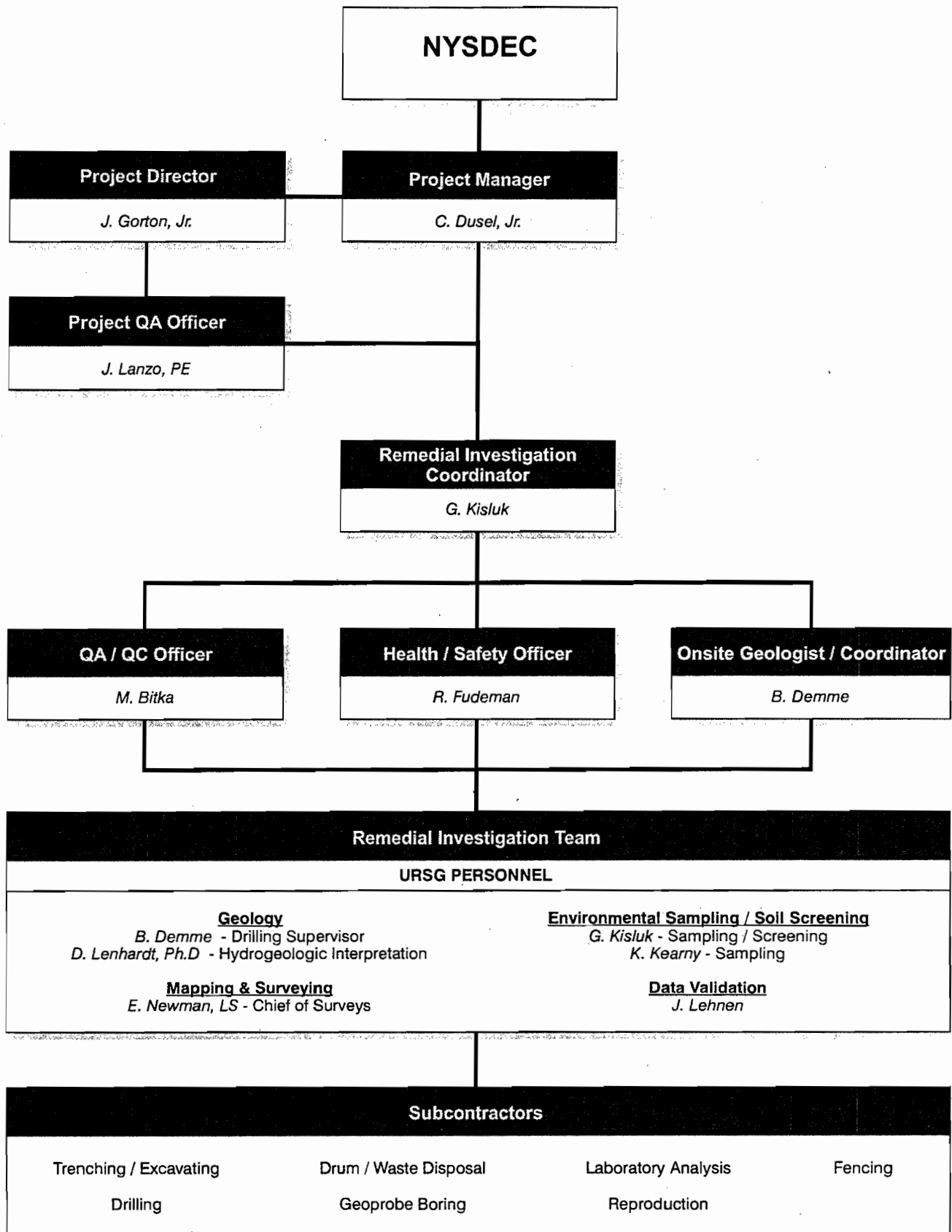
URS Greiner Consultants, Inc. Has identified the following portions of the work under this contract as requiring subcontracting:

- Fence installation and clearing
- Geoprobe borings
- Test pit excavation
- Drum and waste disposal
- Drilling and monitoring well installations
- Laboratory analyses
- Reproduction, printing, and binding

5.0 STAFFING PLAN/KEY PERSONNEL

The proposed management plan for this project is illustrated in Figure 4. The responsibilities of each project position is described below. The resumes of key personnel who will fill these positions are on file with the Department.

- The Project Director (J. Gorton) is the URSG corporate officer responsible for assuring the availability of resources and overall project performance, and representing URSG in all contractual matters with NYSDEC.
- The Project Manager (C. Dusel) will be responsible for technical and financial management of the project, and for overall coordination and review of component work activities. The Project Manager will serve as the initial and primary contact with the NYSDEC throughout the project.
- The Project Quality Assurance Officer (J. Lanzo, P.E.) will ensure that all project deliverables undergo a thorough QA review by senior staff members, qualified and experienced in appropriate disciplines.
- The Remedial Investigation Coordinator (G. Kisluk) will be responsible for coordination of all site work.
- The Health/Safety Officer and Quality Assurance/Quality Control Coordinator (R. Fudeman and M. Bitka, respectively) will coordinate the development of the Health/Safety and QA/QC Plans, and will provide technical guidance and input to their implementation. The Health/Safety Officer also will provide onsite air monitoring services during test trenching and drilling activities.
- The Onsite Geologist/Field Coordinator (B. Demme) will provide overall supervision and coordination of all field activities. The Onsite Geologist/Field



Coordinator will be responsible for implementing the URSG Health and Safety Plan providing logistical support services as necessary, and utility clearances.

6.0 PROJECT COST

An estimate of the project cost is presented in Appendix A. Separate letters with subcontractor quotes and recommendations for subcontractor selection will be sent to the Department for approval.

APPENDIX A

PROJECT COST ESTIMATE

SCHEDULE 2.11(backup)

DIRECT LABOR COSTS BUDGETED

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin	TOTALS
Average 1997-98 Rates	\$49.73	\$43.95	\$37.00	\$29.85	\$24.50	\$20.48	\$17.33	\$14.35	\$11.71	\$8.55	
Average 1998-99 Rates	\$51.47	\$45.49	\$38.30	\$30.89	\$25.36	\$21.19	\$17.94	\$14.86	\$12.12	\$8.85	
Task 1 - Work Plans 97-98 Rates	\$198.92	\$219.75	\$2,516.00	\$1,343.25	\$98.00	\$1,310.72	\$571.89	\$344.40		\$94.05	\$6,697
Task 2 - Site Characterization 97-98 Rates	\$49.73	\$43.95	\$444.00	\$89.55		\$163.84		\$574.00			\$1,365
Task 2 - Site Characterization 98-99 Rates	\$102.94	\$363.92	\$1,685.20	\$5,096.85		\$7,374.12	\$2,009.28	\$4,606.60	\$2,254.32		\$23,493
Task 3 - Waste Disposal 98-99 Rates	\$51.47		\$153.20			\$339.04		\$178.32			\$722
Task 4 - Citizen Participation 98-99 Rates			\$766.00						\$48.48		\$814
Total Hours	\$403.06	\$627.62	\$5,564.40	\$6,529.65	\$98.00	\$9,187.72	\$2,581.17	\$5,703.32	\$2,302.80	\$94.05	\$33,092

Schedule 2.11(b-1)

Direct Administrative Labor Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin	Total No. of Direct Labor Hrs.
Task 1 - Work Plans 97-98 Rates	3	2	16	1				6		4	32
Task 2 - Site Characterization 97-98 Rates		2	9	2			2	4	14		33
Task 2 - Site Characterization 98-99 Rates											
Task 3 - Waste Disposal 98-99 Rates											
Task 4 - Citizen Participation 98-99 Rates											
Total Hours	3	4	25	3			2	10	14	4	65

Contract/Project administrative hours would include but not necessarily be limited to the following activities

- 1) Work Plan Development
 - Conflict of Interest Check
 - Develop budget schedules and supporting documentation
- 2) Review Work Assignment (WA) Progress
 - Conduct progress reviews
 - Prepare monthly project report
 - Update WA progress schedule
 - Prepare monthly M/MBE Utilization Report
- 3) Review Work Assignment Costs

- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
- NSPE list updates
- Equipment Inventory
- 5) Manage subcontracts
- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews

Contract/Project administrative hour would not include activities such as:

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

SCHEDULE 2.11(c)

Direct Non-Salary Costs
Work Assignment D003825-11

Item	Max Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Estimated Cost \$
A) SAMPLE ANALYSIS RATE			
NONE			
B) MISCELLANEOUS			
1 MILEAGE	\$0.31 /MILE	4840	\$1,500.40
2 CAR RENTAL	\$50.00 /DAY	32	\$1,600.00
3 PER DIEM HOTEL	\$54.00 /DAY	66	\$3,564.00
4 PER DIEM MEALS	\$34.00 /DAY	66	\$2,244.00
5 GAS	\$50.00 /L.S.	4	\$200.00
6 TOLLS	\$1.00 /L.S.	60	\$60.00
9 PHOTO	\$50.00 /L.S.	1	\$50.00
25 BLUE PRINTS	\$50.00 /L.S.	1	\$50.00
Total Direct Non-Salary Costs			\$9,268.40

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])
None				
TOTAL:				\$0.00

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

Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Max. Reimbursement Rate (\$)*	Est. Usage (Unit of Time)	Est. Rental Cost (\$) (Col. 2 x 3)
GENERATOR	\$50.00	20	\$1,000
AIR SAMPLING PUMPS	\$325.00	2	\$650
MINIRAM	\$210.00	2	\$420
PORT-O-LET	\$75.00	2	\$150
TOTAL:			<u>\$2,220.00</u>

Schedule 2.11(d) 2

Maximum Reimbursement Rates For Consultant Owned Equipment

Item	Purchase Price x 85%	Usage Rate* (\$/Day)	Capital Recovery Rate (\$/Day)	O & M Rate (\$/Unit of Time)	Est. Usage Days	Est. Usage Cost (\$) (Col. 3 x 6)
GPS UNIT	\$55,195.00	\$135.00	\$105.00	\$30.00	1	\$135.00
WATERA PUMP	\$2,635.00	\$16.00	\$7.00	\$9.00	8	\$128.00
PID	\$4,127.00	\$45.00	\$22.00	\$23.00	20	\$900.00
THEODOLITE (WILD T-2000)	\$10,000.00	\$40.00	\$30.00	\$10.00	7	\$280.00

TOTAL: \$1,443.00

* Usage Rate = Capital Recovery Rate + O&M Rate.

* The maximum usage rate for an item of equipment reverts to the O&M rate when the total capital recovery reimbursement rate exceed 85% of the purchase price.

Site-Dedicated Equipment

<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit Cost (\$)</u>	<u>Total Budgeted Cost (Col. 2 x 3) (\$)</u>
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None			
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TOTAL:			<u>\$0.00</u>
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Consumable Supplies

Item	Estimated Quantity	Unit Costs (\$)	Total Budgeted Cost (Col. 2 x 3) (\$)
* pH/CON./TEMP./TURB. METER	200 Hours	\$0.80	\$160
DISPOSABLE BAILERS	5 Each	\$10.00	\$50
HDPE TUBING	200 Feet	\$0.14	\$28
H&S LEVEL "D" PPE	69 Manday	\$13.00	\$897
H&S LEVEL "C" PPE	16 Manday	\$27.00	\$432
ORANGE FENCING & POSTS	1 L.S.	\$250.00	\$250
MISC SAMPLING EQUIPMENT	2 Each	\$150.00	\$300
WINDSOCK	1 Each	\$100.00	\$100
FEDERAL EXPRESS	16 Each	\$75.00	\$1,200
MISC	1 Each	\$100.00	\$100
TOTAL:			<u>\$3,517.00</u>

* TWO PEOPLE, 2-50 HOUR WEEKS

Schedule 2.11(f) (1 of 4)

**Unit Price Subcontracts
Work Assignment D003825-11**

A. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
The Copy Cat (MBE)	Reproduction	\$792	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Photocopies	\$0.06 /Page	12000	\$720
Binding	\$3.00 /Each	24	\$72

Subtotal Subcontract Price	\$792
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Subcontract Management Fee

TOTAL	\$792
--------------	--------------

B. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Portable Space	Trailer Rental	\$785	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Delivery/setup/takedown/pickup	\$250.00 /L.S.	1	\$250
Trailer Rental	\$185.00 /Month	2	\$370
Steps	\$20.00 /Month	2	\$40
Tax	\$22.50 /Month	2	\$45
Block and Level	\$80.00 /L.S.	1	\$80

Subtotal Subcontract Price	\$785
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Subcontract Management Fee

TOTAL	\$785
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Schedule 2.11(f) (2 of 4)

**Unit Price Subcontracts
Work Assignment D003825-11**

C. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Strategic Diagnostics	Immunoassay Test Kits For Herb/Pest	\$6,593	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
2,4-d Test Kit	\$525.00 /Each	1	\$525
Extraction Kits	\$120.00 /Each	5	\$600
DDT Test Kit	\$315.00 /Each	5	\$1,575
Extraction Kits	\$97.00 /Each	5	\$485
Chlordane Test Kit	\$315.00 /Each	5	\$1,575
Extraction Kits	\$102.00 /Each	5	\$510
Spectrophotometer with Magnetic Rack & Vortex	\$800.00 /Month	1	\$800
Tips (96 pack)	\$6.90 /Each	1	\$7
repipet tips	\$1.20 /Each	6	\$7
2,4 Diluent	\$12.00 /Each	2	\$24
Dilution Kit	\$60.00 /Each	2	\$120
Shipping and Handling	\$365.00 /L.S.	1	\$365
Subtotal Subcontract Price			\$6,593
Subcontract Management Fee			
TOTAL			\$6,593

D. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Geologic NY, Inc. (WBE)	Test Pit Excavation	\$3,745	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Mob/Demob	\$100.00 /L.S.	1	\$100
Backhoe, 2 Man Crew (Level D)	\$1,100.00 /Day	3	\$3,300
Steam Cleaner	\$85.00 /Day	3	\$255
Decon Pad	90 /L.S.	1	\$90
Subtotal Subcontract Price			\$3,745
Subcontract Management Fee			
TOTAL			\$3,745

Schedule 2.11(f) (3 of 4)

**Unit Price Subcontracts
Work Assignment D003825-11**

E. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Roger's Fence Company (WBE)	Install Fencing/Clearing	\$10,652	\$479

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Install 500 LF of Chain Fence	\$9,897.00 /L.S.	1	\$9,897
Site Clearing	\$755.00 /Day	1	\$755

Subtotal Subcontract Price	\$10,652
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Subcontract Management Fee	\$479
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TOTAL	\$11,131
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F. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
TBD	Waste Hauling/Drum Staging/Disposal	\$16,000	\$720

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Waste/Soil Drums	\$750.00 /EA	10	\$7,500
Waste Water Drum	\$425.00 /EA	20	\$8,500

Subtotal Subcontract Price	\$16,000
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Subcontract Management Fee	\$720
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TOTAL	\$16,720
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G. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Mitkem Corp. (MBE)	Offsite Analytical Services	\$33,760	\$1,519

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Soil: Target Compound List (TCL)			
Volatiles plus TICs	\$110.00 /Sample	22	\$2,420
TCL Semivolatiles Plus TICs	\$225.00 /Sample	22	\$4,950
TCL Pesticides/PCBs	\$150.00 /Sample	31	\$4,650
TCL Metals plus Mercury plus Cyanide	\$140.00 /Sample	21	\$2,940
Herbicides	\$200.00 /Sample	29	\$5,800
Groundwater:			
Volatiles plus TICs	\$110.00 /Sample	14	\$1,540
TCL Semivolatiles Plus TICs	\$200.00 /Sample	11	\$2,200
TCL Pesticides/PCBs	\$140.00 /Sample	24	\$3,360
TCL Metals plus Mercury plus Cyanide	\$130.00 /Sample	10	\$1,300
Herbicides	\$200.00 /Sample	23	\$4,600
Expedited turnaround time			
Herbicides 10% for 2 weeks	\$20.00 /Sample	3	\$60.00
Pesticides 50% for 2 days	\$75.00 /Sample	3	\$225.00

Subtotal Subcontract Price	\$33,760
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Subcontract Management Fee	\$1,519
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TOTAL	\$35,279
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Schedule 2.11(f) (4 of 4)

**Unit Price Subcontracts
Work Assignment D003825-11**

H. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Buffalo Drilling	Monitoring Well Installation	\$9,013	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Mob	\$200.00 /L.S.	1	\$200
Per Diem	\$100.00 /PERSON/DAY	6	\$600
4.25 inch ID Hollow Stem Augers	\$9.00 /L.F.	150	\$1,350
Split Spoon Sampling 2 Inch OD	\$7.50 /EA	75	\$563
2 Inch ID. #10 Slot	\$12.50 /L.F.	50	\$625
2 Inch ID.	\$8.00 /L.F.	100	\$800
Flush Mount 8.0 Inch Protector	\$150.00 /EA	5	\$750
DOT Approved 55 Gallon Drums	\$45.00 /EA	30	\$1,350
Moving 55 Gallon Drums	\$125.00 /HR	5	\$625
Decontamination Pad	\$400.00 /L.S.	1	\$400
Decontamination Of Equipment	\$125.00 /HR	8	\$1,000
Steam Cleaner Rental	\$125.00 /DAY	6	\$750
Subtotal Subcontract Price			\$9,013
Subcontract Management Fee			<hr/>
TOTAL			\$9,013

I. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
GeoLogic NY, Inc. (WBE)	Geoprobe	\$9,000	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Mobilization/Demobilization	No Charge	2	
Geoprobe, 10 hrs/day (Level D)	\$900.00 /DAY	10	\$9,000
Subtotal Subcontract Price			\$9,000
Subcontract Management Fee			<hr/>
TOTAL			\$9,000

J. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
esa Laboratories, Inc.	Air Monitoring Analysis	\$1,815	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Nuisance dust analysis	\$18.50 /Each	20	\$370
Aromatic Hydrocarbon analysis	\$72.25 /Each	20	\$1,445
Subtotal Subcontract Price			\$1,815
Subcontract Management Fee			<hr/>
TOTAL			\$1,815

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Greiner Consultants, Inc.
 Contract Number DO03825
 93 Main Street Site - Remedial Investigation
 Work Assignment D003825-11
 All Tasks
 Complete %

Page_1 of _7
 Date Prepared 10/16/98
 Billing Period
 Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$33,092	\$33,092
2. Indirect Costs (1.21%)							\$40,041	\$40,041
3. Subtotal Direct Salary Costs and Indirect Costs							\$73,133	\$73,133
4. Travel							\$9,168	\$9,168
5. Other Non-Salary Costs							\$7,280	\$7,280
6. Subtotal Direct Non- Salary Costs							\$16,448	\$16,448
7. Subcontractors							\$94,873	\$94,873
8. Total WA Cost							\$184,454	\$184,454
9. Fixed Fee							\$8,776	\$8,776
10. Total Work Price							\$193,230	\$193,230

Project Manager (Engineer) _____

DATE: _____

URS Greiner Consultants, Inc.
 Contract Number D003825
 93 Main Street Site - Remedial Investigation
 Work Assignment D003825-11
 All Tasks
 Complete %

Page_2 of _7
 Date Prepared
 Billing Period
 Invoice No.

Schedule 2.11(g) - Supplemental

Cost Control Report for Subcontract

Subcontract Name	A Subcontract Cost Claimed this Application Incl. 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 Cost to Date (C plus F)
1 The Copy Cat (MBE)				\$792			
2 Portable Space				\$785			
3 Strategic Diagnostics				\$6,593			
4 GeoLogic NY, Inc. (WBE)				\$3,745			
5 Roger's Fence Company (WBE)				\$10,652	\$479		
6 TBD				\$16,000	\$720		
7 Mitkem Corp. (MBE)				\$33,760	\$1,519		
8 Buffalo Drilling				\$9,013			
9 GeoLogic NY, Inc. (WBE)				\$9,000			
10 esa Laboratories, Inc.				\$1,815			
11							
12 TOTALS				\$92,155	\$2,719		

Project Manager (Engineer) _____

DATE: _____

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

URS Greiner Consultants, Inc.
Contract Number D003825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
Task 1 - Work Plans 97-98 Rates
Complete %

Page_3 of _7
Date Prepared
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$6,697	\$6,697
2. Indirect Costs (1.21%)							\$8,103	\$8,103
3. Subtotal Direct Salary Costs and Indirect Costs							\$14,800	\$14,800
4. Travel							\$324	\$324
5. Other Non-Salary Costs							\$225	\$225
6. Subtotal Direct Non- Salary Costs							\$549	\$549
7. Subcontractors							\$592	\$592
8. Total WA Cost							\$15,942	\$15,942
9. Fixed Fee							\$1,776	\$1,776
10. Total Work Price							\$17,718	\$17,718

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Greiner Consultants, Inc.
 Contract Number D003825
 93 Main Street Site - Remedial Investigation
 Work Assignment D003825-11
 Task 2 - Site Characterization 97-98 Rates
 Complete %

Page_4 of _7
 Date Prepared
 Billing Period
 Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$1,365	\$1,365
2. Indirect Costs (1.21%)							\$1,652	\$1,652
3. Subtotal Direct Salary Costs and Indirect Costs							\$3,017	\$3,017
4. Travel							\$4,129	\$4,129
5. Other Non-Salary Costs							\$3,435	\$3,435
6. Subtotal Direct Non- Salary Costs							\$7,564	\$7,564
7. Subcontractors							\$68,549	\$68,549
8. Total WA Cost							\$79,129	\$79,129
9. Fixed Fee							\$362	\$362
10. Total Work Price							\$79,491	\$79,491

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Greiner Consultants, Inc.
 Contract Number D003825
 93 Main Street Site - Remedial Investigation
 Work Assignment D003825-11
 Task 3 - Waste Disposal 98-99 Rates
 Complete %

Page 6 of 7
 Date Prepared
 Billing Period
 Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$722	\$722
2. Indirect Costs (1.21%)							\$874	\$874
3. Subtotal Direct Salary Costs and Indirect Costs							\$1,596	\$1,596
4. Travel							\$136	\$136
5. Other Non-Salary Costs							\$127	\$127
6. Subtotal Direct Non- Salary Costs							\$263	\$263
7. Subcontractors							\$16,720	\$16,720
8. Total WA Cost							\$18,579	\$18,579
9. Fixed Fee							\$191	\$191
10. Total Work Price							\$18,771	\$18,771

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

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

URS Greiner Consultants, Inc.
Contract Number D003825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
Task 2 - Site Characterization 98-99 Rates
Complete %

Page_5 of _7
Date Prepared
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$23,493	\$23,493
2. Indirect Costs (1.21%)							\$28,427	\$28,427
3. Subtotal Direct Salary Costs and Indirect Costs							\$51,920	\$51,920
4. Travel							\$4,253	\$4,253
5. Other Non-Salary Costs							\$3,493	\$3,493
6. Subtotal Direct Non- Salary Costs							\$7,746	\$7,746
7. Subcontractors							\$9,013	\$9,013
8. Total WA Cost							\$68,679	\$68,679
9. Fixed Fee							\$6,230	\$6,230
10. Total Work Price							\$74,909	\$74,909

Project Manager (Engineer) _____

DATE: _____

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

URS Greiner Consultants, Inc.
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11

Date Prepared 10/16/98
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	ADMIN EXP / EST	Total No. of Direct Labor Hrs. Exp/Est
TASK 1	0 / 4	0 / 5	0 / 68	0 / 45	0 / 4	0 / 64	0 / 33	0 / 24	0 / 0	0 / 11	0 / 258
TASK 2	0 / 1	0 / 1	0 / 12	0 / 3	0 / 0	0 / 8	0 / 0	0 / 40	0 / 0	0 / 0	0 / 65
TASK 2	0 / 2	0 / 8	0 / 44	0 / 165	0 / 0	0 / 348	0 / 112	0 / 310	0 / 186	0 / 0	0 / 1175
TASK 3	0 / 1	0 / 0	0 / 4	0 / 0	0 / 0	0 / 16	0 / 0	0 / 12	0 / 0	0 / 0	0 / 33
TASK 4	0 / 0	0 / 0	0 / 20	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 4	0 / 0	0 / 24
TOTAL HOURS:	0 / 8	0 / 14	0 / 148	0 / 213	0 / 4	0 / 436	0 / 145	0 / 386	0 / 190	0 / 11	0 / 1555

*Expended/Estimated

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Greiner Consultants, Inc.
 Contract Number D003825
 93 Main Street Site - Remedial Investigation
 Work Assignment D003825-11
 Task 4 - Citizen Participation 98-99 Rates
 Complete %

Page 7 of 7
 Date Prepared
 Billing Period
 Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$814	\$814
2. Indirect Costs (1.21%)							\$986	\$986
3. Subtotal Direct Salary Costs and Indirect Costs							\$1,800	\$1,800
4. Travel							\$326	\$326
5. Other Non-Salary Costs								
6. Subtotal Direct Non- Salary Costs							\$326	\$326
7. Subcontractors								
8. Total WA Cost							\$2,126	\$2,126
9. Fixed Fee							\$216	\$216
10. Total Work Price							\$2,342	\$2,342

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(i)

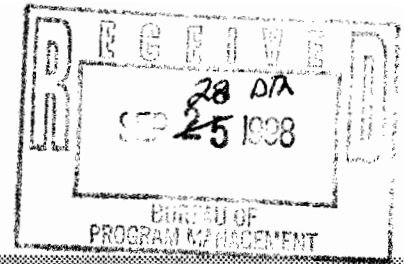
**Monthly Cost Control Report
Equipment Inventory Control Form ***

Engineer

Contract No. DO03825

- 1) Equipment Description:
Date of Purchase:
Purchase Price:
Dates and Location of Use Since Last Report:(Identify WA)
Present Storage Location:
Condition of Equipment:
Responsible Person and Phone No.:
- 2) Equipment Description:
Date of Purchase:
Purchase Price:
Dates and Location of Use Since Last Report:(Identify WA)
Present Storage Location:
Condition of Equipment:
Responsible Person and Phone No.:
- 3) Equipment Description:
Date of Purchase:
Purchase Price:
Dates and Location of Use Since Last Report:(Identify WA)
Present Storage Location:
Condition of Equipment:
Responsible Person and Phone No.:
- 4) Equipment Description:
Date of Purchase:
Purchase Price:
Dates and Location of Use Since Last Report:(Identify WA)
Present Storage Location:
Condition of Equipment:
Responsible Person and Phone No.:

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



REMEDIAL INVESTIGATION

PROJECT MANAGEMENT WORK PLAN/BUDGET ESTIMATE

WORK ASSIGNMENT D003825-11

**93 MAIN STREET
CITY OF BINGHAMTON (C)**

**SITE NO. 7-04-027
BROOME (C), NY**

Prepared for:
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
50 Wolf Road, Albany, New York

John P. Cahill, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION

URS Greiner Consultants, Inc.
282 Delaware Avenue
Buffalo, New York 14202

**Draft
September 1998**

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**PROJECT MANAGEMENT WORK PLAN/BUDGET
FOR THE
REMEDIAL INVESTIGATION
93 MAIN STREET SITE
BINGHAMTON, NEW YORK**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
WORK ASSIGNMENT D003825-11**

SEPTEMBER 1998

Prepared By:

**URS GREINER CONSULTANTS, INC.
282 DELAWARE AVENUE
BUFFALO, NEW YORK 14202**

93 MAIN STREET SITE
PROJECT MANAGEMENT WORK PLAN

1.0 INTRODUCTION

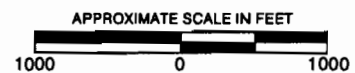
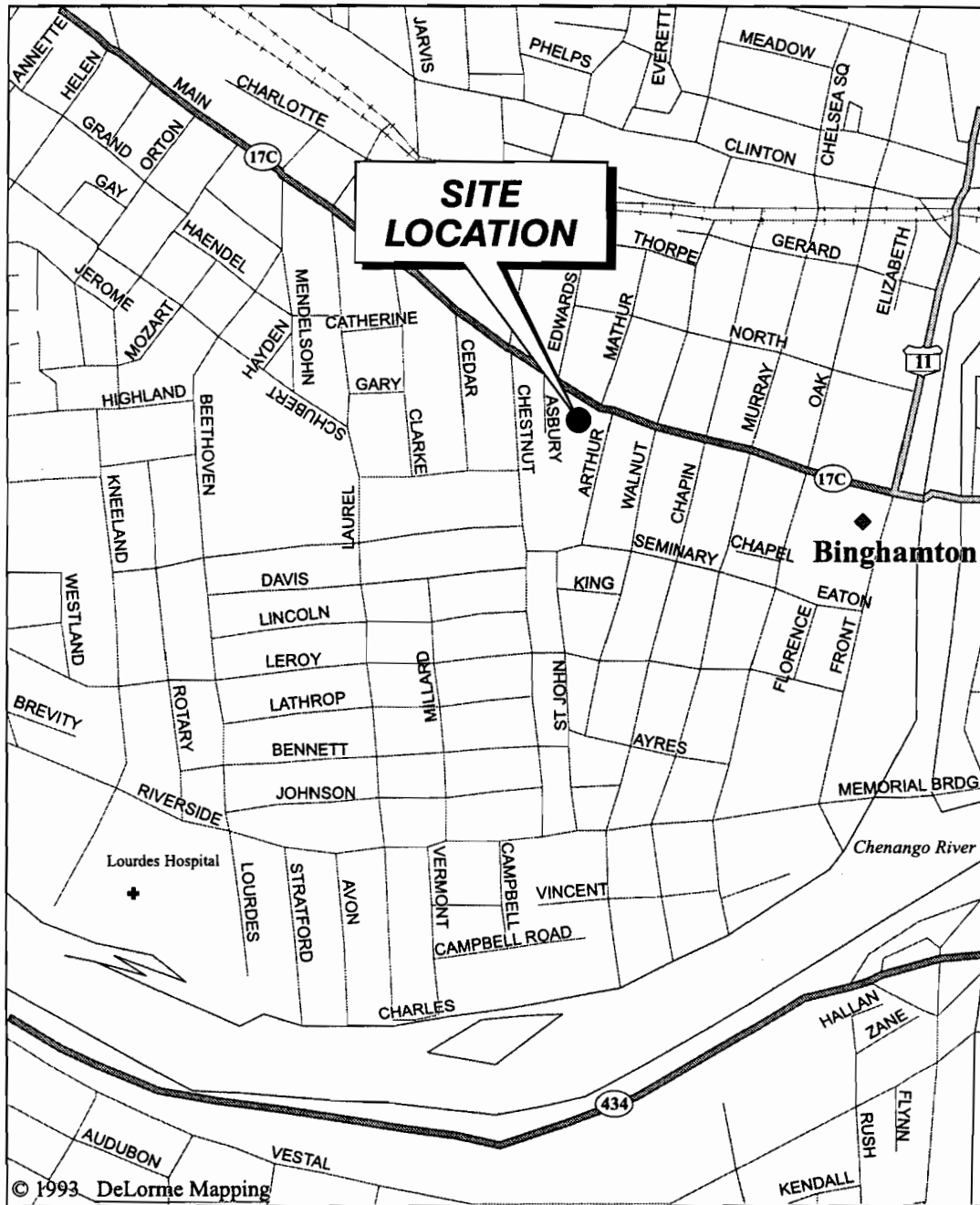
This Project Management Work Plan/Budget has been prepared to identify the activities and costs associated with URS Greiner Consultants, Inc. (URSG) providing remedial investigation (RI) services to the New York State Department of Environmental Conservation (NYSDEC) for the 93 Main Street site. It is a Class 2 site, listed on the NYSDEC Registry of Inactive Hazardous Waste Sites (NYSDEC Site No. 7-04-027).

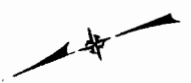
1.1 Site History and Background

The 93 Main Street site consists of two abandoned buildings, an occupied residence and a vacant lot bound by Main Street and Arthur Street in the City of Binghamton, Broome County, New York (Figures 1 and 2). It reportedly was used by the McMahon Brothers Pest Control company as a storage and handling facility for pesticides and equipment between the early 1950s and early 1980s. In 1995, Gaynor Associates of Cortland, NY was hired to perform a Phase II environmental audit on the 93 Main Street property for a financial institution. Soil samples collected in March 1995 from outside the building at 93 Main Street, both from surface soil and from beneath the asphalt in the parking area, revealed elevated concentrations of herbicides and pesticides [including 2,4,5-T at 12,000 micrograms per kilogram ($\mu\text{g/kg}$); 2,4-D at 4,030 $\mu\text{g/kg}$; and chlordane at 15,000 $\mu\text{g/kg}$].

During the investigation, Gaynor reportedly determined that a back area of the building was used by McMahon for pesticide storage and handling. This area had since been converted to apartments, and the concrete floor covered with tile or carpet. During the Gaynor study, strong pesticide odors were noted in the apartments. This building and another on the site are currently abandoned and in a serious state of disrepair.

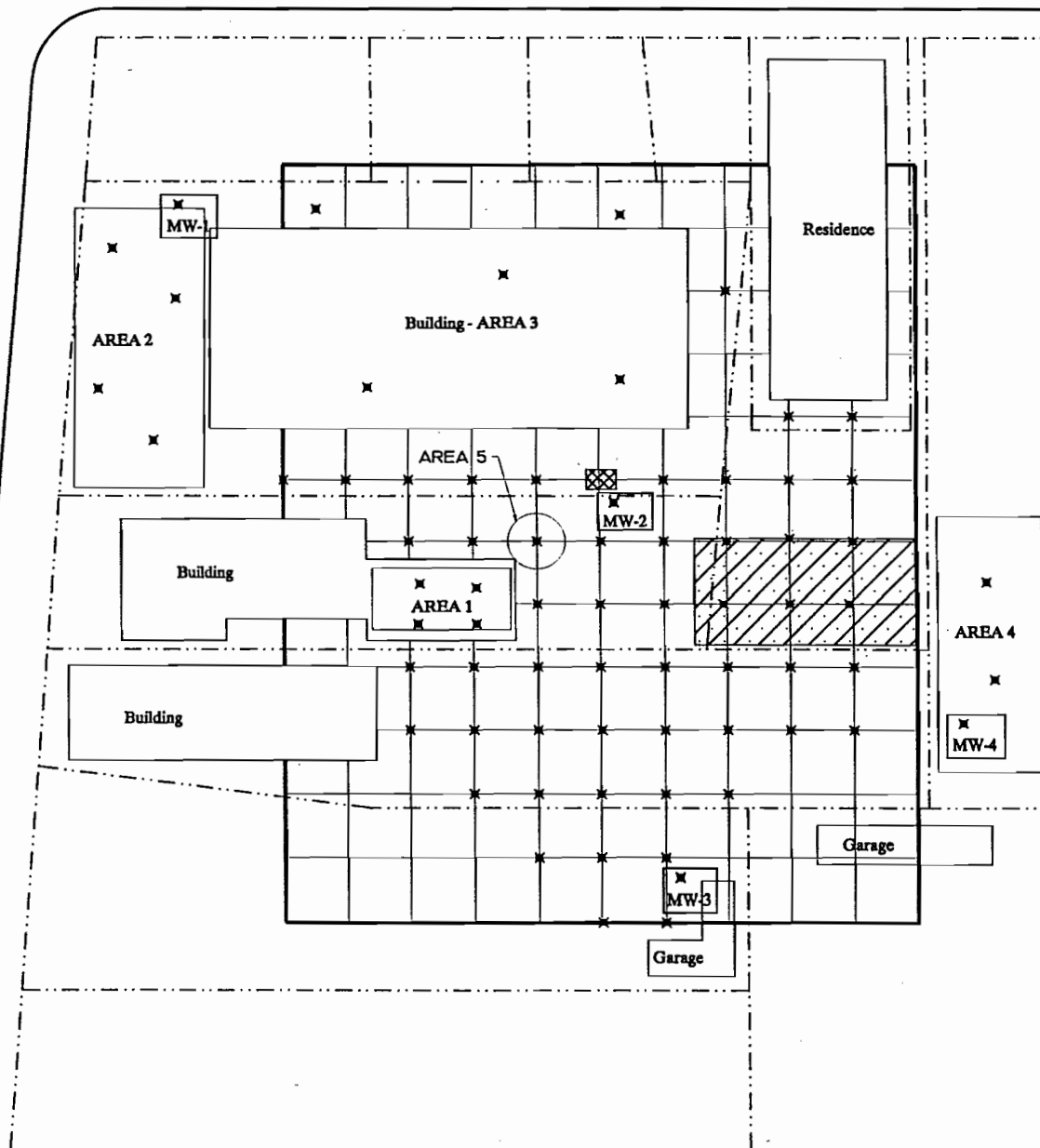
The NYSDEC investigated complaints that pesticide application equipment and drums containing pesticides were being stored at the 93 Main Street site. There were also allegations of a drum being spilled behind the 93 Main Street building. In May 1989, the NYSDEC sampled a drum that had





Arthur Street

Main Street



NOTES:

1. Building locations are approximate.
2. Sample locations are approximate
3. MW locations are approximate
4. Number and placement of sampling points and MWs may be changed by NYSDEC.

93 MAIN STREET
BINGHAMTON, BROOME COUNTY, NEW YORK
SITE No. 7-04-027

New York State Department of
Environmental Conservation



FILE: 93MAINSITE.DWG DRAWING BY:

Proposed Sampling
Locations

DATE: 6/30/98

Figure 2

been located on the 93 Main Street site, and found it to contain high concentrations of Silvex and 2,4-D. In addition, herbicide spraying equipment was also discovered at the rear of the property.

In 1995, the City, in response to these and other complaints, entered into a Voluntary Cleanup Agreement with the NYSDEC to perform a limited investigation of the site. This investigation focused on the rear of the 93 Main Street building and consisted of collecting groundwater and soil samples. The results of this investigation revealed elevated concentrations of pesticides/herbicides such as chlordane, aldrin, dieldrin, and 2,4,5-T in the site's groundwater and/or soil. In some instances, concentrations exceeded the NYSDEC's groundwater standards by orders of magnitude. Soil guidance value exceedances were also significant. The presence of these pesticides indicate a threat to the area's sole source aquifer and is the basis for the Site's class "2" designation on the State's Registry of Inactive Hazardous Waste Sites.

The two abandoned buildings onsite are scheduled to be demolished by the City of Binghamton this fall. A definite date has not been established.

1.2 Scope of Project

URSG has developed this Project Management Work Plan for the NYSDEC's review and approval. Included herein is a description of major tasks and subtasks; a schedule with milestones and deliverables; a staffing plan; a budget; a minority-/woman-owned business enterprise (M/WBE) utilization plan; and a list of proposed subcontracts.

URSG, as prime contractor, will be responsible for coordinating all subcontractor activities; preparing a draft and final Quality Assurance Project Plan (QAPjP), Health and Safety Plan (HASP), and a Data Usability Summary Report (DUSR); and communicating all contractual and technical issues with NYSDEC.

URSG will retain subcontractors to provide fence installation, clearing, and decontamination pad installation, Geoprobe borings, and test pit excavation services; drum and waste disposal services; drilling and monitoring well installations; laboratory analyses; and report reproduction services. All

subcontractors will be subject to approval of the NYSDEC before award of subcontract. URSG itself will conduct all project activities not specifically designated to other subcontractors.

We understand the requirements of M/WBE participation and will make good faith efforts to subcontract at least 15 percent and 5 percent of the total contract price to New York State Minority Business Enterprise(s) (MBE) and Women Business Enterprise(s) (WBE), respectively.

2.0 SCOPE OF WORK

This section describes the four major tasks associated with the remedial investigation of the 93 Main Street site. These include work plan/budget preparation, site characterization, waste disposal, citizen participation, and supplemental sampling.

2.1 Task 1 - Work Plan and Budget Preparation

Subtask A: Scoping the RI

After a review of the background information provided by the Department, URSG and the NYSDEC visited the site on September 1, 1998. The purpose of the site visit was to determine health and safety requirements for the protection of public health and field personnel, and to become familiar with site topography, access/hospital routes, and to define the boundary of the RI. The team consisted of Charles Dusel, URSG Project Manager, and James Candiloro, NYSDEC Project Manager, Bradley Brown, NYSDEC, Tom Sulzzo, NYSDEC, Gary Robinson, NYSDOH, Ron Brink, Broome County Health Department, and George Kisluk, URSG.

A scoping meeting was held on September 10, 1998 by teleconference between URSG and NYSDEC staff to finalize the scope for this project and discuss specific details of the field investigation. This Project Management Work Plan and associated Budget were developed based upon discussions at the site visit and scoping meeting, and NYSDEC's Work Assignment of August 12, 1998.

Subtask B: RI Work Plans

The draft plans described below will be prepared by URSG and submitted to the NYSDEC as individual work plans by September 24, 1998. The NYSDEC is responsible for the preparation of the Work Plan.

Quality Assurance Project Plan (QAPjP) - The QAPjP includes quality assurance/quality control (QA/QC) procedures and programs which will be used during the site activities. The sampling and analytical protocols specified in the QAPjP will conform to current the NYSDEC Analytical Services

TABLE 1
93 MAIN STREET SITE RI
SCOPE OF WORK FOR FIELD INVESTIGATIONS

AREA	GOAL	SCOPE
GEOPROBE SOIL BORINGS	Delineate aerial and vertical extent of contamination.	<ul style="list-style-type: none"> • 60 Geoprobe borings • Immunoassay testing for 2,4-D, chlordane and DDTs with 10% confirmation • Analyze confirmation samples for full TCL (VOA, SVOA, Pesticides/PCB and Metals) and herbicides.
FILL AREA (South West Side of Site)	Characterize and delineate extent of fill.	<ul style="list-style-type: none"> • Test pits excavated (3 days with a rubber-tired excavator) to delineate and characterize the fill • Analyze test pit samples at the discretion of the NYSDEC
DRY WELL, SURFACE WATER AND SEDIMENT	Evaluate level of contamination in dry well water and sediment.	<ul style="list-style-type: none"> • Sample surface water and sediment in dry well and analyze for full TCL (VOA, SVOA, pesticides/PCBs and metals) and herbicides.
GROUNDWATER	Evaluate whether site contaminants have impacted groundwater beneath the site and determine/verify groundwater flow direction.	<ul style="list-style-type: none"> • Install five water table monitoring wells; 2" PVC, 0.010" slot x 10' long screens straddling water table; estimated 30' total length per well • Develop monitoring wells. • Sample all five monitoring wells for full TCL organics and metals, and herbicides analyses. • Samples groundwater at geoprobe locations selected by the NYSDEC and analyze for TCL pesticides and herbicides. Approximately 10% will also be analyzed for TCL VOA, SVOAs and metals.

TCL - Target Compound List
VOA - Volatile Organic Analyte
SVOC - Semivolatile Organic Analyte
PCB - Polychlorinated Biphenyl

Protocol (ASP), October 1995 edition. It will identify specific methods, audit procedures, and QA/QC requirements for field activities and testing of samples obtained from the site. The presentation of the reporting and deliverables package is described in the QAPjP. Specifically, the QAPjP contains: QA objectives for the required accuracy and precision in completeness, representativeness, comparability, and intended use of the data; sampling custody procedures during sample collection, laboratory analysis, and for final evidence files; the type and frequency of instrument calibration, internal QC checks, and QA performance and systems audits; instrument preventive maintenance procedures, schedules, and corrective action procedures; specific procedures to assess data precision, representativeness, comparability, accuracy, and completeness of specific measurement parameters; and data documentation and tracking procedures.

Health and Safety Plan (HASP) - Our Corporate Health and Safety Procedures Manual meets all current applicable regulatory requirements contained in 20 CFR 1910.120(i)(2) - Occupational Safety and Health Administration (OSHA), Hazardous Waste Operations and Emergency Response, Interim Rule, December 19, 1986; United States Environmental Protection Agency (USEPA) Order 1440.2 - Health and Safety Requirements for Employees Engaged in Field Activities; USEPA Order 1440.3 - Respiratory Protection; USEPA Occupational Health and Safety Manual; and USEPA Interim Standard Operating Procedures (September 1982). A site-specific HASP has been developed from this manual and will be submitted as part of the RI work plans. It specifies levels of respiratory protection and protective clothing for various field activities, and describes support facilities.

2.2 Task 2 - Site Characterization (Remedial Investigation)

During Task 2, URSG will assist the NYSDEC with the field investigation. A field investigation will be performed to determine the horizontal and vertical extent of soil and groundwater contamination and enable the Department's evaluation of remedial alternatives. The investigation will focus upon collecting data necessary for determining the significance of the threat posed by the site, identifying and characterizing hot spots, and characterizing any off site contaminant migration. The program which follows will generate the necessary data.

The proposed field investigation activities and goals are summarized in Table 1. Specific activities are summarized below:

Subtask A: Literature Search

Pertinent information made available by the Department for the site and site vicinity has been reviewed. Additional resource information will be collected and reviewed that will focus on site ownership and operational history (i.e., when did McMahon purchase property, etc.). URSG will also interview local officials and health department officials in an attempt to identify any historic complaints or actions. It will not include Phase I items such as a 1/2-mile radius hazardous waste database search. URSG will not review technical information pertaining to the site which the NYSDEC already has access to.

URSG will review available information pertaining to past activities and investigations of the site, including historic aerial photographs, sewer and utility plans from Broome County, and any other information that would provide insight to the hydrogeologic setting or the contamination at the site. A copy of available aerial photographs and all other information obtained by URSG will be supplied to the NYSDEC.

Subtask B: Field Support: Mobilization/Fencing/Clearing

Mobilization of URSG personnel and equipment to the site is anticipated to occur in mid-October 1998 following approval of the Project Management Work Plan, QAPjP, and HASP. URSG will provide utility (UFPO) clearance. A subcontractor will install a chain-link fence in accordance with New York State Department of Transportation (NYSDOT) standard specifications with bottom rail and top wire for site security and perform limited site clearing. Total fence length will be 500 feet with a height of 8 feet. The installation configuration will be rectangular with two double swing gates (16 feet per opening) at opposite ends of the installation. The subcontractor will obtain all fencing/building permits necessary to complete the work. URSG will inspect the installation of the fence and site clearing work. The fencing subcontractor will also perform site clearing to remove vegetation in the southwest area of the site. The vegetation to be cleared consists of weeds, shrubs, and saplings. It is estimated that the clearing can be completed in one day, with a two-person crew. The cleared vegetation will remain on site.

A trailer will be located on site to provide a work area and equipment storage area, and a staging area for sampling activities. Sampling, test pitting, and drilling locations will be chosen and marked as discussed in Subtask D. Site survey and base map development will be initiated during this time. A location for the decontamination pad will be chosen and its construction will be coordinated with the test pit excavation subcontractor.

Subtask C: Site Characterization

Geoprobe Soil and Groundwater Sampling

To delineate the extent of contamination in soils at the site, approximately 60 soil samples will be collected in a grid pattern (20-foot spacing between nodes) in areas of the site centering around the dry well (Figure 2). URSG will provide utility (UFPO) clearance. Soil samples will be obtained using a Macro-Core soil sampler. Approximately 45 of the borings will be advanced to a maximum depth of approximately 25 feet below ground surface (to the water table surface). At approximately 15 of the 60 locations, the borings will be advanced 3 to 5 feet below the water table (bottom depth approximately 30 feet below grade) for the collection of groundwater screening samples. The groundwater samples will be collected using a check valve and a stainless-steel Geoprobe Mini-Bailer for the collection of groundwater samples. Groundwater samples collected using a Geoprobe will be at locations selected by the Department. The groundwater samples will be analyzed for target compound list (TCL) pesticides and herbicides. Approximately 10% also will be analyzed for the full TCL organics and metals. A concrete drill bit will be required at approximately seven locations to facilitate soil sampling below the building foundation. A second mobilization and sampling event may be required in the spring of 1999 if the building demolition is delayed, in order to complete the soil sampling program.

The Geoprobe subcontractor will supply acetate sample liners and end caps for soil sample storage. All completed probe holes will be backfilled with bentonite (pellets, granular, or powdered) to within 6 inches of the ground surface. The remaining void space will be filled with surrounding soils or backfilled with cement. Soil samples locations and sample depths will be determined in the field under the direction of the NYSDEC. The soil samples will be analyzed on site for 2,4-D, DDTs, and chlordane with semi-quantitative immunoassay test kits. Approximately 10 percent of the samples will be split and sent to an offsite laboratory for confirmatory NYSDEC TCL organics and inorganics, and

herbicides analyses in accordance with the requirements as discussed in the project QAPjP. At the scoping meeting, the NYSDEC requested an expedited turnaround time for the herbicide and pesticide confirmation samples. The quickest turnaround time for herbicides URSG was able to obtain from the standby laboratories was 10 business days, due to the extensive extraction procedures for herbicides and workloads.

Drywell Sediment and Water Samples

One water and sediment sample will be collected from the dry well and analyzed for the TCL organics and inorganics, and herbicides.

Site Health and Safety Monitoring

The Health and Safety Officer will perform air monitoring at the site during test trenching and drilling activities (approximately two weeks). Air monitoring will consist of both real time measurements and time weighted average (TWA) measurements. A complete discussion of the site health and safety monitoring is provided in the Health and Safety Plan. No air monitoring will be performed during Geoprobe activities.

Test Pit Excavation

A rubber-tired excavator will be utilized for three days to excavate test pits in the suspected disposal area at the southwestern end of the site and to investigate anomalies found in the magnetic survey performed by Gaynor Associates, Inc. (Pre-RI/FS Sampling and Data Summary for the 93 Main Street site, NYSDEC July 1998). Additional test pits will be excavated at locations determined during the investigation by the NYSDEC/URSG site representatives and recorded on field logs. The test pits are anticipated to be approximately 3 feet wide and up to 15 feet deep. The length of the pits will vary depending upon the materials encountered. No samples are anticipated to be collected from test pits for analysis.

Monitoring Well Installation

Monitoring Wells: Five water table monitoring wells will be installed at locations determined by the NYSDEC which will serve as permanent groundwater measurement and sample points. The wells will be installed in boreholes advanced using 4¼-inch inner diameter (ID) hollow-stem augers. Continuous soil sampling using 2-inch outer diameter (OD) split-spoon samples will be conducted at each boring location to characterize site stratigraphy. Samples from the boreholes will be collected and archived on site.

Upon boring completion, 2-inch ID Schedule 40 polyvinyl chloride (PVC) monitoring wells will be installed through the augers. Screens will be 10-foot in length with 0.010-inch machined slots. An appropriately sized clean silica sandpack will be placed around and 2 feet above the screen. A bentonite pellet seal, 2 feet in thickness, will be placed above the sandpack. The remainder of the borehole will be tremie-grouted to the surface with cement-bentonite grout. Wells will be completed at grade with steel flush-mount casings.

Well Development and Groundwater Sampling

Well Development - All monitoring wells installed during this RI will be developed to yield relatively turbid-free discharge, nephelometric turbidity units 50 (NTUs) or less, if possible. A minimum of three well volumes will be purged per well and well development will continue until specific conductance, pH, and temperature have stabilized. If it becomes apparent that excessive amounts of water need to be removed to achieve these goals, the NYSDEC representative will be consulted. All development water will be containerized and disposed of properly, based on analytical results.

Groundwater Sampling: Groundwater samples will be collected from the five new wells and will be analyzed for TCL volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticides/polychlorinated biphenyls (PCBs), herbicides and metals.

Water levels in the monitoring wells will be monitored during development and sampling.

Subtask D - Site Survey and Base Map Development

URSG will conduct field surveys for the purpose of establishing property boundaries, preparing a topographic base map, and locating areas of study established during the field investigation. The methodologies and deliverables for these surveys are detailed below.

Prior to conducting any survey and mapping activities, URSG will establish overall project survey control. Permanent on site monuments for use during all survey and mapping activities will be established using conventional survey methods or global positioning systems (GPS). The control points will be set on or near the site and will permanent in their composition. Iron rods with caps, railroad spikes or large P-K nails may be used. Reference sketches will be prepared which show measurements from the control points to permanent features. The sketches will allow for future recovery and use of the control points. Datums used for all survey and mapping be based upon the following:

Horizontal Control: New York State Plane Coordinate System Central Zone, North American Datum of 1983.

Vertical Control: North American Vertical Datum of 1988

All maps created during this project will be delivered to the NYSDEC in hard copy and in electronic file format, both prepared using AutoCAD R14. All survey and mapping will be performed under the direct supervision of a New York State- licensed land surveyor.

Boundary Survey

URSG will perform the research and field work necessary to establish boundaries of the site and any adjacent property as needed. Standards applicable to urban surveys, as established by the New York State Education Department and the New York State Association of Professional Land Surveyors (NYSPLS) will be followed for boundary establishment. The property lines established will be shown as a separate drawing, prepared at a convenient scale, and will be signed and sealed by the supervising licensed surveyor. Property lines also shall be shown for reference on other drawings prepared for this project.

Topographic Map

URSG will perform a field survey to locate physical aboveground features on the site and adjacent properties. Features to be surveyed would include, but not be limited to, buildings, pavements, landscaping, aboveground utilities, and changes in grade. Subsurface utility features will be shown in their approximate location, based upon information provided to URSG by the utility owner. Sufficient data will be gathered to allow for the development of a topographic base map, at a scale of 1 inch equal to 20 feet with a 1-foot contour interval.

Field Investigation Locations

URSG will perform a field survey to establish locations of the following areas of study:

- Soil borings
- Geoprobe sample points
- Test pits
- Monitoring wells
- Dry well

These and other surveyed points will be shown on the topographic maps which will be provided to the Department.

Subtask E: Data Validation/Report

Quality assurance and quality control procedures associated with the environmental sampling and analytical program will be as specified in the Quality Assurance Project Plan. The laboratory will be required to meet ASP 1995 requirements and provide appropriate deliverables (i.e., hard copy and electronic format).

Data validation for the sampling and analysis will include a limited review of holding times, completeness of all required deliverables; a review of QC results (surrogates, spikes, duplicates) to determine if the data is within the protocol required limits and specifications; and a determination that

all samples were analyzed using established and agreed upon protocols. If this initial data review reveals significant deviations and problems with the analytical data, URSG may recommend a complete validation of the data.

The field and laboratory data will be assessed and a Data Usability Summary Report (DUSR) will be submitted, complete with data validation and recommendations on data usability and corrective actions for non-compliant data. The data also will be submitted in an electronic ASCII quoted Comma Delimited Format.

2.3 Task 3 - Waste Disposal

This task is added to provide for the management of investigative-derived wastes that are generated as a result of site investigation activities. All decontamination fluids, well development water, and monitoring well borings will be containerized in drums and staged on site. Sampling/waste hauling/disposal will be coordinated by URSG through competitive bidding in accordance with the Standby Contract and subject to the Department's approval. Thirty (10 soil, 20 water) drums are assumed to require disposal for budgeting purposes estimated using the environmental restoration unit cost rate.

2.4 Task 4: Citizen Participation

URSG will be prepared to attend two public meetings in Binghamton, NY to be scheduled at the discretion of the NYSDEC.

2.5 Task 5: Supplemental Sampling

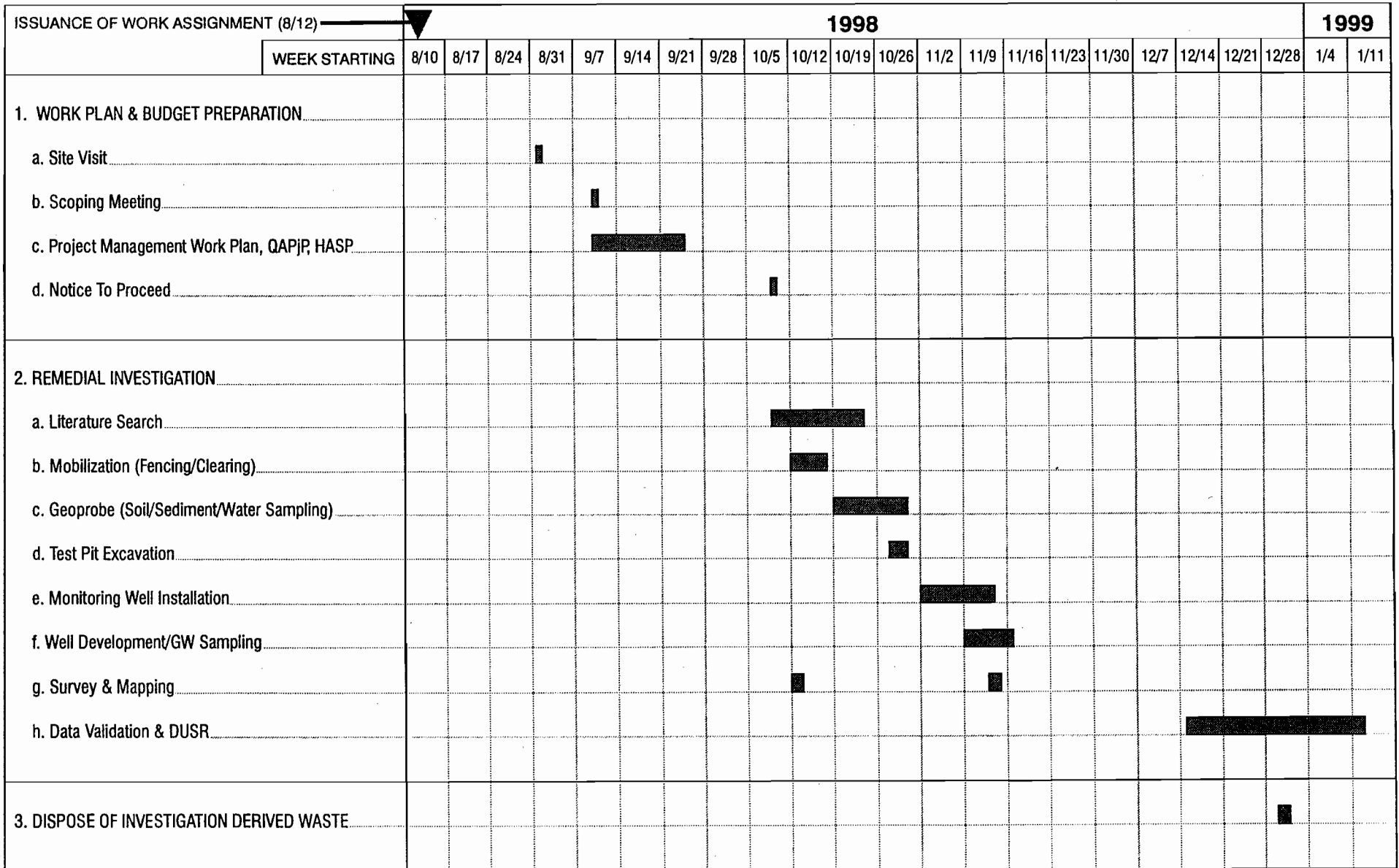
At the Department's request, URSG has added this task for the possibility of additional sampling and analysis. Additional sampling and analysis of soil and water may be necessary to further delineate the extent of contamination beyond the site boundaries. This task will not be initiated unless prior Department approval is received.

3.0 PROJECT SCHEDULE

The scope of the project also includes developing a schedule. Table 2 presents the proposed work assignment elements and milestones for the 93 Main Street site RI. The schedule indicates time frames for all project tasks, as well as project milestone completion dates. The schedule for the URSG project work is presented in Figure 3 and Table 2.

TABLE 2
93 MAIN STREET SITE RI
PROJECT SCHEDULE AND MILESTONES

WORK ASSIGNMENT ELEMENT	DATE
1. Issuance of Work Assignment	7/28/98
2. Site Visit	9/1/98
3. Scoping session by teleconference	9/10/98
4. Submittal of QAPjP, HASP, and Project Management Work Plan/Budget	9/24/98
5. Notice to Proceed	10/9/98
6. Start of Field Work	10/12/98
7. Completion of Field Work	11/30/98



4.0 IDENTIFICATION OF AREAS REQUIRING SUBCONTRACTING

URS Greiner Consultants, Inc. Has identified the following portions of the work under this contract as requiring subcontracting:

- Fence installation and clearing
- Geoprobe borings
- Test pit excavation
- Drum and waste disposal
- Drilling and monitoring well installations
- Laboratory analyses
- Reproduction, printing, and binding

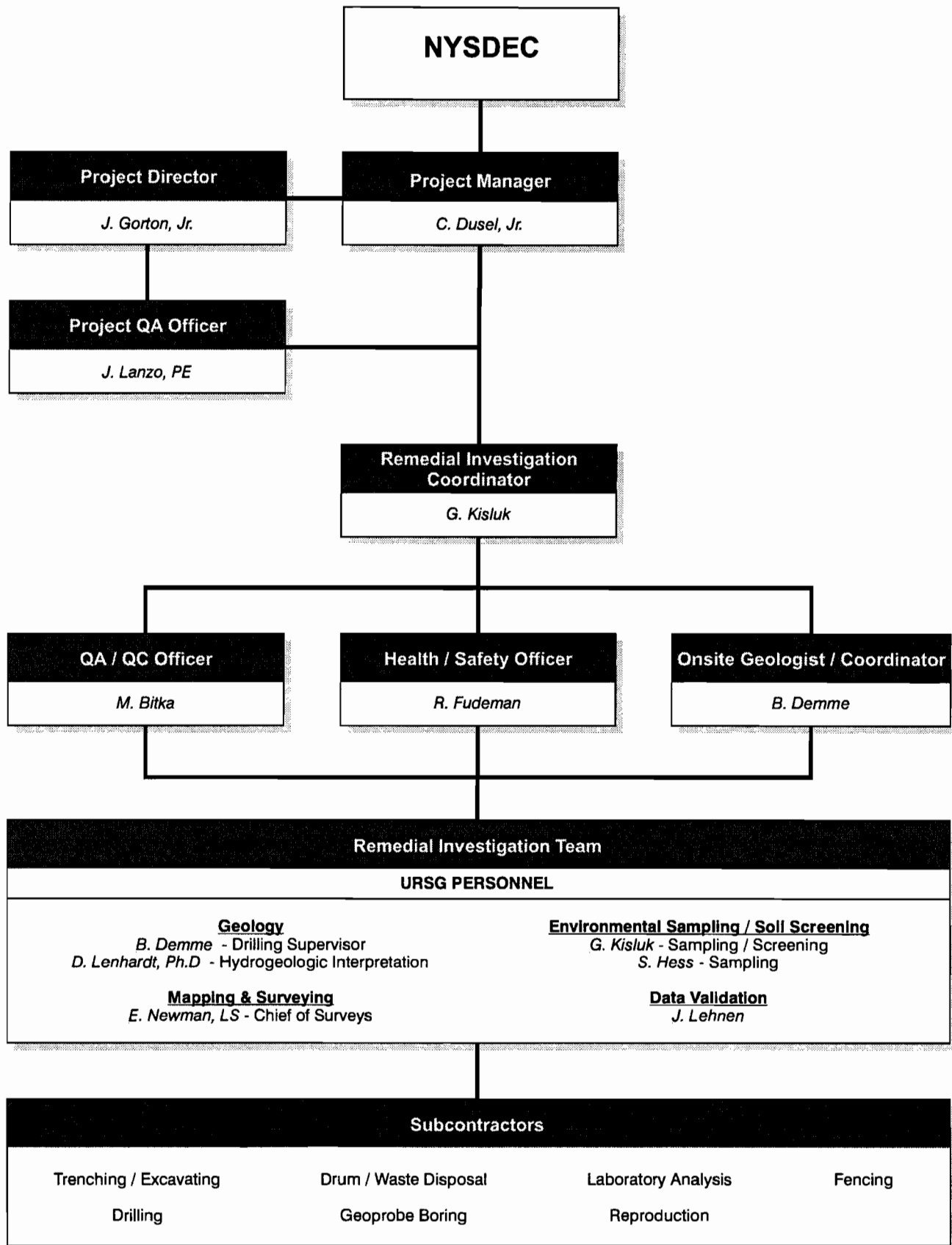
5.0 STAFFING PLAN/KEY PERSONNEL

The proposed management plan for this project is illustrated in Figure 4. The responsibilities of each project position is described below. The resumes of key personnel who will fill these positions are on file with the Department.

- The Project Director (J. Gorton) is the URSG corporate officer responsible for assuring the availability of resources and overall project performance, and representing URSG in all contractual matters with NYSDEC.
- The Project Manager (C. Dusel) will be responsible for technical and financial management of the project, and for overall coordination and review of component work activities. The Project Manager will serve as the initial and primary contact with the NYSDEC throughout the project.
- The Project Quality Assurance Officer (J. Lanzo, P.E.) will ensure that all project deliverables undergo a thorough QA review by senior staff members, qualified and experienced in appropriate disciplines.
- The Remedial Investigation Coordinator (G. Kisluk) will be responsible for coordination of all site work.
- The Health/Safety Officer and Quality Assurance/Quality Control Coordinator (R. Fudeman and M. Bitka, respectively) will coordinate the development of the Health/Safety and QA/QC Plans, and will provide technical guidance and input to their implementation. The Health/Safety Officer also will provide onsite air monitoring services during test trenching and drilling activities.
- The Onsite Geologist/Field Coordinator (B. Demme) will provide overall supervision and coordination of all field activities. The Onsite Geologist/Field Coordinator will be responsible for implementing the URSG Health and Safety Plan providing logistical support services as necessary, and utility clearances.

6.0 PROJECT COST

An estimate of the project cost is presented in Appendix A. Separate letters with subcontractor quotes and recommendations for subcontractor selection will be sent to the Department for approval.



APPENDIX A

PROJECT COST ESTIMATE

SCHEDULE 2.11(a)

**Summary of Work Assignment Price
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11**

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	<u>\$34,158</u>
2) Indirect Costs (Schedule 2.10(g))	<u>\$41,331</u>
3) Direct Non-Salary Costs (Schedules 2.10(d)(e)(f) and 2.11(c)(d))	<u>\$16,829</u>

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>
None		\$0
4) Total Cost-Plus-Fixed-Fee Subcontracts		<u>\$0</u>

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

<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontract Price</u>
A) The Copy Cat (MBE)	Reproduction	\$792
B) Portable Space	Trailer Rental	\$785
C) Strategic Diagnostics	Immunoassay Test Kits For Herb/Pest	\$6,935
D) GeoLogic NY, Inc. (WBE)	Test Pit Excavation/Geoprobe	\$12,745
E) Roger's Fence Company (WBE)	Install Fencing	\$10,652
F) TBD	Waste Hauling/Drum Staging/Disposal	\$16,000
G) Mitkem Corp. (MBE)	Offsite Analytical Services	\$21,735
H) Buffalo Drilling	Monitoring Well Installation	\$9,015
I) TBD	Supplemental Analysis	\$8,000
J) Galson Laboratories	Air Monitoring Analysis	\$4,900
5) Total Unit Cost Subcontracts		<u>\$91,559</u>
6) Subcontract Management Fee		\$2,751
7) Total Subcontract Costs (lines 4 + 5 + 6)		<u>\$94,310</u>
8) Fixed Fee (Schedule 2.10(h))		<u>\$9,059</u>
9) Total Work Assignment Price (lines 1 + 2 + 3 + 7 + 8)		<u><u>\$195,686</u></u>

Schedule 2.11(b)

Direct Labor Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin.	Total Direct Labor Hrs.
*Avg. Salary Rate (\$) (Year_1997-98__)	\$49.73	\$43.95	\$37.00	\$29.85	\$24.50	\$20.48	\$17.33	\$14.35	\$11.71	\$8.55	
*Avg. Salary Rate (\$) (Year_1998-99__)	\$51.47	\$45.49	\$38.30	\$30.89	\$25.36	\$21.19	\$17.94	\$14.86	\$12.12	\$8.85	
Task 1 - Work Plans 97-98 Rates	4	5	68	48	4	64	33	24		11	261
Task 2 - Site Characterization 97-98 Rates	1	3	20	80		248		200			552
Task 2 - Site Characterization 98-99 Rates	2	6	26	85		90	112	140	186		647
Task 3 - Waste Disposal 98-99 Rates	1		4			16		12			33
Task 4 - Citizen Participation 98-99 Rates			20						4		24
Task 5 - Supplemental Sampling 98-99 Rates	1	2	10			50		50			113
Total Hours	9	16	148	213	4	468	145	426	190	11	1630
Total Direct Labor Cost (\$)	\$455	\$716	\$5,554	\$6,446	\$98	\$9,695	\$2,581	\$6,216	\$2,303	\$94	\$34,158

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

SCHEDULE 2.11(backup)

DIRECT LABOR COSTS BUDGETED

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin	TOTALS
Average 1997-98 Rates	\$49.73	\$43.95	\$37.00	\$29.85	\$24.50	\$20.48	\$17.33	\$14.35	\$11.71	\$8.55	
Average 1998-99 Rates	\$51.47	\$45.49	\$38.30	\$30.89	\$25.36	\$21.19	\$17.94	\$14.86	\$12.12	\$8.85	
Task 1 - Work Plans 97-98 Rates	\$198.92	\$219.75	\$2,516.00	\$1,432.80	\$98.00	\$1,310.72	\$571.89	\$344.40		\$94.05	\$6,787
Task 2 - Site Characterization 97-98 Rates	\$49.73	\$131.85	\$740.00	\$2,388.00		\$5,079.04		\$2,870.00			\$11,259
Task 2 - Site Characterization 98-99 Rates	\$102.94	\$272.94	\$995.80	\$2,625.65		\$1,907.10	\$2,009.28	\$2,080.40	\$2,254.32		\$12,248
Task 3 - Waste Disposal 98-99 Rates	\$51.47		\$153.20			\$339.04		\$178.32			\$722
Task 4 - Citizen Participation 98-99 Rates			\$766.00						\$48.48		\$814
Task 5 - Supplemental Sampling 98-99 Rates	\$51.47	\$90.98	\$383.00			\$1,059.50		\$743.00			\$2,328
Total Hours	\$454.53	\$715.52	\$5,554.00	\$6,446.45	\$98.00	\$9,695.40	\$2,581.17	\$6,216.12	\$2,302.80	\$94.05	\$34,158

Schedule 2.11(b-1)

Direct Administrative Labor Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin	Total No. of Direct Labor Hrs.
Task 1 - Work Plans 97-98 Rates	3	2	16	1				6		4	32
Task 2 - Site Characterization 97-98 Rates		2	9	2			2	4	14		33
Task 2 - Site Characterization 98-99 Rates											
Task 3 - Waste Disposal 98-99 Rates											
Task 4 - Citizen Participation 98-99 Rates											
Task 5 - Supplemental Sampling 98-99 Rates											
Total Hours	3	4	25	3			2	10	14	4	65

Contract/Project administrative hours would include but not necessarily be limited to the following activities

- 1) Work Plan Development
 - Conflict of Interest Check
 - Develop budget schedules and supporting documentation
- 2) Review Work Assignment (WA) Progress
 - Conduct progress reviews
 - Prepare monthly project report
 - Update WA progress schedule
 - Prepare monthly M/MBE Utilization Report
- 3) Review Work Assignment Costs
 - Prepare monthly cost control report
 - Cost Control reviews

- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts
- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 8) Report editing

Contract/Project administrative hour would not include activities such as:

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

SCHEDULE 2.11(c)

Direct Non-Salary Costs
Work Assignment D003825-11

Item	Max Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Estimated Cost \$
A) SAMPLE ANALYSIS RATE			
NONE			
B) MISCELLANEOUS			
1 MILEAGE	\$0.31 /MILE	3960	\$1,227.60
2 CAR RENTAL	\$50.00 /DAY	32	\$1,600.00
3 PER DIEM HOTEL	\$54.00 /DAY	66	\$3,564.00
4 PER DIEM MEALS	\$34.00 /DAY	68	\$2,312.00
5 GAS	\$25.00 /L.S.	1	\$25.00
6 TOLLS	\$1.00 /L.S.	60	\$60.00
9 PHOTO	\$50.00 /L.S.	1	\$50.00
26 BLUE PRINTS	\$50.00 /L.S.	1	\$50.00
Total Direct Non-Salary Costs			\$8,888.60

*See Schedule 2.10(b) for rates.

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])
None				
TOTAL:				<u>\$0.00</u>

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

Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Max. Reimbursement Rate (\$)*	Est. Usage (Unit of Time)	Est. Rental Cost (\$) (Col. 2 x 3)
pH/CON/TEMP/TURB METER	\$85.00/Week	2	\$170
GENERATOR	\$50.00/Day	20	\$1,000
AIR SAMPLING PUMPS	\$325.00/Week	2	\$650
MINIRAM	\$210.00/Week	2	\$420
PORT-O-LET	\$75.00/Month	2	\$150
TOTAL:			\$2,390.00

Schedule 2.11(d) 2

Maximum Reimbursement Rates For Consultant Owned Equipment

Item	Purchase Price x 85%	Usage Rate (\$/Day)	Capital Recovery** Rate (\$/Day)	O & M Rate (\$/Unit of Time)	Est. Usage Days	Est. Usage Cost (\$) (Col. 3 x 6)
GPS UNIT	\$51,000.00	\$135.00	\$105.00	\$30.00	1	\$135.00
WATERA PUMP	\$2,635.00	\$16.00	\$7.00	\$9.00	8	\$128.00
PID	\$10,000.00	\$65.00	\$45.00	\$20.00	20	\$1,300.00
THEODOLITE	\$14,300.00	\$65.00	\$45.00	\$20.00	7	\$455.00
LEVEL	\$1,000.00	\$25.00	\$20.00	\$5.00	7	\$175.00

TOTAL: \$2,193.00

* Usage Reate = Capital Recovery Rate + O&M Rate.

* The maximum usage rate for an item of equipment reverts to the O&M rate when the total capital recovery reimbursement rate exceed 85% of the purchase price.

Schedule 2.11(d) 5**Work Assignment No. DO03825-11****Consumable Supplies**

Item	Estimated Quantity	Unit Costs (\$)	Total Budgeted Cost (Col. 2 x 3) (\$)
DISPOSABLE BAILERS	5 Each	\$10.00	\$50
HDPE TUBING	200 Foot	\$0.14	\$28
H&S LEVEL "D" PPE	69 Manday	\$13.00	\$897
H&S LEVEL "C" PPE	16 Manday	\$27.00	\$432
ORANGE FENCING & POSTS	1 L.S.	\$250.00	\$250
MISC SAMPLING EQUIPMENT	2 Each	\$150.00	\$300
WINDSOCK	1 Each	\$100.00	\$100
FEDERAL EXPRESS	16 Each	\$75.00	\$1,200
MISC	1 Each	\$100.00	\$100
TOTAL:			<u>\$3,357.00</u>

Site-Dedicated Equipment

Item	Estimated Quantity	Unit Cost (\$)	Total Budgeted Cost (Col. 2 x 3) (\$)
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None			
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TOTAL:			<u>\$0.00</u>
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Schedule 2.11(f) (1 of 4)

**Unit Price Subcontracts
Work Assignment D003825-11**

A. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
The Copy Cat (MBE)	Reproduction	\$792	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Photocopies	\$0.06 /Page	12000	\$720
Binding	\$3.00 /Each	24	\$72

Subtotal Subcontract Price	\$792
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Subcontract Management Fee

TOTAL	\$792
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B. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Portable Space	Trailer Rental	\$785	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Delivery/setup/takedown/pickup	\$250.00 /L.S.	1	\$250
Trailer Rental	\$185.00 /Month	2	\$370
Steps	\$20.00 /Month	2	\$40
Tax	\$22.50 /Month	2	\$45
Block and Level	\$80.00 /L.S.	1	\$80

Subtotal Subcontract Price	\$785
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Subcontract Management Fee

TOTAL	\$785
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Schedule 2.11(f) (2 of 4)

**Unit Price Subcontracts
Work Assignment D003825-11**

C. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Strategic Diagnostics	Immunoassay Test Kits For Herb/Pest	\$6,935	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
2,4-d Test Kit	\$525.00 /Each	1	\$525
Extraction Kits	\$120.00 /Each	5	\$600
DDT Test Kit	\$315.00 /Each	5	\$1,575
Extraction Kits	\$120.00 /Each	5	\$600
Chlordane Test Kit	\$315.00 /Each	5	\$1,575
Extraction Kits	\$120.00 /Each	5	\$600
Spectrophotometer	\$800.00 /Month	1	\$800
Magnetic Rack	\$50.00 /Week	2	\$100
Tips (96 pack)	\$6.90 /Each	2	\$14
repipet tips	\$1.20 /Each	2	\$2
2,4 Diluent	\$12.00 /Each	2	\$24
Dilution Kit	\$60.00 /Each	2	\$120
Shipping and Handling	\$400.00 /L.S.	1	\$400
Subtotal Subcontract Price			\$6,935
Subcontract Management Fee			
TOTAL			\$6,935

D. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
GeoLogic NY, Inc. (WBE)	Test Pit Excavation/Geoprobe	\$12,745	\$574

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Mob/Demob	\$100.00 /L.S.	1	\$100
Backhoe, 2 Man Crew	\$1,100.00 /Day	3	\$3,300
NYSDOT approved 55 gal drum	\$45.00 /Each	2	\$90
Steam Cleaner and Decon Pad	\$85.00 /Day	3	\$255
Geoprobe	900 /Day	10	\$9,000
Subtotal Subcontract Price			\$12,745
Subcontract Management Fee			\$574
TOTAL			\$13,319

Schedule 2.11(f) (3 of 4)

**Unit Price Subcontracts
Work Assignment D003825-11**

E. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Roger's Fence Company (WBE)	Install Fencing	\$10,652	\$479

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Install 500 LF of Chain Fence	\$9,897.00 /L.S.	1	\$9,897
Site Clearing	\$755.00 /Day	1	\$755

Subtotal Subcontract Price	\$10,652
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Subcontract Management Fee	\$479
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TOTAL	\$11,131
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F. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
TBD	Waste Hauling/Drum Staging/Disposal	\$16,000	\$720

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Waste/Soil Drums	\$750.00 /EA	10	\$7,500
Waste Water Drum	\$425.00 /EA	20	\$8,500

Subtotal Subcontract Price	\$16,000
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Subcontract Management Fee	\$720
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TOTAL	\$16,720
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G. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Mitkem Corp. (MBE)	Offsite Analytical Services	\$21,735	\$978

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Soil: Target Compound List (TCL)			
Volatiles plus TICs	\$110.00 /Sample	11	\$1,210
TCL Semivolatiles Plus TICs	\$225.00 /Sample	11	\$2,475
TCL Pesticides/PCBs	\$150.00 /Sample	11	\$1,650
TCL Metals plus Cyanide	\$140.00 /Sample	10	\$1,400
Herbicides	\$200.00 /Sample	10	\$2,000
Groundwater:			
Volatiles plus TICs	\$110.00 /Sample	14	\$1,540
TCL Semivolatiles Plus TICs	\$200.00 /Sample	11	\$2,200
TCL Pesticides/PCBs	\$140.00 /Sample	24	\$3,360
TCL Metals plus Cyanide	\$130.00 /Sample	10	\$1,300
Herbicides	\$200.00 /Sample	23	\$4,600

Subtotal Subcontract Price	\$21,735
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Subcontract Management Fee	\$978
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TOTAL	\$22,713
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Schedule 2.11(f) (4 of 4)

**Unit Price Subcontracts
Work Assignment D003825-11**

H. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Buffalo Drilling	Monitoring Well Installation	\$9,015	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Mob	\$200.00 /L.S.	1	\$200
Per Diem	\$100.00 /PERSON/DAY	6	\$600
4.25 inch ID Hollow Stem Augers	\$9.00 /L.F.	150	\$1,350
Split Spoon Sampling 2 Inch OD	\$7.50 /EA	75	\$563
2 Inch ID. #10 Slot	\$12.54 /L.F.	50	\$627
2 Inch ID.	\$8.00 /L.F.	100	\$800
Flush Mount 8.0 Inch Protector	\$150.00 /EA	5	\$750
DOT Approved 55 Gallon Drums	\$45.00 /EA	30	\$1,350
Moving 55 Gallon Drums	\$125.00 /HR	5	\$625
Decontamination Pad	\$400.00 /L.S.	1	\$400
Decontamination Of Equipment	\$125.00 /HR	8	\$1,000
Steam Cleaner Rental	\$125.00 /DAY	6	\$750
Subtotal Subcontract Price			\$9,015
Subcontract Management Fee			
TOTAL			\$9,015

I. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
TBD	Supplemental Analysis	\$8,000	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Supplemental Analysis	\$8,000.00 /L.S.	1	\$8,000
Subtotal Subcontract Price			\$8,000
Subcontract Management Fee			
TOTAL			\$8,000

J. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Galson Laboratories	Air Monitoring Analysis	\$4,900	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Nuisance dust analysis	\$20.00 /Each	20	\$400
Aromatic Hydrocarbon analysis	\$225.00 /Each	20	\$4,500
Subtotal Subcontract Price			\$4,900
Subcontract Management Fee			
TOTAL			\$4,900

Schedule 2.11(g)

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

URS Greiner Consultants, Inc.
Contract Number D003825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
All Tasks
Complete %

Page 1 of 8
Date Prepared 09/25/98
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$34,158	\$34,158
2. Indirect Costs (1.21%)							\$41,331	\$41,331
3. Subtotal Direct Salary Costs and Indirect Costs							\$75,489	\$75,489
4. Travel							\$8,789	\$8,789
5. Other Non-Salary Costs							\$8,040	\$8,040
6. Subtotal Direct Non- Salary Costs							\$16,829	\$16,829
7. Subcontractors							\$94,310	\$94,310
8. Total WA Cost							\$186,628	\$186,628
9. Fixed Fee							\$9,059	\$9,059
10. Total Work Price							\$195,686	\$195,686

Project Manager (Engineer) _____

DATE: _____

URS Greiner Consultants, Inc.
 Contract Number D003825
 93 Main Street Site - Remedial Investigation
 Work Assignment D003825-11
 All Tasks
 Complete %

Page_2 of _8
 Date Prepared
 Billing Period
 Invoice No.

Schedule 2.11(g) - Supplemental

Cost Control Report for Subcontract

Subcontract Name	A Subcontract Cost Claimed this Application Incl. 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 Cost to Date (C plus F)
1 The Copy Cat (MBE)				\$792			
2 Portable Space				\$785			
3 Strategic Diagnostics				\$6,935			
4 GeoLogic NY, Inc. (WBE)				\$12,745	\$574		
5 Roger's Fence Company (WBE)				\$10,652	\$479		
6 TBD				\$16,000	\$720		
7 Mitkem Corp. (MBE)				\$21,735	\$978		
8 Buffalo Drilling				\$9,015			
9 TBD				\$8,000			
10 Galson Laboratories				\$4,900			
11							
12 TOTALS				\$91,559	\$2,751		

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

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

URS Greiner Consultants, Inc.
Contract Number D003825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
Task 1 - Work Plans 97-98 Rates
Complete %

Page_3 of _8
Date Prepared
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$6,787	\$6,787
2. Indirect Costs (1.21%)							\$8,212	\$8,212
3. Subtotal Direct Salary Costs and Indirect Costs							\$14,998	\$14,998
4. Travel							\$358	\$358
5. Other Non-Salary Costs							\$225	\$225
6. Subtotal Direct Non- Salary Costs							\$583	\$583
7. Subcontractors							\$592	\$592
8. Total WA Cost							\$16,174	\$16,174
9. Fixed Fee							\$1,800	\$1,800
10. Total Work Price							\$17,973	\$17,973

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

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

URS Greiner Consultants, Inc.
Contract Number D003825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
Task 2 - Site Characterization 97-98 Rates
Complete %

Page_4 of _8
Date Prepared
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$11,259	\$11,259
2. Indirect Costs (1.21%)							\$13,623	\$13,623
3. Subtotal Direct Salary Costs and Indirect Costs							\$24,882	\$24,882
4. Travel							\$4,013	\$4,013
5. Other Non-Salary Costs							\$3,635	\$3,635
6. Subtotal Direct Non- Salary Costs							\$7,648	\$7,648
7. Subcontractors							\$57,533	\$57,533
8. Total WA Cost							\$90,062	\$90,062
9. Fixed Fee							\$2,986	\$2,986
10. Total Work Price							\$93,048	\$93,048

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

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

URS Greiner Consultants, Inc.
Contract Number DO03825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
Task 2 - Site Characterization 98-99 Rates
Complete %

Page_5 of _8
Date Prepared
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$12,248	\$12,248
2. Indirect Costs (1.21%)							\$14,821	\$14,821
3. Subtotal Direct Salary Costs and Indirect Costs							\$27,069	\$27,069
4. Travel							\$4,117	\$4,117
5. Other Non-Salary Costs							\$4,053	\$4,053
6. Subtotal Direct Non- Salary Costs							\$8,170	\$8,170
7. Subcontractors							\$11,465	\$11,465
8. Total WA Cost							\$46,703	\$46,703
9. Fixed Fee							\$3,248	\$3,248
10. Total Work Price							\$49,951	\$49,951

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

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

URS Greiner Consultants, Inc.
Contract Number D003825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
Task 3 - Waste Disposal 98-99 Rates
Complete %

Page_6 of _8
Date Prepared
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$722	\$722
2. Indirect Costs (1.21%)							\$874	\$874
3. Subtotal Direct Salary Costs and Indirect Costs							\$1,596	\$1,596
4. Travel								
5. Other Non-Salary Costs							\$127	\$127
6. Subtotal Direct Non- Salary Costs							\$127	\$127
7. Subcontractors							\$16,720	\$16,720
8. Total WA Cost							\$18,443	\$18,443
9. Fixed Fee							\$191	\$191
10. Total Work Price							\$18,634	\$18,634

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

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

URS Greiner Consultants, Inc.
Contract Number D003825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
Task 4 - Citizen Participation 98-99 Rates
Complete %

Page_7 of _8
Date Prepared
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$814	\$814
2. Indirect Costs (1.21%)							\$986	\$986
3. Subtotal Direct Salary Costs and Indirect Costs							\$1,800	\$1,800
4. Travel							\$301	\$301
5. Other Non-Salary Costs								
6. Subtotal Direct Non- Salary Costs							\$301	\$301
7. Subcontractors								
8. Total WA Cost							\$2,101	\$2,101
9. Fixed Fee							\$216	\$216
10. Total Work Price							\$2,317	\$2,317

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

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

URS Greiner Consultants, Inc.
Contract Number D003825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
Task 5 - Supplemental Sampling 98-99 Rates
Complete %

Page_8 of _8
Date Prepared
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$2,328	\$2,328
2. Indirect Costs (1.21%)							\$2,817	\$2,817
3. Subtotal Direct Salary Costs and Indirect Costs							\$5,145	\$5,145
4. Travel								
5. Other Non-Salary Costs								
6. Subtotal Direct Non- Salary Costs								
7. Subcontractors							\$8,000	\$8,000
8. Total WA Cost							\$13,145	\$13,145
9. Fixed Fee							\$617	\$617
10. Total Work Price							\$13,762	\$13,762

Project Manager (Engineer) _____

DATE: _____

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

URS Greiner Consultants, Inc.
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11

Date Prepared 09/25/98
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	ADMIN EXP / EST	Total No. of Direct Labor Hrs. Exp/Est
TASK 1	0 / 4	0 / 5	0 / 68	0 / 48	0 / 4	0 / 64	0 / 33	0 / 24	0 / 0	0 / 11	0 / 261
TASK 2	0 / 1	0 / 3	0 / 20	0 / 80	0 / 0	0 / 248	0 / 0	0 / 200	0 / 0	0 / 0	0 / 552
TASK 3	0 / 2	0 / 6	0 / 26	0 / 85	0 / 0	0 / 90	0 / 112	0 / 140	0 / 186	0 / 0	0 / 647
TASK 4	0 / 1	0 / 0	0 / 4	0 / 0	0 / 0	0 / 16	0 / 0	0 / 12	0 / 0	0 / 0	0 / 33
TASK 5	0 / 0	0 / 0	0 / 20	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 4	0 / 0	0 / 24
TASK 6	0 / 1	0 / 2	0 / 10	0 / 0	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	0 / 0	0 / 113
TASK 7	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0
TOTAL HOURS:	0 / 9	0 / 16	0 / 148	0 / 213	0 / 4	0 / 468	0 / 145	0 / 426	0 / 190	0 / 11	0 / 1630

*Expended/Estimated

Schedule 2.11(i)

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

Engineer

Contract No. DO03825

- 1) Equipment Description:
Date of Purchase:
Purchase Price:
Dates and Location of Use Since Last Report:(Identify WA)
Present Storage Location:
Condition of Equipment:
Responsible Person and Phone No.:
- 2) Equipment Description:
Date of Purchase:
Purchase Price:
Dates and Location of Use Since Last Report:(Identify WA)
Present Storage Location:
Condition of Equipment:
Responsible Person and Phone No.:
- 3) Equipment Description:
Date of Purchase:
Purchase Price:
Dates and Location of Use Since Last Report:(Identify WA)
Present Storage Location:
Condition of Equipment:
Responsible Person and Phone No.:
- 4) Equipment Description:
Date of Purchase:
Purchase Price:
Dates and Location of Use Since Last Report:(Identify WA)
Present Storage Location:
Condition of Equipment:
Responsible Person and Phone No.:

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

SCHEDULE 2.11(a)

**Summary of Work Assignment Price
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11**

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	\$33,092
2) Indirect Costs (Schedule 2.10(g))	\$40,041
3) Direct Non-Salary Costs (Schedules 2.10(d)(e)(f) and 2.11(c)(d))	\$16,448

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>
None		\$0
4) Total Cost-Plus-Fixed-Fee Subcontracts		\$0

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

<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontract Price</u>
A) The Copy Cat (MBE)	Reproduction	\$792
✓B) Portable Space	Trailer Rental	\$785
✓C) Strategic Diagnostics	Immunoassay Test Kits For Herb/Pest	\$6,593
✓D) GeoLogic NY, Inc. (WBE)	Test Pit Excavation	\$3,745
✓E) Roger's Fence Company (WBE)	Install Fencing/Clearing	\$10,652
F) TBD	Waste Hauling/Drum Staging/Disposal	\$16,000
✓G) Mitkem Corp. (MBE)	Offsite Analytical Services	\$34,045
✓H) Buffalo Drilling	Monitoring Well Installation	\$9,013
✓I) GeoLogic NY, Inc. (WBE)	Geoprobe	\$9,000
✓J) esa Laboratories, Inc.	Air Monitoring Analysis	\$1,815
5) Total Unit Cost Subcontracts		\$92,440
6) Subcontract Management Fee		\$2,731
7) Total Subcontract Costs (lines 4 + 5 + 6)		\$95,171
8) Fixed Fee (Schedule 2.10(h))		\$8,776
9) Total Work Assignment Price (lines 1 + 2 + 3 + 7 + 8)		\$193,528

Schedule 2.11(b)

Direct Labor Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin.	Total Direct Labor Hrs.
*Avg. Salary Rate (\$) (Year_1997-98__)	\$49.73	\$43.95	\$37.00	\$29.85	\$24.50	\$20.48	\$17.33	\$14.35	\$11.71	\$8.55	
*Avg. Salary Rate (\$) (Year_1998-99__)	\$51.47	\$45.49	\$38.30	\$30.89	\$25.36	\$21.19	\$17.94	\$14.86	\$12.12	\$8.85	
Task 1 - Work Plans 97-98 Rates	4	5	68	45	4	64	33	24		11	258
Task 2 - Site Characterization 97-98 Rates	1	1	12	3		8		40			65
Task 2 - Site Characterization 98-99 Rates	2	8	44	165		348	112	310	186		1175
Task 3 - Waste Disposal 98-99 Rates	1		4			16		12			33
Task 4 - Citizen Participation 98-99 Rates			20						4		24
Total Hours	8	14	148	213	4	436	145	386	190	11	1555
Total Direct Labor Cost (\$)	\$403	\$628	\$5,564	\$6,530	\$98	\$9,188	\$2,581	\$5,703	\$2,303	\$94	\$33,092

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

SCHEDULE 2.11(backup)

DIRECT LABOR COSTS BUDGETED

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin	TOTALS
Average 1997-98 Rates	\$49.73	\$43.95	\$37.00	\$29.85	\$24.50	\$20.48	\$17.33	\$14.35	\$11.71	\$8.55	
Average 1998-99 Rates	\$51.47	\$45.49	\$38.30	\$30.89	\$25.36	\$21.19	\$17.94	\$14.86	\$12.12	\$8.85	
Task 1 - Work Plans 97-98 Rates	\$198.92	\$219.75	\$2,516.00	\$1,343.25	\$98.00	\$1,310.72	\$571.89	\$344.40		\$94.05	\$6,697
Task 2 - Site Characterization 97-98 Rates	\$49.73	\$43.95	\$444.00	\$89.55		\$163.84		\$574.00			\$1,365
Task 2 - Site Characterization 98-99 Rates	\$102.94	\$363.92	\$1,685.20	\$5,096.85		\$7,374.12	\$2,009.28	\$4,606.60	\$2,254.32		\$23,493
Task 3 - Waste Disposal 98-99 Rates	\$51.47		\$153.20			\$339.04		\$178.32			\$722
Task 4 - Citizen Participation 98-99 Rates			\$766.00						\$48.48		\$814
Total Hours	\$403.06	\$627.62	\$5,564.40	\$6,529.65	\$98.00	\$9,187.72	\$2,581.17	\$5,703.32	\$2,302.80	\$94.05	\$33,092

Schedule 2.11(b-1)

Direct Administrative Labor Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin	Total No. of Direct Labor Hrs.
Task 1 - Work Plans 97-98 Rates	3	2	16	1				6		4	32
Task 2 - Site Characterization 97-98 Rates		2	9	2			2	4	14		33
Task 2 - Site Characterization 98-99 Rates											
Task 3 - Waste Disposal 98-99 Rates											
Task 4 - Citizen Participation 98-99 Rates											
Total Hours	3	4	25	3			2	10	14	4	65

Contract/Project administrative hours would include but not necessarily be limited to the following activities

1) Work Plan Development

- Conflict of Interest Check
- Develop budget schedules and supporting documentation

2) Review Work Assignment (WA) Progress

- Conduct progress reviews
- Prepare monthly project report
- Update WA progress schedule
- Prepare monthly M/MBE Utilization Report

3) Review Work Assignment Costs

4) CAP Preparation

- Oversee and prepare monthly CAP
- Respond to payment issues/disallowances

- NSPE list updates

- Equipment Inventory

5) Manage subcontracts

- 6) Implement and manage program management and staffing plans

7) Conduct Health and Safety Reviews

Contract/Project administrative hour would not include activities such as:

1) QA/QC reviews

2) Technical oversight by management

3) Develop subcontracts

4) Work Plan Development

(other than COI and budget preparation)

5) Review of deliverables

SCHEDULE 2.11(c)

Direct Non-Salary Costs
Work Assignment D003825-11

Item	Max Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Estimated Cost \$
A) SAMPLE ANALYSIS RATE			
NONE			
B) MISCELLANEOUS			
1 MILEAGE	\$0.31 /MILE	4840	\$1,500.40
2 CAR RENTAL	\$50.00 /DAY	32	\$1,600.00
3 PER DIEM HOTEL	\$54.00 /DAY	66	\$3,564.00
4 PER DIEM MEALS	\$34.00 /DAY	66	\$2,244.00
5 GAS	\$50.00 /L.S.	4	\$200.00
6 TOLLS	\$1.00 /L.S.	60	\$60.00
9 PHOTO	\$50.00 /L.S.	1	\$50.00
25 BLUE PRINTS	\$50.00 /L.S.	1	\$50.00
Total Direct Non-Salary Costs			\$9,268.40

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])
None				
				TOTAL: \$0.00

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

Schedule 2.11(d) 2

Maximum Reimbursement Rates For Consultant Owned Equipment

Item	Purchase Price x 85%	Usage Rate* (\$/Day)	Capital Recovery Rate (\$/Day)	O & M Rate (\$/Unit of Time)	Est. Usage Days	Est. Usage Cost (\$) (Col. 3 x 6)
GPS UNIT	\$55,195.00	\$135.00	\$105.00	\$30.00	1	\$135.00
WATERA PUMP	\$2,635.00	\$16.00	\$7.00	\$9.00	8	\$128.00
PID	\$4,127.00	\$45.00	\$22.00	\$23.00	20	\$900.00
THEODOLITE (WILD T-2000)	\$10,000.00	\$40.00	\$30.00	\$10.00	7	\$280.00

TOTAL: \$1,443.00

* Usage Rate = Capital Recovery Rate + O&M Rate.

* The maximum usage rate for an item of equipment reverts to the O&M rate when the total capital recovery reimbursement rate exceed 85% of the purchase price.

Schedule 2.11(d) 3

Work Assignment No. DO03825-11

Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Max. Reimbursement Rate (\$)*	Max. Reimbursement Rate (\$)*	Est. Usage (Unit of Time)	Est. Rental Cost (\$) (Col. 2 x 3)
GENERATOR	\$50.00	\$50.00/Day	20	\$1,000
AIR SAMPLING PUMPS	\$325.00	\$325.00/Week	2	\$650
MINIRAM	\$210.00	\$210.00/Week	2	\$420
PORT-O-LET	\$75.00	\$75.00/Month	2	\$150
TOTAL:				\$2,220.00

Site-Dedicated Equipment

TOTAL: _____ \$0.00

Schedule 2.11(d) 5**Work Assignment No. DO03825-11****Consumable Supplies**

Item	Estimated Quantity	Unit Costs (\$)	Total Budgeted Cost (Col. 2 x 3) (\$)
* pH/CON./TEMP./TURB. METER	200 Hours	\$0.80	\$160
DISPOSABLE BAILERS	5 Each	\$10.00	\$50
HDPE TUBING	200 Feet	\$0.14	\$28
H&S LEVEL "D" PPE	69 Manday	\$13.00	\$897
H&S LEVEL "C" PPE	16 Manday	\$27.00	\$432
ORANGE FENCING & POSTS	1 L.S.	\$250.00	\$250
MISC SAMPLING EQUIPMENT	2 Each	\$150.00	\$300
WINDSOCK	1 Each	\$100.00	\$100
FEDERAL EXPRESS	16 Each	\$75.00	\$1,200
MISC	1 Each	\$100.00	\$100
TOTAL:			<u>\$3,517.00</u>

Schedule 2.11(f) (1 of 4)

**Unit Price Subcontracts
Work Assignment D003825-11**

A. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
The Copy Cat (MBE)	Reproduction	\$792	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Photocopies	\$0.06 /Page	12000	\$720
Binding	\$3.00 /Each	24	\$72

Subtotal Subcontract Price	\$792
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Subcontract Management Fee

TOTAL	\$792
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B. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Portable Space	Trailer Rental	\$785	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Delivery/setup/takedown/pickup	\$250.00 /L.S.	1	\$250
Trailer Rental	\$185.00 /Month	2	\$370
Steps	\$20.00 /Month	2	\$40
Tax	\$22.50 /Month	2	\$45
Block and Level	\$80.00 /L.S.	1	\$80

Subtotal Subcontract Price	\$785
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Subcontract Management Fee

TOTAL	\$785
--------------	--------------

Schedule 2.11(f) (2 of 4)

**Unit Price Subcontracts
Work Assignment D003825-11**

C. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Strategic Diagnostics	Immunoassay Test Kits For Herb/Pest	\$6,593	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
2,4-d Test Kit	\$525.00 /Each	1	\$525
Extraction Kits	\$120.00 /Each	5	\$600
DDT Test Kit	\$315.00 /Each	5	\$1,575
Extraction Kits	\$97.00 /Each	5	\$485
Chlordane Test Kit	\$315.00 /Each	5	\$1,575
Extraction Kits	\$102.00 /Each	5	\$510
Spectrophotometer with Magnetic Rack & Vortex	\$800.00 /Month	1	\$800
Tips (96 pack)	\$6.90 /Each	1	\$7
repipet tips	\$1.20 /Each	6	\$7
2,4 Diluent	\$12.00 /Each	2	\$24
Dilution Kit	\$60.00 /Each	2	\$120
Shipping and Handling	\$365.00 /L.S.	1	\$365
Subtotal Subcontract Price			\$6,593
Subcontract Management Fee			
TOTAL			\$6,593

D. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
GeoLogic NY, Inc. (WBE)	Test Pit Excavation	\$3,745	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Mob/Demob	\$100.00 /L.S.	1	\$100
Backhoe, 2 Man Crew (Level D)	\$1,100.00 /Day	3	\$3,300
Steam Cleaner	\$85.00 /Day	3	\$255
Decon Pad	90 /L.S.	1	\$90
Subtotal Subcontract Price			\$3,745
Subcontract Management Fee			
TOTAL			\$3,745

Schedule 2.11(f) (3 of 4)

**Unit Price Subcontracts
Work Assignment D003825-11**

E. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Roger's Fence Company (WBE)	Install Fencing/Clearing	\$10,652	\$479

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Install 500 LF of Chain Fence	\$9,897.00 /L.S.	1	\$9,897
Site Clearing	\$755.00 /Day	1	\$755

Subtotal Subcontract Price	\$10,652
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Subcontract Management Fee	\$479
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TOTAL	\$11,131
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F. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
TBD	Waste Hauling/Drum Staging/Disposal	\$16,000	\$720

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Waste/Soil Drums	\$750.00 /EA	10	\$7,500
Waste Water Drum	\$425.00 /EA	20	\$8,500

Subtotal Subcontract Price	\$16,000
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Subcontract Management Fee	\$720
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TOTAL	\$16,720
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G. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Mitkem Corp. (MBE)	Offsite Analytical Services	\$34,045	\$1,532

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Soil: Target Compound List (TCL)			
Volatiles plus TICs	\$110.00 /Sample	22	\$2,420
TCL Semivolatiles Plus TICs	\$225.00 /Sample	22	\$4,950
TCL Pesticides/PCBs	\$150.00 /Sample	31	\$4,650
TCL Metals plus Mercury plus Cyanide	\$140.00 /Sample	21	\$2,940
Herbicides	\$200.00 /Sample	29	\$5,800
Groundwater:			
Volatiles plus TICs	\$110.00 /Sample	14	\$1,540
TCL Semivolatiles Plus TICs	\$200.00 /Sample	11	\$2,200
TCL Pesticides/PCBs	\$140.00 /Sample	24	\$3,360
TCL Metals plus Mercury plus Cyanide	\$130.00 /Sample	10	\$1,300
Herbicides	\$200.00 /Sample	23	\$4,600
Expedited turnaround time			
Herbicides 10% for 2 weeks	\$20.00 /Sample	3	\$60.00
Pesticides 50% for 2 days	\$75.00 /Sample	3	\$225.00

Subtotal Subcontract Price	\$34,045
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Subcontract Management Fee	\$1,532
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TOTAL	\$35,577
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Schedule 2.11(f) (4 of 4)

**Unit Price Subcontracts
Work Assignment D003825-11**

H. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
Buffalo Drilling	Monitoring Well Installation	\$9,013	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Mob	\$200.00 /L.S.	1	\$200
Per Diem	\$100.00 /PERSON/DAY	6	\$600
4.25 inch ID Hollow Stem Augers	\$9.00 /L.F.	150	\$1,350
Split Spoon Sampling 2 Inch OD	\$7.50 /EA	75	\$563
2 Inch ID. #10 Slot	\$12.50 /L.F.	50	\$625
2 Inch ID.	\$8.00 /L.F.	100	\$800
Flush Mount 8.0 Inch Protector	\$150.00 /EA	5	\$750
DOT Approved 55 Gallon Drums	\$45.00 /EA	30	\$1,350
Moving 55 Gallon Drums	\$125.00 /HR	5	\$625
Decontamination Pad	\$400.00 /L.S.	1	\$400
Decontamination Of Equipment	\$125.00 /HR	8	\$1,000
Steam Cleaner Rental	\$125.00 /DAY	6	\$750
Subtotal Subcontract Price			\$9,013
Subcontract Management Fee			
TOTAL			\$9,013

I. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
GeoLogic NY, Inc. (WBE)	Geoprobe	\$9,000	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Mobilization/Demobilization	No Charge	2	
Geoprobe, 10 hrs/day (Level D)	\$900.00 /DAY	10	\$9,000
Subtotal Subcontract Price			\$9,000
Subcontract Management Fee			
TOTAL			\$9,000

J. Name of Contractor	Services to be Performed	Subcontract Price	Management Fee
esa Laboratories, Inc.	Air Monitoring Analysis	\$1,815	

Item	Max. Reimbursement Rate (Specify Unit)	Est. No. Of Units	Total Est. Cost
Nusiance dust analysis	\$18.50 /Each	20	\$370
Aromatic Hydrocarbon analysis	\$72.25 /Each	20	\$1,445
Subtotal Subcontract Price			\$1,815
Subcontract Management Fee			
TOTAL			\$1,815

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Greiner Consultants, Inc.
 Contract Number D003825
 93 Main Street Site - Remedial Investigation
 Work Assignment D003825-11
 All Tasks
 Complete %

Page_1 of _7
 Date Prepared 10/20/98
 Billing Period
 Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$33,092	\$33,092
2. Indirect Costs (1.21%)							\$40,041	\$40,041
3. Subtotal Direct Salary Costs and Indirect Costs							\$73,133	\$73,133
4. Travel							\$9,168	\$9,168
5. Other Non-Salary Costs							\$7,280	\$7,280
6. Subtotal Direct Non- Salary Costs							\$16,448	\$16,448
7. Subcontractors							\$95,171	\$95,171
8. Total WA Cost							\$184,752	\$184,752
9. Fixed Fee							\$8,776	\$8,776
10. Total Work Price							\$193,528	\$193,528

Project Manager (Engineer) _____

DATE: _____

URS Greiner Consultants, Inc.
 Contract Number D003825
 93 Main Street Site - Remedial Investigation
 Work Assignment D003825-11
 All Tasks
 Complete %

Page_2 of _7
 Date Prepared
 Billing Period
 Invoice No.

Schedule 2.11(g) - Supplemental

Cost Control Report for Subcontract

Subcontract Name	A Subcontract Cost Claimed this Application Incl. 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 Cost to Date (C plus F)
1 The Copy Cat (MBE)				\$792			
2 Portable Space				\$785			
3 Strategic Diagnostics				\$6,593			
4 GeoLogic NY, Inc. (WBE)				\$3,745			
5 Roger's Fence Company (WBE)				\$10,652	\$479		
6 TBD				\$16,000	\$720		
7 Mitkem Corp. (MBE)				\$34,045	\$1,532		
8 Buffalo Drilling				\$9,013			
9 GeoLogic NY, Inc. (WBE)				\$9,000			
10 esa Laboratories, Inc.				\$1,815			
11							
12 TOTALS				\$92,440	\$2,731		

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

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

URS Greiner Consultants, Inc.
Contract Number D003825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
Task 1 - Work Plans 97-98 Rates
Complete %

Page_3 of _7
Date Prepared
Billing Period
Invoice No.

Expenditure Category	A	B	C	D	E	F	G	H
Category	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$6,697	\$6,697
2. Indirect Costs (1.21%)							\$8,103	\$8,103
3. Subtotal Direct Salary Costs and Indirect Costs							\$14,800	\$14,800
4. Travel							\$324	\$324
5. Other Non-Salary Costs							\$225	\$225
6. Subtotal Direct Non- Salary Costs							\$549	\$549
7. Subcontractors							\$592	\$592
8. Total WA Cost							\$15,942	\$15,942
9. Fixed Fee							\$1,776	\$1,776
10. Total Work Price							\$17,718	\$17,718

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

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

URS Greiner Consultants, Inc.
Contract Number D003825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
Task 2 - Site Characterization 97-98 Rates
Complete %

Page 4 of 7
Date Prepared
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$1,365	\$1,365
2. Indirect Costs (1.21%)							\$1,652	\$1,652
3. Subtotal Direct Salary Costs and Indirect Costs							\$3,017	\$3,017
4. Travel							\$4,129	\$4,129
5. Other Non-Salary Costs							\$3,435	\$3,435
6. Subtotal Direct Non- Salary Costs							\$7,564	\$7,564
7. Subcontractors							\$68,846	\$68,846
8. Total WA Cost							\$79,427	\$79,427
9. Fixed Fee							\$362	\$362
10. Total Work Price							\$79,789	\$79,789

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

Monthly Cost Control Report
Summary of Fiscal Information

URS Greiner Consultants, Inc.
 Contract Number D003825
 93 Main Street Site - Remedial Investigation
 Work Assignment D003825-11
 Task 2 - Site Characterization 98-99 Rates
 Complete %

Page 5 of 7
 Date Prepared
 Billing Period
 Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$23,493	\$23,493
2. Indirect Costs (1.21%)							\$28,427	\$28,427
3. Subtotal Direct Salary Costs and Indirect Costs							\$51,920	\$51,920
4. Travel							\$4,253	\$4,253
5. Other Non-Salary Costs							\$3,493	\$3,493
6. Subtotal Direct Non- Salary Costs							\$7,746	\$7,746
7. Subcontractors							\$9,013	\$9,013
8. Total WA Cost							\$68,679	\$68,679
9. Fixed Fee							\$6,230	\$6,230
10. Total Work Price							\$74,909	\$74,909

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

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

URS Greiner Consultants, Inc.
Contract Number D003825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
Task 3 - Waste Disposal 98-99 Rates
Complete %

Page 6 of 7
Date Prepared
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$722	\$722
2. Indirect Costs (1.21%)							\$874	\$874
3. Subtotal Direct Salary Costs and Indirect Costs							\$1,596	\$1,596
4. Travel							\$136	\$136
5. Other Non-Salary Costs							\$127	\$127
6. Subtotal Direct Non- Salary Costs							\$263	\$263
7. Subcontractors							\$16,720	\$16,720
8. Total WA Cost							\$18,579	\$18,579
9. Fixed Fee							\$191	\$191
10. Total Work Price							\$18,771	\$18,771

Project Manager (Engineer) _____

DATE: _____

Schedule 2.11(g)

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

URS Greiner Consultants, Inc.
Contract Number DO03825
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11
Task 4 - Citizen Participation 98-99 Rates
Complete %

Page 7 of 7
Date Prepared
Billing Period
Invoice No.

Expenditure Category Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment Price (A+B+E)	Approval Budget	Estimated Over/Under (G-F)
1. Direct Salary Costs							\$814	\$814
2. Indirect Costs (1.21%)							\$986	\$986
3. Subtotal Direct Salary Costs and Indirect Costs							\$1,800	\$1,800
4. Travel							\$326	\$326
5. Other Non-Salary Costs								
6. Subtotal Direct Non- Salary Costs							\$326	\$326
7. Subcontractors								
8. Total WA Cost							\$2,126	\$2,126
9. Fixed Fee							\$216	\$216
10. Total Work Price							\$2,342	\$2,342

Project Manager (Engineer) _____

DATE: _____

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

URS Greiner Consultants, Inc.
93 Main Street Site - Remedial Investigation
Work Assignment D003825-11

Date Prepared 10/20/98
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	ADMIN EXP / EST	Total No. of Direct Labor Hrs. Exp/Est
TASK 1	0 / 4	0 / 5	0 / 68	0 / 45	0 / 4	0 / 64	0 / 33	0 / 24	0 / 0	0 / 11	0 / 258
TASK 2	0 / 1	0 / 1	0 / 12	0 / 3	0 / 0	0 / 8	0 / 0	0 / 40	0 / 0	0 / 0	0 / 65
TASK 2	0 / 2	0 / 8	0 / 44	0 / 165	0 / 0	0 / 348	0 / 112	0 / 310	0 / 186	0 / 0	0 / 1175
TASK 3	0 / 1	0 / 0	0 / 4	0 / 0	0 / 0	0 / 16	0 / 0	0 / 12	0 / 0	0 / 0	0 / 33
TASK 4	0 / 0	0 / 0	0 / 20	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 4	0 / 0	0 / 24
TOTAL HOURS:	0 / 8	0 / 14	0 / 148	0 / 213	0 / 4	0 / 436	0 / 145	0 / 386	0 / 190	0 / 11	0 / 1555

*Expended/Estimated

Schedule 2.11(i)

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

Engineer

Contract No. DO03825

- 1) Equipment Description:
Date of Purchase:
Purchase Price:
Dates and Location of Use Since Last Report:(Identify WA)
Present Storage Location:
Condition of Equipment:
Responsible Person and Phone No.:
- 2) Equipment Description:
Date of Purchase:
Purchase Price:
Dates and Location of Use Since Last Report:(Identify WA)
Present Storage Location:
Condition of Equipment:
Responsible Person and Phone No.:
- 3) Equipment Description:
Date of Purchase:
Purchase Price:
Dates and Location of Use Since Last Report:(Identify WA)
Present Storage Location:
Condition of Equipment:
Responsible Person and Phone No.:
- 4) Equipment Description:
Date of Purchase:
Purchase Price:
Dates and Location of Use Since Last Report:(Identify WA)
Present Storage Location:
Condition of Equipment:
Responsible Person and Phone No.:

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