

91 FEB 11 AM 10:45

MELVIN E. KAUFFMAN
3515 W. YOSEMITE AVE.
LATHROP, CA 95330

FEBRUARY 8, 1991

ALAMEDA COUNTY HEALTH CARE
SERVICES AGENCY
HAZARDOUS MATERIALS PROGRAM
80 SWAN WAY RM 200
OAKLAND, CA 94621

RE: EAST BAY SCAFFOLDING, 2552 SAN CARLOS AVE, CASTRO VALLEY

DEAR MR. SEERY:

THIS IS IN REGARDS TO YOUR LETTER DATED FEBRUARY 1, 1991,
AND OUR PHONE CONVERSATION ON FEBRUARY 8, 1991. AT THIS TIME I
WOULD LIKE TO REQUEST A THIRTY (30) DAY EXTENSION ON THE TIME
ALLOWED TO FURNISH YOU WITH THE INFORMATION YOU HAVE REQUESTED.

I HAVE ENCLOSED A COPY OF THE REPORT SUBMITTED TO ME BY
SEMCO AND CERTIFIED ENVIRONMENTAL CONSULTING, INC. IN REGARDS TO
THE PROJECT AT THE ABOVE ADDRESS.

PLEASE CONTACT ME AT 209-858-4125 IF THERE IS A PROBLEM WITH
THE EXTENSION OF TIME OR ABOUT THE REPORT. THANK YOU FOR YOUR
CONSIDERATION IN THIS MATTER.

SINCERELY,


MEL KAUFFMAN

MK/iab

PROPOSAL
SITE INVESTIGATION
AND
REMEDIATION SERVICES

91 FEB 11 AM 10:45

PROJECT SITE:

**2552 SAN CARLOS AVENUE
CASTRO VALLEY**

PREPARED FOR:

**MR. MEL KAUFMAN
TRUE FIT MANUFACTURING COMPANY
3515 WEST YOSEMITE AVENUE
LATHROP, CA 95330
(800) 431-9999
(209) 858-4125
(209) 858-4354 FAX**

PREPARED BY:

**CERTIFIED ENVIRONMENTAL CONSULTING, INC.
140 WEST INDUSTRIAL WAY
BENICIA, CALIFORNIA 94510-1016
(707) 745-0171**

OCTOBER 1990



October 25, 1990

REF: PRO-0392.90

Mr. Scott O. Seery
Hazardous Materials Specialist
County of Alameda
Dept. of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94821
(415) 271-4320

RE: Underground Storage Tank Closure Report; East Bay Scaffolding, 2442 San Carlos Avenue, Castro Valley: Request for Preliminary Site Assessment (PSA) Approval

Dear Mr. Seery:

As we discussed by telephone, Certified Environmental Consulting, Inc., has been asked to prepare a proposal for the above referred PSA and site remediation work. I have sent the proposal to Mr. Kauffman outlining the project. Upon his approval, I will prepare the PSA work plan for your approval. I am asking for a two week extension to complete the necessary documents. The work should still commence by November 28, 1990.

We are looking forward to working with you on this project.

Very truly yours,

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

cc: Mel Kauffman





**CERTIFIED
ENVIRONMENTAL
CONSULTING INC.**

October 24, 1990

REF: PRO-0392.90

Mr. Mel Kaufman
True Fit Manufacturing Company
3515 West Yosemite Avenue
Lathrop, CA 95330
(800) 431-9999
(209) 858-4125
(209) 858-4354 FAX

RE: Site Investigation and Remediation for Underground Storage Tank Removal Project
being conducted at 2552 San Carlos Avenue, Castro Valley.

Dear Mr. Kaufman:

Certified Environmental Consulting, Inc. (CEC) is pleased to submit a proposal to provide site investigation and remediation services for your property located at 2552 San Carlos Avenue, Castro Valley. I have reviewed the laboratory data and the information provided by Scott Seery, County of Alameda. The attached proposal outlines the required tasks to complete the work.

The first portion of a project is preparation of a work plan (Task 1) and site characterization (Task 2). The estimated costs for this work is \$1500 and \$4000, respectively. To authorize the work please sign and return the attached fee schedule.

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

Very truly yours,

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

Enclosures

cc: Mr. Chuck Kiper, SEMCO

BACKGROUND

On August 30, 1990, SEMCO removed one 550 gallon underground gasoline tank from East Bay Scaffolding, 2552 San Carlos Avenue, Castro Valley. The tank locations are shown in Figure 1 and the sampling locations are shown in Figure 2. Sidewall soil samples were collected at 3-foot (Sample #1-550-G-W-3') and 4-foot (Sample #2-550-G-N-4') depths and at the bottom of the excavation pit (Sample #3-550-G-B.O.P.). Sample #1 at the sidewall depth of 3-feet contained 2000 ppm Gasoline, 5400 ppb Benzene, 3700 ppb Toluene, 2300 ppb Ethyl Benzene, and 81,000 ppb Xylenes; while sample #3 at bottom of the pit were close to non-detect. Laboratory Analysis are provided in the Appendix.

On September 28, 1990, a letter was sent by Scott Seery, Alameda County Department of Environmental Health, to Mr. Mel Kauffman requesting a Preliminary Site Assessment (PSA) prior to remediating the site. A copy of his letter is provide in the Appendix.

SCOPE OF WORK

The site investigation and remediation project will be conducted in a step-wise fashion to allow for changes in the scope of work as additional information is gathered. The overall project is outlined below.

Task 1: Prepare Work Plan

The County of Alameda requires that a work plan be prepared for the Initial Subsurface Investigation. Since this is a simple tank leak problem and groundwater is high, the work plan will not need to be extensive, and most of it can be used for the Site Remediation Work Plan, if one is required. The estimated cost for this Plan is \$1500.

Task 2: Determine the lateral and vertical extent of the contamination.

It is proposed that a Soil Gas Survey be completed around the tank to determine the lateral extent of the contamination in the soil. This work consists of drilling 1-inch diameter holes through the asphalt and driving hollow vapor extraction tubes to the soil. Soil vapors

are extracted and analyzed by an Organic Vapor Meter (OVM) to determine the concentration of hydrocarbons in the soil. This process is completed in a radial pattern away from the excavation until no additional hydrocarbon vapors are detected. With the high groundwater (about 4 feet) it is assumed that this work should take only one day. A report will be prepared and submitted to the County a site remediation plan. The estimated cost for this work is \$2500.

In conjunction with the soil gas survey, water samples will be collected at selected locations to evaluate the groundwater contamination levels. It is assumed that three water samples will be collected and analyzed. The cost for sample collection, analysis, and reporting is approximately \$1500 when done in conjunction with the above soil gas survey. Depending site conditions, all sample collections may be done by drilling.

Task 3: Hydrogeologic consulting services for excavation of contaminated soil

Once the quantity of soil to be removed and treated has been determined, SEMCO will prepare a bid for the construction portion of the project. It is assumed that the excavation work, soil and groundwater sampling, re-filling the excavation and stockpiling the contaminated soil will take about one day. We will collect the samples, have them analyzed and prepare the necessary report. Assuming that three soil and one water sample are required., the estimated cost for this work is \$2,500.

Task 4: Remediate contaminated soil.

The quantity of contaminated soil affects the selection of the least cost option for treatment and disposal. The cost for this activity can not be given at this time.

Task 5: Install monitoring wells

The Regional Water Quality Control Board requires that a monitoring well be installed in the "verified down gradient" direction. Generally this requires that three wells be installed unless we can find data from nearby wells to establish the hydraulic gradient. Since your water level is so high, and since installing and monitoring one well instead of

three wells is a significant cost savings to you, I am recommending that we attempt to justify one well. The installation of one well, with sampling, reports, and gradient determination, is estimated to be \$7000. The installation of three wells is approximately \$12,000.

Task 6: Remediate groundwater, as required.

If the groundwater is contaminated, the extent of the contamination will have to be determined. A groundwater treatment system may be required. At this time, we will assume that no contamination exists, or that it can be corrected during soil removal. No cost estimate will be given at this time.

Task 7: Collect and analyze quarterly groundwater sampling for one year.

It is assumed that water samples will be collected from one well at the 1,2,3,6,9, and 12th months at a cost of $\$1000 \times 6 = \$6,000$

SEMCO**JAMES C. BATEMAN PETROLEUM SERVICES, INC.**131 W. Hatch Rd. Modesto, Calif. 95351
General & Engineering Contractors
16301 533-9233
FAX (209) 524-0503**SEMCO****JAMES C. BATEMAN PETROLEUM SERVICES, INC.**1741 Leslie St. San Mateo, Calif. 94402
General & Engineering Contractors
(415) 572-8333
FAX (415) 572-9734

CHAIN OF CUSTODY RECORD

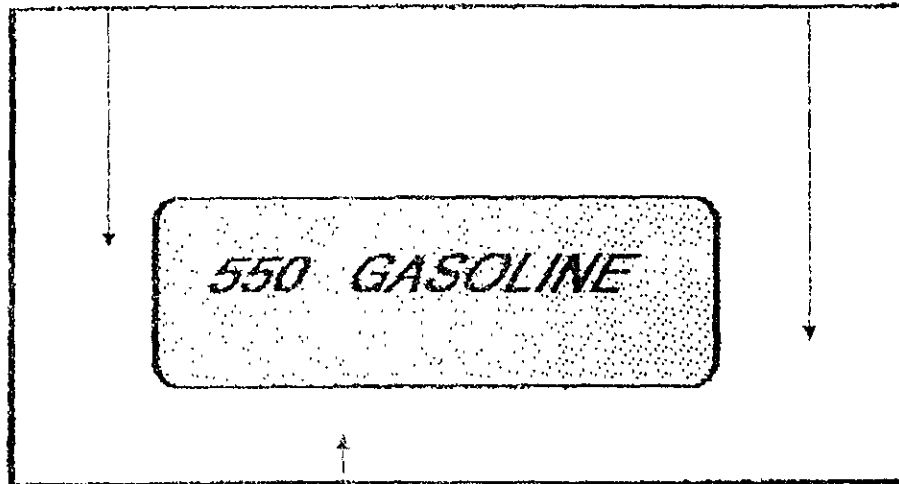
PROJECT NAME: EAST BAY SCAFFOLDING # 90-0718						Number of Con- tainers	Analysis Required				REMARKS	
SAMPLERS (signature): <i>C. Kiper</i> <i>Senew</i>							<i>TPH-G</i> <i>BTEX-E</i>					
Station Number	Date	Time	Comp.	Grab	Station Location							
#1-550	8/30/90	2:00		✓	#1-550-G-W-3'	1	✓	✓				GAS
#2-550	8/30/90	2:15		✓	#2-550-G-N-4'	1	✓	✓				"
#3-550	8/30/90	2:40		✓	#3-550-G. B.O.P.	1	✓	✓				"
Relinquished by (signature): <i>C. Kiper</i> Company of Agency: <i>Senew</i>		Date / Time 8/30/90 5:45		Received by (signature): Company or Agency:		Relinquished by (signature): Company or Agency:		Date / Time		Received by (signature): Company or Agency:		
Relinquished by (signature): Company or Agency:		Date / Time		Received by (signature): Company or Agency:		Relinquished by: Company or Agency:		Date / Time		Received by (signature): Company or Agency:		
Relinquished by (signature): Company or Agency:		Date / Time		Received for Laboratory by: (signature) <i>M. Galderbey</i>		Date / Time 8/30 17:45		Remarks/Shipping Information <i>Normal Senew</i>				

10 19 1990 03:45 FROM SEMCO SAN MATEO CA. OIU. TO 1707-450152 P.04

TANK AREA

SAMPLE #1
#1-550-GW@3'

SAMPLE #2
#2-550-GN@4'



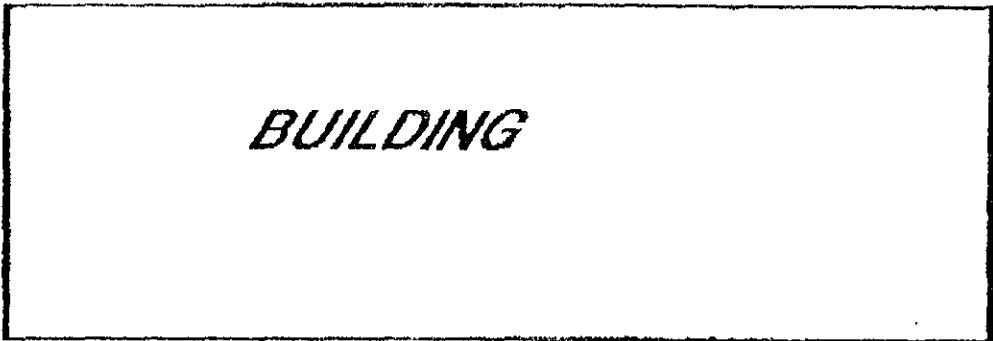
SAMPLE #3
#3-550G B.O.P.

FIGURE 2

SEMCO

2552 SAN CARLOS AVE
CASTRO VALLEY



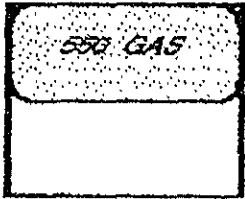


PUMP



SAMPLE #1

SAMPLE #2



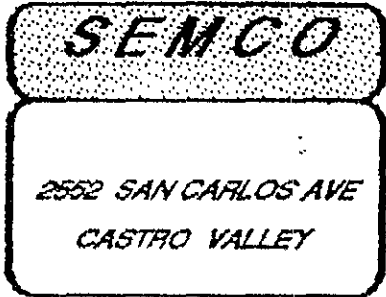
SAMPLE #3



SAN CARLOS AVENUE



FIGURE 1



SUPERIOR ANALYTICAL LABORATORY, INC.

1555 BURKE, UNIT I • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 52126
CLIENT: SEMCO
CLIENT JOB NO.: #90-0718 East Bay

DATE RECEIVED: 08/30/90
DATE REPORTED: 09/07/90

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
by EPA SW-846 Methods 5030 and 8020

LAB #	Sample Identification	Concentration(ug/kg)			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	#1-550	5400	3700	2000	81000
2	#2-550	1300	90	2300	3600
3	#3-550	9	15	35	41

ug/kg - parts per billion (ppb)

Minimum Detection Limit in Water: 0.3ug/L

QAQC Summary:

Daily Standard run at 20ug/L: RPD = <15%
MS/MSD Average Recovery = 98 % : Duplicate RPD = <1.5 %

Richard Srna, Ph.D.

Cecilia G. Joaquin (for)
Laboratory Director

SUPERIOR ANALYTICAL LABORATORY, INC.

1555 BURKE, UNIT I • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

*Met - 209
800 431-9777*

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 52436

CLIENT: SEMCO

CLIENT JOB NO.: #90-0718 - East Bay

DATE RECEIVED: 08/30/90

DATE REPORTED: 09/07/90

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS
by Modified EPA SW-846 Method 5030 and 8015

LAB #	Sample Identification	Concentration (mg/kg) Gasoline Range
1	#1-550 <i>W-3</i>	2000
2	#2-550 <i>N-4</i>	140
3	#3-550 <i>BOP</i>	1

mg/kg - parts per million (ppm)

Minimum Detection Limit for Gasoline in Soil: 1mg/kg

QAQC Summary:

Daily Standard run at 2mg/L: RPD Gasoline = 4 %

MS/MSD Average Recovery = 99%: Duplicate RPD = 1.7 %

Richard Srna, Ph.D.

Cecilia G. Joaquin (for)
Laboratory Director



FEE SCHEDULE

The compensation to Certified Environmental Consulting, Inc. (CEC) for its (California Offices) services shall be in accordance with the following schedule:

Hourly Rates

Typical hourly rates for professional and technical categories or for activities performed according to level of difficulty are:

Principal	\$100.00 - \$125.00
Industrial Hygiene or Safety Prof. (Certified)	\$ 75.00 - \$ 90.00
Senior Professional	\$ 65.00 - \$ 85.00
Project Professional	\$ 50.00 - \$ 65.00
Ind. Hygiene or Safety Prof. (Non Certified)	\$ 45.00 - \$ 65.00
Ind. Hygiene or Safety Technician	\$ 40.00 - \$ 55.00
Staff Professional	\$ 40.00 - \$ 55.00
Administrative Manager	\$ 35.00 - \$ 45.00
Technical Editor	\$ 40.00
Analyst	\$ 40.00
Technician	\$ 35.00
Cartographer	\$ 38.00
Technical Typist	\$ 35.00
Incidental Unskilled Labor	\$ 22.00

Reimbursable Direct Costs

Reimbursable direct costs (i.e., mileage, lodging, per diem, telephone, supplies, and etc.) will be billed as accrued. Other direct costs (i.e., analytical laboratories, drilling companies, and other subcontractors) are subject to an administrative fee of 20%. Certified charges an additional 3% of total project costs to pay for long distance or cellular phone charges, computer time, office reproduction, and copy charges.

Invoicing

Invoices will be submitted monthly and are payable within 30 days. A 2% discount will be given for invoices received in our office within 10 days. For projects longer than 30 days requiring construction materials or other large subcontract costs, Certified will invoice for the charges as we are billed. Interest of 1 1/2% per month (but not exceeding the maximum legal rate) will be payable on any amount not paid within 30 days, payment thereafter to be applied first to accrued interest and then to the principal unpaid amount. Any attorney's fees or cost incurred in collecting any delinquent amount shall be paid by the Client.

I accept the terms and conditions as described herein and on the attached proposal and do hereby authorize Certified Environmental Consulting, Inc. to proceed with the work.

Project Name _____ Amount \$ _____
 Proposal Date _____ Lump Sum, Time & Expense (Circle One)
 Signature _____ Date _____
 Company _____