



**CERTIFIED
ENVIRONMENTAL
CONSULTING INC.**

proposal

September 4, 1992

REF: PRO-1383.92

Ms. Lynn Nightingale
102 Flying Cloud Isle
Foster City, CA 94404
(415) 468-4900
(415) 468-0167 FAX

**Subject: Proposal for Delineation of Contamination from Heating Oil Tanks at
4629 Martin Luther King Jr. Way, Oakland, California**

Dear Ms. Nightingale:

Certified Environmental Consulting, Inc. (CEC) is pleased to provide a cost estimate for the delineation of contamination from the heating oil tanks at 4629 Martin Luther King Jr. Way, Oakland. It is our understanding that SEMCO will re-excavate the tank pits to remove any contaminated soil between the curb and building. They will not be able to remove contamination close to or under the building because of the potential for building collapse. Likewise, they can not excavate beyond the curb line because of the major utilities in that area. This proposal is to provide the necessary information to determine how extensive the soil and groundwater contamination is beyond the curb line and under the building.

The investigation will consist of drilling up to ten soil borings to 20 feet deep, using a hollow stem auger. Water is expected between 14 to 18 feet below grade. Samples will be collected each 5-foot of depth and from the ground water. Each soil sample will be screened with an Organic Vapor Meter (OVM) to determine which samples will require laboratory analysis. At least one soil sample from each boring will be analyzed for TPH-D and Oil & Grease. Regulatory approval will be requested to eliminate the need for the BTEX and lead analysis.

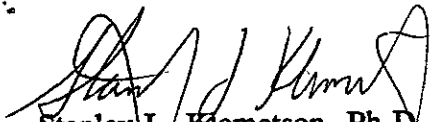
It is anticipated that each soil boring will be approximately 5 feet from the existing excavation. If contamination is detected, it may be necessary to make some field corrections in the proposed drilling locations. Because some drilling and sampling will be done within the confines of the building, a smaller drill rig will have to be implemented. It is estimated that drilling can be completed within two days, but it may take three days if difficulties are encountered because of concrete coring or buried utilities. CEC is generally able to start the site work within about 5 days after we have received approval of our work plan by the Regulator.

Lynn Nightingale
PRO-1383.92
September 4, 1992
Page 2

Attached is our cost estimate for the work. Since this is a time and material contract, we will only spend the amount of money necessary to complete the required work. To confirm your acceptance of this proposal, please sign and return the attached contract.

Please call if you have any questions. We are looking forward to working with you on this project.

Sincerely,

A handwritten signature in black ink, appearing to read "Stanley L. Klemetson". The signature is fluid and cursive, with a large initial "S" and "K".

Stanley L. Klemetson, Ph.D., P.E.
Sr. Vice President

Thomas C. Gillespie
Staff Geologist

SCHEDULE A

CERTIFIED ENVIRONMENTAL CONSULTING, INC. 140 WEST INDUSTRIAL WAY, BENICIA, CA 94510-1016 (707) 745-0171, (800) 447-0171, FAX (707) 745-0163	
PRO# 1383.92 DATE: September 4, 1992	DESCRIPTION: Soil Drilling and Sample Analysis
SUBMITTED TO: 102 Flying Cloud Isle Foster City, CA 94404	WORK SITE: 4629 Martin Luther King, Jr. Way Oakland, California
CONTACT: Lynn Nightingale	PHONE (415) 468-4900 FAX (415) 468-0167

Assumptions:

- o Groundwater is 14 to 18 feet below grade.
- o Concrete in building is less than 6 inches thick.
- o Contamination does not extend beyond selected drilling locations.
- o Samples will be screened with an organic vapor meter; those with TPH concentrations above 10 ppm will be submitted for laboratory analysis.
- o Drilling will require 2 days.
- o No analysis required for BTEX or lead.

Scope of Work:

o	TASK 1 - Preparation of Work Plan	\$ 1,500.00
o	TASK 2 - Site Work	
	Professional Services (assume three days)	\$ 1,950.00
	Drilling, 2 days @ \$1,950/day	\$ 3,900.00
	Analytical Costs, 20 samples for TPH-D & TOG @ \$167	\$ 3,340.00
	Concrete Coring	\$ 900.00
	Equipment Rentals	\$ 600.00
	Other Direct Costs	\$ 300.00
o	TASK 3 - Report Preparation	\$ 1,200.00
	TOTAL	<u>\$13,690.00</u>

15 hrs @ \$55.
 10 @ \$167 grab samples?

NOTE: This does not include the cost of disposal of drill cuttings retained on site in steel drums.