

**FORCE ACCOUNT
WORK PLAN**

for

INTERIM REMEDIAL MEASURES

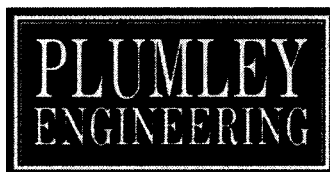
and

SITE INVESTIGATION ACTIVITIES

at the

MATT PETROLEUM SITE
Leland Avenue
City of Utica, Oneida County, New York
DEC Site No. B00192-6

Prepared by:



8232 Loop Road
Baldwinsville, New York 13027
(315) 638-8587
Project No. 2003118

January 2004

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INTRODUCTION

As part of the Environmental Restoration (Brownfields) project at the former Matt Petroleum Terminal located on Leland Avenue in the City of Utica, Oneida County, New York, the City of Utica is proposing to utilize its employees and equipment to complete three project tasks:

- Demolition of site buildings.
- Demolition of aboveground tank pads.
- Excavation of subsurface investigation test pits.

In addition, the City Engineering Department will have its own employees completing site oversight on a number of construction activities.

This work plan outlines the work to be completed by the City and the estimated costs. The New York State Department of Environmental Conservation (DEC) will reimburse the City in accordance with the terms of the Brownfields Contract between the City of Utica and the DEC.

SCOPE OF WORK

The following work will be performed by the City:

Building Demolition:

This task includes asbestos abatement and demolition of three buildings on the property. The City of Utica Engineering Department will hire a contractor for asbestos abatement. The City of Utica Department of Public Works (DPW) will complete building demolitions and disposal.

Tank Pad Demolition:

This task involves demolition of the concrete pads that support the aboveground vertical tanks. The City of Utica DPW will complete demolitions and disposal.

Test Pit Excavation:

The City of Utica DPW will provide an excavator and operator to complete the excavation of test pits for the initial subsurface investigation.

All work to be carried out by the City will be coordinated with other activities that will be carried out on the site.

A listing of employees and hourly rate schedule of equipment to be utilized in completing this work are attached. All employees have completed a 40-Hour Environmental Health and Safety class in accordance with 40CFR 1910. Completion dates of this training are also attached.

Documentation of personnel and equipment on the project site will be logged daily on a Personnel and Equipment Daily Log sheet. A copy of this log sheet is attached.

The City of Utica DPW has demonstrated in the past that it can complete tasks such as these in an effective and efficient manner. Past projects have been completed for costs that are competitive to outside contractors.

The City has completed the demolition of numerous buildings in the City. Use of DPW resources eliminates the administrative costs associated with hiring outside contractors. In addition, demolition work by its very nature presents a greater potential of uncovering unexpected site conditions. As a result, demolition work presents a greater likelihood of incurring change orders

and delays. Use of DPW personnel minimizes the costs and delays associated with the discovery of unknown situations.

No drawings detailing construction of the aboveground tank pads have been found. The lack of construction drawings poses a problem with the development of a good construction contract that can competitively be bid for their demolition. City personnel will have equipment on-site from the building demolition work when the tank demolition contractor completes removal of the aboveground tanks. Using the DPW equipment and manpower for demolition of the tank pads eliminates the need to write a contract for this work and provides the required flexibility to deal with whatever is found beneath the tanks.

The DPW will also provide an excavator and operator for excavating test pits during the subsurface investigation. The flexibility of using the City's resources instead of a hired contractor will be beneficial in completing this task.

Representatives from the City's Engineering Department will be on-site to inspect the demolition work. The City's Principal Engineer will conduct full-time inspection during the aboveground tank demolition contract. He will also oversee the tank pad demolition being completed by the DPW on an intermittent basis. The City's Civil Engineer will inspect the work of the asbestos abatement contractor, as well as oversee, on a part-time basis, the building demolition work and the test pit excavations being completed by the DPW. Administration of the aboveground tank removal contract and the asbestos abatement contract will also be completed by the Civil Engineer.

PROGRAM POLICY REQUIREMENTS

All requirements of Section 10.3, Force Account Work, will be followed in carrying out these work tasks. Records will be kept of employee time and equipment time for each specific work task.

BUDGET

The estimated budget for the labor and equipment to complete the work identified above is \$107,034. Refer to the attached table for a detailed breakdown of costs.

The hours allocated to inspection of the aboveground tank removal contract are based on an estimated contract duration of two and one-half weeks. The building demolition work is anticipated to take approximately two weeks. The demolition and removal of the tank pads is also budgeted based on a two-week duration. Test pits are expected to be completed in one week.

ATTACHMENTS

**CITY OF UTICA
BROWNFIELD SITE NO. BOO192-6
MATT PETROLEUM**

MUNICIPAL EMPLOYEES - CITY OF UTICA ENGINEERING DEPARTMENT

JONEEN MATTHEWS - DEP. CITY ENGINEER	\$42.03 /HR
EUGENE SANTA CROCE - PRINCIPAL ENGINEER	\$47.76 /HR
DEBORAH DAY - CIVIL ENGINEER	\$37.00 /HR

MUNICIPAL EMPLOYEES - CITY OF UTICA DEPARTMENT OF PUBLIC WORKS

WILLIAM SCHRADER - DEP. D.P.W. COMMISSIONER	\$39.23 /HR
CLYDE ROTACH - HEAVY EQUIPMENT OPERATOR	\$22.37 /HR
JACK KENNEDY - HEAVY EQUIPMENT OPERATOR	\$22.37 /HR
JOHN GOREA - HEAVY EQUIPMENT OPERATOR	\$22.37 /HR
KENNETH ELLIOT - HEAVY EQUIPMENT OPERATOR	\$22.37 /HR
RICHARD CONTE - HEAVY EQUIPMENT OPERATOR	\$22.37 /HR.
DANIEL EANNIELLO - HEAVY EQUIPMENT OPERATOR	\$22.37 /HR.

HOURLY RATES

Equipment-D.P.W.

Excavator -	1 c.y. capacity, hydraulic crawler mounted \$600.00/day + \$22.25/hr. operating cost =	\$97.25/hr.
Backhoe-	Rubber tired 5/8 c.y. capacity, 45 h.p. \$217.00/day + \$7.15/hr. operating cost =	\$34.28/hr.
Bulldozer-	75 h.p. \$335.00/day + \$9.95/hr. operating cost=	\$51.83/hr.
Front End Loader-	1-1/2 c.y., 80 h.p. \$375.00/day + \$9.75/hr. operating cost=	\$56.63/hr.
Dump Truck-	16 ton \$475.00/day + \$20.28/hr. operating cost=	\$79.66/hr.
Hydraulic Hammer-	1,200 ft./# \$335.00/day + \$1.70/hr. operating cost=	\$43.58/hr.

Labor-City of Utica D.P.W.

Heavy Equipment Operator-	<u>Base/Fringe</u> \$22.37/hr.
Truck Driver-	\$19.79/hr.
Laborer-	\$20.25/hr.



Jack Eisenbach Engineering, P.C.

251 Genesee Street, Utica, New York 13501-315-735-1916 Fax 315-735-6366 E-mail je@prominetinc.com

MEMORANDUM

(By fax only)

To: Gene S.
From: Brenda Card
Re: HAZWOPER REFRESHER
Date: January 16, 2004
Project #04800

NOTES/COMMENTS:

This is the list of people who were issued HAZWOPER cards on June 18, 2003.

Eugene Santacroce

Jeffery Lottermoser

Joe DeSarro

Clyde Rotach

Daniel Eanniello

Deborah Day

Richard Conte

Jack Kennedy

Kenneth Elliot

John Gorea

William Shrader

Is this the information you wanted? If you need something else, please call me at 735-1916.

CITY OF UTICA
BROWNFIELD SITE NO. BOO192-6
MATT PETROLEUM

PERSONNEL AND EQUIPMENT - DAILY LOG DATE: _____

PERSONNEL

<u>NAME</u>	<u>IN</u>	<u>OUT</u>	<u>IN</u>	<u>OUT</u>	<u>SIGNATURE</u>

<u>EQUIPMENT</u>	<u>HOURS</u>

SUPERVISOR _____

MATT PETROLEUM SITE
ENVIRONMENTAL RESTORATION PROJECT
Site Investigation and Remedial Alternatives Report
Interim Remedial Measures

FORCE ACCOUNT WORK BUDGET TABLE

Description	Principal Engineer	Civil Engineer	Equip. Operator	DPW Comm.	Excav.	Dozer	Loader	Hyd. Hammer	Dump Truck	Decon. Unit	Disposal	TOTALS
Billing Rate	\$47.76	\$37.00	\$22.37	\$39.23	\$97.25	\$51.83	\$56.63	\$43.58	\$79.66	\$100.00	NA	Task Totals
Units	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Day	LS	
Building Demolition		10	360	0	80	80	80		80	10	\$ 30,000	\$62,252.80
Tank Pad Demolition	10		360	0	80	80	80	80	80			\$34,846.80
Excavation of Test Pits		8	40	0	40							\$5,080.80
Engineering Inspection												
Asbestos Abatement		5										\$185.00
Tank Removal	90											\$4,298.40
Contract Administration		10										\$370.00
TOTAL UNITS	100	33	760	0	200	160	160	80	160	10	NA	
TOTAL FORCE ACCOUNT WORK	\$4,776	\$1,221	\$17,001	\$0	\$19,450	\$8,293	\$9,061	\$3,486	\$12,746	\$1,000	\$30,000	\$107,033.80