

**S E M C O**  
1741 LESLIE STREET  
SAN MATEO, CA 94402

DATE: 7/7/93

TO: Eva Chu  
Alameda County  
Public Health

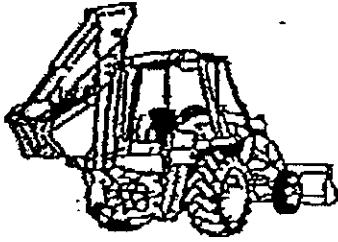
Please find enclosed the soil analysis for:

City of Albany  
\_\_\_\_\_  
\_\_\_\_\_

A final report containing manifests and sample locations will be forwarded to you after compilation of all receipts, documents and permits pertaining to this tank removal.

Sincerely,

Tina Soenksen.



WORKING TO PRESERVE YOUR ENVIRONMENT

(415) 572-8033

FAX (415) 572-9734

(800) 831-2344

DATE: 6/25/93

TIME: 10:41am

FAX TO: Alameda Cty. Health Care

ATTN: Kevin Tinsky

FAX NUMBER: 1-510-569-4757

# OF PAGES FOLLOWING COVER:  
3

COMMENTS: We are planning on doing this re-ex early next week, contingent on your approval, please respond ASAP.

SENDER: Tina Soenksen

\* also included analytical.  
IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL (415) 572-8033

S E M C O  
Environmental and General Engineering Contractors  
1741 Leslie Street  
San Mateo, California 94402

June 25, 1993

Kevin Tinsley  
Alameda County Health Care Agency  
80 Swan Way #200  
Oakland, CA 94621

Re: City of Albany  
1325 Portland Ave., Albany

Dear Kevin:

We are submitting this workplan for your consideration.

SEMCO was hired by the City of Albany to remove one underground storage tank from the site at the corner of Portland and Carmel in Albany. After obtaining a number of samples from the excavation, analytical results dictated that further excavation was needed.

We propose to continue to excavate down 3 to 4 more feet or until bedrock is encountered and additionally to excavate laterally until all signs of contamination are absent. At that time we will obtain samples, with the supervision of an onsite Alameda County inspector, of the excavation and the spoils pile. All work will be done according to lead agency requirements and restrictions.

We look forward to working with you in the future, please inform us of the status of this workplan.

Sincerely,



Tina Soenksen  
Project Coordinator

License # 449864  
A, B, C-61/D-40  
Hazardous Substances Certification

(800) 831-2344  
(415) 572-8033  
(415) 572-9734 FAX



# Superior Precision Analytical, Inc.

1555 Burke, Unit I • San Francisco, California 94174 • (415) 647-2081 / fax (415) 871-7123

SEMCO  
Attn: CHUCK KIPER

Project 1325 PORTLAND AVE. ALBANY  
Reported 06/23/93

## TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
56668- 1	BOTTOM S-20'	06/23/93	06/23/93 Soil
56668- 2	SIDEWALL-NE-16.5'	06/23/93	06/23/93 Soil
56668- 3	SIDEWALL-5-12'	06/23/93	06/23/93 Soil
56668- 4	<del>SIDEWALL-SE-12'</del>	06/23/93	06/23/93 Soil
56668- 5	PROD. RETURN-13.5-W	06/23/93	06/23/93 Soil
56668- 6	PROD. SUCTION-13'-#1	06/23/93	06/23/93 Soil
56668- 7	PROD. SUCTION-12'-#2	06/23/93	06/23/93 Soil

## RESULTS OF ANALYSIS

Laboratory Number: 56668- 1 56668- 2 56668- 3 56668- ~~4~~ 56668- 5

Benzene:	ND<.003	ND<.003	ND<.003	ND<.015	ND<.003
Toluene:	ND<.003	.005	ND<.003	ND<.015	ND<.003
Ethyl Benzene:	ND<.003	.008	ND<.003	ND<.015	ND<.003
Xylenes:	ND<.009	.056	ND<.009	.051	ND<.009
Diesel:	14	220	62	<del>500</del>	ND<10
Concentration:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg

Laboratory Number: 56668- 6 56668- 7

Benzene:	ND<.003	ND<.003
Toluene:	ND<.003	ND<.003
Ethyl Benzene:	ND<.003	ND<.003
Xylenes:	ND<.009	ND<.009
Diesel:	ND<10	ND<10
Concentration:	mg/kg	mg/kg



# Superior Precision Analytical, Inc.

1555 Burke, Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7173

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

### ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2  
QA/QC INFORMATION  
SET: 56668

NA = ANALYSIS NOT REQUESTED  
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT  
mg/kg = parts per million (ppm)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:  
Minimum Detection Limit in Soil: 50mg/kg

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:  
Minimum Quantitation Limit for Diesel in Soil: 10mg/kg

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:  
Minimum Quantitation Limit for Gasoline in Soil: 1mg/kg

EPA SW-846 Method 8020/BTXE  
Minimum Quantitation Limit in Soil: 0.003mg/kg

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Benzene:	87/88	1%	75-114
Toluene:	93/94	1%	78-114
Ethyl Benzene:	94/96	2%	76-120
Xylenes:	98/100	2%	71-117
Diesel:	89/91	2%	46-121

Richard Srna, Ph.D.

*Richard Srna*  
Laboratory Director

# CHAIN OF CUSTODY AND ANALYSIS REQUEST

LAB NO. \_\_\_\_\_

**Section I**

Consultant Name SEMCO  
 Office Location 1741 Leslie Rd. San Mateo, CA 94402  
 Fax No. (415) 572-9734  
 Project Manager Chuck Kiper  
 Phone (415) 672 8033

TURN AROUND TIME  
 (Circle One)  
 Same Day 72 Hrs  
24 Hrs 5 Day  
 48 Hrs

**SUPERIOR ANALYTICAL, INC.**  
 Martinez San Francisco  
 415/229-1512 415/647-2081

 Send Coolers to : Modesto  San Mateo 

 Sampler Semco

 Project No. / P.O. No. 1325 Portland Ave., Albany 93-3092 Regulatory Agency Albany Fire

Section II		Analysis Request										Section III		Sample Information	
Sample Identification	S=Soil W=Water Matrix	TPH - G & D	TPH - Low Level D	TPH - G	BTXE	O&G	8010	8240	Metals	Others * Subject to Subcontracting	Date	Time	Containers		Sampling Remarks
													Quantity	Pres.	
1 Bottom S - 20'	S		X		X						6/23/93	150	1	/	
2 <del>Bottom S - 25'</del>	S		X		X								1	/	TS.
3 Sidewall - NE 76.5'	S		X		X						6/23	220	1	/	
4 Sidewall - S - 12'	S		X		X						6/23	225	1	/	
5 Sidewall - SE - 12'	S		X		X						6/23	230	1	/	
6 Prod Return - 13.5W	S		X		X						6/23	205	1	/	
7 Prod Suction - 13' #1	S		X		X						6/23	355	1	/	#1 taken 8' from wall
8 Prod Suction - 12' #2	S		X		X						6/23	400	1	/	#2 taken 28' from wall
9															
10															
11															
12															

Relinquished by <u>Eva Sackell</u>	Date/Time <u>6/23/93</u>	Received by _____	Please initial <u>WV</u>
Organization <u>SEMCO</u>	4:58	Organization _____	Samples Stored in Ice <input checked="" type="checkbox"/>
Relinquished by _____	Date/Time _____	Received by _____	Appropriate Containers _____
Organization _____		Organization _____	Samples Preserved <u>NO</u>
Relinquished by _____	Date/Time _____	Received by <u>Nancy Pettit</u>	VOA's without Headspace <u>NO</u>
Organization _____		Organization <u>Superior</u>	Comments _____