MONTHLY TASK REPORT (TR-1)

THROUGH DECEMBER 1982

ENGINEERING AND TECHNICAL SERVICES
FOR
SITE INVESTIGATIONS AND REMEDIAL ALTERNATIVE EVALUATIONS
AT THE
P.A.S. SITE, OSWEGO, NEW YORK

URS Company, Inc.
625 Delaware Avenue
Buffalo, New York 14202

RECEIVED
JAN 14 1983
BUREAU OF HAZARDOUS WASTE
DIVISION OF SOLID WASTE

1. DISCUSSION OF TECHNICAL PROGRESS

1.1 Objectives of Reporting Period

1.1.1 Project Initiation

a. Health and Safety Plan
b. Quality Assurance/Quality Control Plan
c. Review of historical data
d. Expansion of site base map
e. Development of procedures for studying the extent of contamination and identifying contaminant pathways

1.1.2 Extent of Contamination and Identification of Pathways

a. Geophysical studies
b. Stream water and sediment sample collection and analysis
c. Installation of test pits, trenches, wells, and exploratory borings, including sample collection.

1.2 Work Accomplished/Results Achieved

1.2.1 Project Initiation

The projects schedule, cost and implementation were modifed to account for winter operation. The present plan calls for continued operation until the weather shuts down the site.

Both the Health and Safety Plan and the Quality Assurance/Quality Control Plan were submitted to and reviewed by the NYSDEC and USEPA (Region II), and the appropriate changes have been made.

All historical data collected during prior EPA studies have been reviewed by the principal investigators.

The work necessary to expand the site base map to include the up-gradient Oswego County Landfill and the down-gradient area to Lake Ontario has been initiated. Several attempts to obtain new aerial photographs during November and early December proved fruitless; however, this photography has recently been completed.

The development of initial procedures required to complete the investigation of the contamination of the site was completed.

1.2.2 Extent of Contamination and Identification of Pathways

Several geophysical techniques have been used in an attempt to provide information on both the subsurface lithology at the P.A.S. Site and the extent of contamination and contaminant migration. Terrain conductivity was utilized onsite, as well as throughout the area surrounding the P.A.S. site. A map illustrating the various conductivity contours is currently being developed. Surface resistivity measurements were taken near possible bore hole or monitoring well installation locations, and seismic refraction was also employed on the site. A report discussing the data obtained using these techniques which describe the subsurface environment is also being prepared. Briefings on the results of the geophysical survey were held with both NYSDEC and City and County Officials.

Thirteen stream sampling sites on both Wine and White Creeks were determined, and water samples were obtained on two separate days which represented both high and low baseflow conditions for these streams. Stream sediment samples were also obtained at these sites. Chemical analyses have been completed on the water samples.

The installation of test pits, trenches, bore holes and monitoring wells has begun, and has progressed as follows:

Test Pits: 11 of 17 finished and sampled
Trenches: 0 of 3 finished
Bore Holes: 5 of 14 finished, sampled and logged
Monitoring Wells: 0 of 16 finished

1.3 Problems Encountered

Several problems were encountered during this reporting period:

a. The progress of bore hole installation was particularly slow do to the density of the glacial till underlying the site.
b. Buried barrels were located on the site during the installation of test pits.
c. Access to the steamfitter's property on E. Seneca Street was not obtained.

1.4 Objectives for the Next Reporting Period

Geophysical studies and the final reports will be completed during January.

The remainder of the work required to complete the installation of test pits, trenches, bore holes and monitoring wells will be undertaken. In conjunction, all physical and chemical analyses of soil samples are to be completed.

An evaluation of the existing and potential effects of the P.A.S. site on the environment is expected to be begun during the next reporting period.

THROUGH DECEMBER 1982

COST SUMMARY

Firm	Task	Budgeted Costs for Work Scheduled	Actual Costs of Work Performed*
Woodward-Clyde	2.1.1	$ 1,750	$ 1,450
	2.1.2	$ 33,800	$ 51,150
GCA	2.1.1	$ 9,550	$ 28,500
	2.1.2	$ 48,900	$ 49,100
Earth Dimensions	2.1.1	$ 1,000	$ 1,800
	2.1.2	$ 30,500	$ 44,600
URS	2.1.1	$ 6,500	$ 6,800
	2.1.2	$ 700	$ 14,650
			$ 198,050

* There may be an increase in direct costs that have not been logged through.

% of completed work
graphical representation

File on eDOCs X Yes ____ No
Site Name PAS
Site No. 738001
County Oswego
Town Oswego
Foilable ~ Yes ____ No
File Name 1982-12d - Monthly Report
Scanned & eDOC ____