

VIP Service Station  
C/O L. B. Patel  
385 Century Circle  
Danville, Ca 94526  
June 8, 1993

Alameda County Health Agency  
Div. of Hazardous Materials  
80 Swan Way, Rm 350  
Oakland, CA 94621

Attention: Scot O. Seery CHMM

Subject: Underground Tank Removal Report

Site Address: 3889 Castro Valley Blvd. Castro Valley, CA 94546

Please find attached tank removal report for your review and information.

We are in process to obtain at least three cost estimates before the next phase of the work. Before start of any work, we look forward to contact you and will work with you closely to clean the site.

Should you have any questions, please contact us at (510)-838-0768 (L. Patel) or P. Gupta at (510)-226-0136 or write to us, above address. e

Sincerely,

*L. B. Patel*

L. B. Patel

Attached: Tank removal Report.

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Contractor's License #247322

## Accutite Environmental Engineering

35 So. Linden Avenue, South San Francisco, CA 94080-6407 Tel: (415) 952-5551 Fax: (415) 952-7631 Tank Testing: (415) 952-0327

May 14, 1993

Rec'd by VIP 6/7/93

VIP Service Station  
c/o Gupta, P.K.  
2060 Springwater Drive  
Fremont, CA 94539

Patel, Lalji B.  
385 Century Circle  
Danville, CA 94526

Attention: Mr. Gupta

Subject: Underground Tank Removal.  
Sampling Report

Site Address: 3889 Castro Valley Blvd., Castro Valley, California

Sampling Date: 26 APR 93 @ Tank Excavation  
28 APR 93 @ Piping Trenches

### Summary of Tank Removals:

Four (4) single wall steel tanks were removed from the above mentioned site on April 26, 1993. Location and orientation of the tanks were as schematically shown on the attached drawing. Tank sizes and contents were as follows: 3-10,000 gallons gasoline, 1-550 gallons waste oil.

None of the gasoline tanks showed apparent holes. The waste oil tank had visible holes (3 holes approx. 1/4"). Tanks were not wrapped.

Water was encountered at approximately 10.5 feet below local grade elevation and sampled. A sheen was present on top of the water, with black floating particles.

Tank removals were conducted as per the guidelines of the Alameda County Health Agency under the direct supervision of Mr. Scott Seery, and under permit from the Castro Valley Fire Department.

Tanks were hauled by Erickson Inc. under uniform hazardous waste manifest nos. 92202047, and 92202048 to their facility at 255 Parr Blvd., Richmond, where they were steamed cleaned then cut and disposed of as scrap metal. All accessible piping was removed.

Backfill soil was discolored green coarse sand and silt mix. Gasoline odor was noticed in the excavated soil. Excavated soil was stockpiled on site on a paved area and covered with plastic sheeting.

### Soil Sampling Methodology:

Typically, undisturbed soil samples were collected from the sampling locations with the use of mechanical or hand held excavating tools. Several inches of surface soil were removed before a brass liner was pounded into the soil with the use of a rubber mallet.

Soil sampling was performed at the above mentioned address at the locations designated on the attached drawing. Sampling was done in accordance with accepted sampling techniques. Samples were collected in approved containers (brass liners), properly labeled and sealed (aluminum foil, plastic caps and tape), placed on blue ice, and transported under chain of custody to Sequoia Analytical Laboratory, Redwood City, California. Sequoia Analytical Laboratory is a Department of Health Services certified Lab (DHS# 145).

Water sample was collected into 2 VOA glass vials, pre-cleaned at the lab.

Original results of the analyses performed and the chain of custody forms used, are attached with this report

### Summary of Soil Sampling:

#### 26 APR 93 @ Tank Excavation:

Based on field conditions, it was agreed between all present (S. Seery, E. Tabet, P.K. Gupta, and L.B. Patel), to sample the side walls of the gasoline tank excavation. Two samples were collected from each side at an average depth of 10.5 feet below local grade elevation. Samples were labeled according to their geographical locations.

One grab water sample was collected from the bottom of the gasoline tanks excavation.

One soil sample labeled 'WO' was collected from the bottom of the waste oil excavation at a depth of 7.5 feet below local grade elevation.

#### 28 APR 93 @ Piping Trenches:

Soil samples were also collected from beneath the six (6) removed dispensers. Additionally one soil sample was collected in the former piping trench. Samples were labeled I-1 through I-7. Island and piping trench samples were collected at an average depth of 3 feet below local grade elevation.

Soil and water sampling locations are indicated on the attached drawing. All sampling was conducted under direct County supervision.

### Summary of Soil Sampling Results:

(Please refer to original lab results attached)

Samples collected from the gasoline tanks excavation did report Total Petroleum Hydrocarbons (TPH) as Gasoline levels ranging from 120 to 4,000 parts per million (ppm). Samples reported various levels of Lead ranging from Non Detected (N.D.) to 13 ppm.

Water sample collected reported 140,000 parts per billion (ppb) TPH as G and 13,000 ppb Benzene.

Sample collected from under the waste oil tank reported 1,300 ppm of total oil and grease (TOG) and various other constituents, please refer to attached original sampling results.

Samples collected from the islands and piping trench did report Total Petroleum Hydrocarbons (TPH) as Gasoline levels ranging from N.D. to 4.7 parts per million (ppm). Samples I-6 and I-7 reported 7.6 and 5.8 ppm of Lead respectively.

### Next Step Recommendations:

A copy of this report should be forwarded to Mr. Scott Seery, CHMM for his review and comments. We have included Mr. Seery's address for your convenience:

ALAMEDA COUNTY HEALTH AGENCY  
Division of Hazardous Materials  
80 Swan Way, Rm. 350



Oakland, CA 94621  
Attention: Scott O. Seery, CHMM

**Limitations:**

Our services consist of professional opinions, conclusions and recommendations made today in accordance with generally accepted engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied. In case of litigation's, Accutite's maximum liability is limited to the US Dollar amount of contracted work.

If you need additional information regarding the tank removal or the sampling, please do not hesitate to contact our offices at (415) 952-5551.

Sincerely,

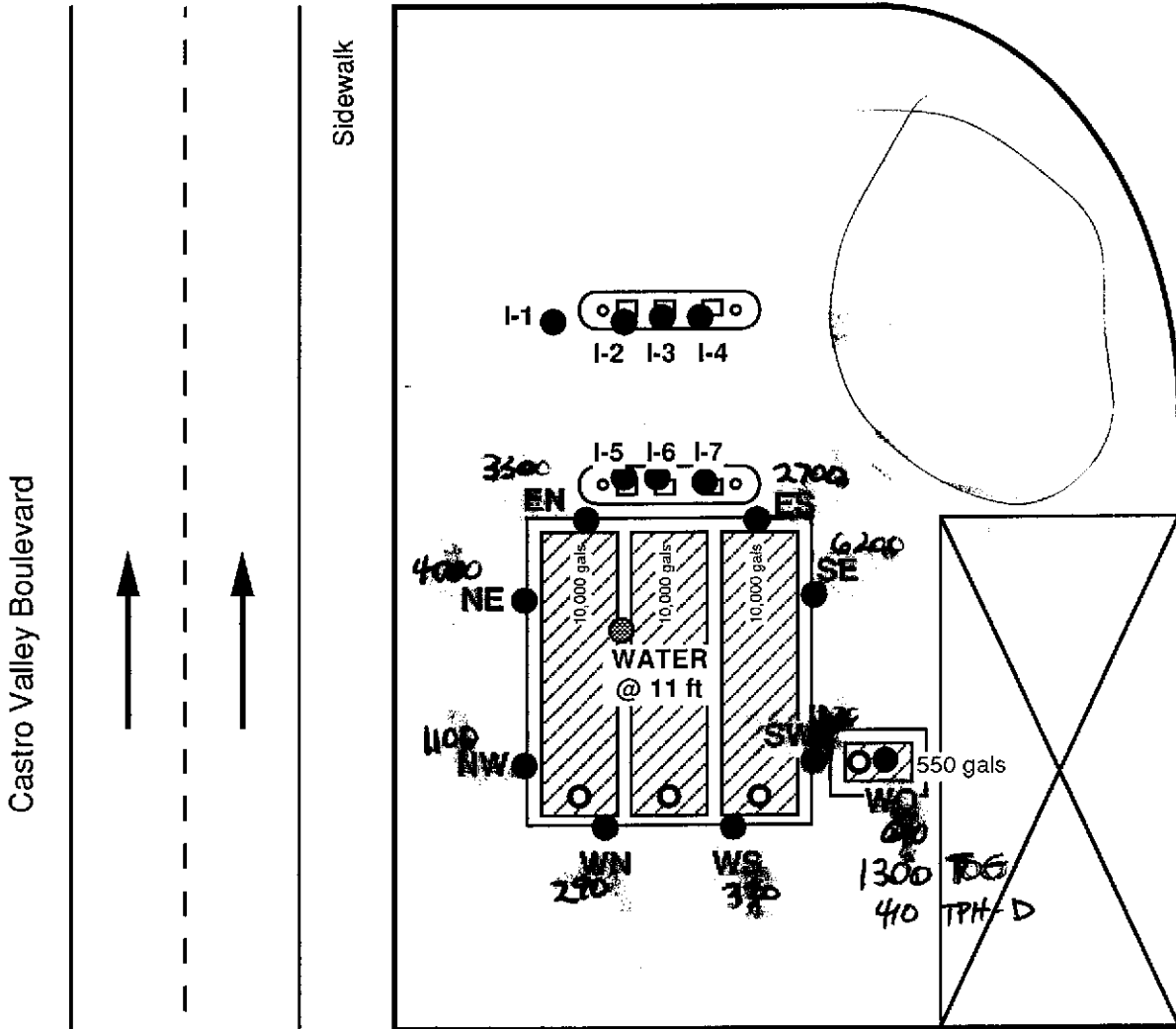
ACCUTITE ENVIRONMENTAL ENGINEERING



Eddy A. Tabet, MS, PE, REA  
General Manager



TPH-G  
(ppm)



- Dispenser (6 TYP)
- Canopy Columns (4 TYP)
- Tank Fill Locations (4 TYP)
- Soil Sampling Locations (16 TYP)
- Water Sampling Location

Revisions	Date	Page	VIP Service Station c/o Patel, Lalji B. 385 Century Circle Danville, CA 94526	By:  <b>ACCUTITE</b>  35 South Linden Avenue South San Francisco California 94080
0	26 APR 93	1		
		of 1		
		<b>SCALE: 1"=20'</b> (sampling locations only)	<b>Site: VIP SERVICE STATION</b> <b>3889 Castro Valley Blvd</b> <b>Castro Valley, CA</b>	



# SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

2-1

Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Sample Matrix: Soil  
Analysis Method: EPA 5030/8015/8020  
First Sample #: 3DA9001

Sampled: Apr 26, 1993  
Received: Apr 26, 1993  
Reported: May 4, 1993

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 3DA9001 NE	Sample I.D. 3DA9002 NW	Sample I.D. 3DA9003 SE	Sample I.D. 3DA9004 SW	Sample I.D. 3DA9005 EN	Sample I.D. 3DA9006 ES
Purgeable Hydrocarbons	1.0	4,000	1,100	6,200	120	3,300	2,700
Benzene	0.0050	47	8.1	92	4.1	11	10
Toluene	0.0050	300	41	360	5.4	170	95
Ethyl Benzene	0.0050	85	20	110	1.7	70	38
Total Xylenes	0.0050	490	120	610	8.5	420	220
Chromatogram Pattern:		Gas	Gas	Gas	Gas	Gas	Gas

### Quality Control Data

Report Limit	500	100	200	20	200	100
Multiplication Factor:						
Date Analyzed:	4/28/93	4/28/93	4/29/93	4/28/93	4/29/93	4/29/93
Instrument Identification:	GCHP-7	GCHP-7	GCHP-7	GCHP-7	GCHP-6	GCHP-6
Surrogate Recovery, %: (QC Limits = 70-130%)	105	107	119	87	123	114

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.  
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Maria Lee  
Project Manager



# SEQUOIA ANALYTICAL

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Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Sample Matrix: Soil  
Analysis Method: EPA 5030/8015/8020  
First Sample #: 3DA9007

Sampled: Apr 26, 1993  
Received: Apr 26, 1993  
Reported: May 4, 1993

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 3DA9007 WFL	Sample I.D. 3DA9008 WFL	Sample I.D. 3DA9009 WFL	Sample I.D.	Sample I.D.	Sample I.D.
Purgeable Hydrocarbons	1.0	290	330	670			
Benzene	0.0050	3.4	4.5	7.3			
Toluene	0.0050	16	12	21			
Ethyl Benzene	0.0050	4.7	5.7	8.7			
Total Xylenes	0.0050	26	30	44			
Chromatogram Pattern:		Gas	Gas	Gas			

### Quality Control Data

Report Limit			
Multiplication Factor:	100	100	100
Date Analyzed:	4/28/93	4/28/93	4/28/93
Instrument Identification:	GCHP-7	GCHP-7	GCHP-7
Surrogate Recovery, %: (QC Limits = 70-130%)	103	86	105

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.  
Analytes reported as N.D. were not detected above the stated reporting limit.

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Maria Lee  
Project Manager



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Accutite	Client Project ID: VIP Service	Sampled: Apr 26, 1993
35 South Linden Avenue	Sample Matrix: Water	Received: Apr 26, 1993
South San Francisco, CA 94080	Analysis Method: EPA 5030/8015/8020	Reported: May 4, 1993
Attention: Amy Marden	First Sample #: 3DA9010	

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 3DA9010	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.
Purgeable Hydrocarbons	50	140,000					
Benzene	0.50	13,000					
Toluene	0.50	22,000					
Ethyl Benzene	0.50	3,200					
Total Xylenes	0.50	19,000					

Chromatogram Pattern: Gas

### Quality Control Data

Report Limit	
Multiplication Factor:	1,000
Date Analyzed:	4/28/93
Instrument Identification:	GCHP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	98

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.  
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Maria Lee  
Project Manager

3DA9001.ACC <3>





# SEQUOIA ANALYTICAL

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Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Sample Descript: Soil  
Analysis for: Lead  
First Sample #: 3DA9001

Sampled: Apr 26, 1993  
Received: Apr 26, 1993  
Analyzed: Apr 30, 1993  
Reported: May 4, 1993

## LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
3DA9001	NE	5.0	5.8
3DA9002	NW	5.0	6.0
3DA9003	SE	5.0	13
3DA9004	SW	5.0	N.D.
3DA9005	EN	5.0	5.6
3DA9006	ES	5.0	N.D.
3DA9007	WN	5.0	8.0
3DA9008	WS	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

  
Maria Lee  
Project Manager

3DA9001.ACC <4>



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Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Sample Descript: Soil, WO  
Lab Number: 3DA9009

Sampled: Apr 26, 1993  
Received: Apr 26, 1993  
Analyzed: see below  
Reported: May 4, 1993

## LABORATORY ANALYSIS

Analyte	Date Analyzed	Detection Limit mg/kg	Sample Result mg/kg
Cadmium.....	4/30/93	0.50	N.D.
Chromium.....	4/30/93	0.50	41
Nickel.....	4/30/93	2.5	63
Lead.....	4/30/93	5.0	21
Zinc.....	4/30/93	0.50	50

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

  
Maria Lee  
Project Manager



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680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Sample Descript: ~~Water-VIP~~  
Lab Number: 3DA9010

Sampled: Apr 26, 1993  
Received: Apr 26, 1993  
Analyzed: see below  
Reported: May 4, 1993

## LABORATORY ANALYSIS

Analyte	Date Analyzed	Detection Limit mg/L	Sample Result mg/L
	4/28/93	0.0050	

MCL = 0.05 mg/l

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Maria Lee  
Project Manager



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(415) 364-9600 • FAX (415) 364-9233

Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Sample Matrix: ~~Soil~~  
Analysis Method: EPA 3550/8015  
First Sample #: 3DA9009

Sampled: Apr 26, 1993  
Received: Apr 26, 1993  
Reported: May 4, 1993

## TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit mg/kg	Sample I.D. 3DA9009 WGC	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.
Extractable Hydrocarbons	1.0	410					

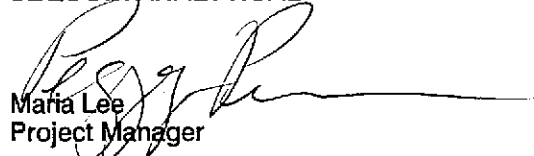
Chromatogram Pattern: Non-Diesel Mix  
C9-C14 + >C18

### Quality Control Data

Report Limit	
Multiplication Factor:	100
Date Extracted:	4/28/93
Date Analyzed:	4/29/93
Instrument Identification:	GCHP-5

Extractable Hydrocarbons are quantitated against a fresh diesel standard.  
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

  
Maria Lee  
Project Manager

3DA9001.ACC <7>



# SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID: VIP Service	Sampled: Apr 26, 1993
35 South Linden Avenue	Matrix Descript: Soil	Received: Apr 26, 1993
South San Francisco, CA 94080	Analysis Method: SM 5520 E&F (Gravimetric)	Extracted: Apr 29, 1993
Attention: Amy Marden	First Sample #: 3DA9009	Analyzed: Apr 30, 1993
		Reported: May 4, 1993

## TOTAL OIL & GREASE

Sample Number	Sample Description	Oil & Grease mg/kg
3DA9009	WQ	1,300

Detection Limits:

50

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Maria Lee  
Project Manager

3DA9001.ACC <8>



# SEQUOIA ANALYTICAL

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(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID: VIP Service	Sampled: Apr 26, 1993
35 South Linden Avenue	Sample Descript: Soil, WO	Received: Apr 26, 1993
South San Francisco, CA 94080	Analysis Method: EPA 5030/8010	Analyzed: Apr 28, 1993
Attention: Amy Marden	Lab Number: 3DA9009	Reported: May 4, 1993

## HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane.....	5.0	N.D.
Bromoform.....	5.0	N.D.
Bromomethane.....	10	N.D.
Carbon tetrachloride.....	5.0	N.D.
Chlorobenzene.....	5.0	N.D.
Chloroethane.....	10	N.D.
2-Chloroethylvinyl ether.....	10	N.D.
Chloroform.....	5.0	N.D.
Chloromethane.....	10	N.D.
Dibromochloromethane.....	5.0	N.D.
1,3-Dichlorobenzene.....	5.0	N.D.
1,4-Dichlorobenzene.....	5.0	N.D.
1,2-Dichlorobenzene.....	5.0	N.D.
1,1-Dichloroethane.....	5.0	N.D.
<b>1,2-Dichloroethane.....</b>	<b>5.0</b>	<b>N.D.</b>
1,1-Dichloroethene.....	5.0	N.D.
cis-1,2-Dichloroethene.....	5.0	N.D.
trans-1,2-Dichloroethene.....	5.0	N.D.
1,2-Dichloropropane.....	5.0	N.D.
cis-1,3-Dichloropropene.....	5.0	N.D.
trans-1,3-Dichloropropene.....	5.0	N.D.
Methylene chloride.....	50	N.D.
1,1,2,2-Tetrachloroethane.....	5.0	N.D.
<b>Tetrachloroethene.....</b>	<b>5.0</b>	<b>N.D.</b>
1,1,1-Trichloroethane.....	5.0	N.D.
1,1,2-Trichloroethane.....	5.0	N.D.
Trichloroethene.....	5.0	N.D.
Trichlorofluoromethane.....	5.0	N.D.
Vinyl chloride.....	10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

  
 Maria Lee  
 Project Manager



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680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Sample Descript: Soil, WO  
Analysis Method: EPA 8270  
Lab Number: 3DA9009

Sampled: Apr 26, 1993  
Received: Apr 26, 1993  
Extracted: Apr 28, 1993  
Analyzed: May 1, 1993  
Reported: May 4, 1993

## SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acenaphthene.....	400	N.D.
Acenaphthylene.....	400	N.D.
Aniline.....	400	N.D.
Anthracene.....	400	N.D.
Benzidine.....	10,000	N.D.
Benzoic Acid.....	2,000	N.D.
Benzo(a)anthracene.....	400	N.D.
Benzo(b)fluoranthene.....	400	N.D.
Benzo(k)fluoranthene.....	400	N.D.
Benzo(g,h,i)perylene.....	400	N.D.
Benzo(a)pyrene.....	400	N.D.
Benzyl alcohol.....	400	N.D.
Bis(2-chloroethoxy)methane.....	400	N.D.
Bis(2-chloroethyl)ether.....	400	N.D.
Bis(2-chloroisopropyl)ether.....	400	N.D.
Bis(2-ethylhexyl)phthalate.....	2,000	N.D.
4-Bromophenyl phenyl ether.....	400	N.D.
Butyl benzyl phthalate.....	400	N.D.
4-Chloroaniline.....	400	N.D.
2-Chloronaphthalene.....	400	N.D.
4-Chloro-3-methylphenol.....	400	N.D.
2-Chlorophenol.....	400	N.D.
4-Chlorophenyl phenyl ether.....	400	N.D.
Chrysene.....	400	N.D.
Dibenz(a,h)anthracene.....	400	N.D.
Dibenzofuran.....	400	N.D.
Di-N-butyl phthalate.....	2,000	N.D.
1,3-Dichlorobenzene.....	400	N.D.
1,4-Dichlorobenzene.....	400	N.D.
1,2-Dichlorobenzene.....	400	N.D.
3,3-Dichlorobenzidine.....	2,000	N.D.
2,4-Dichlorophenol.....	400	N.D.
Diethyl phthalate.....	400	N.D.
2,4-Dimethylphenol.....	400	N.D.
Dimethyl phthalate.....	400	N.D.
4,6-Dinitro-2-methylphenol.....	2,000	N.D.
2,4-Dinitrophenol.....	2,000	N.D.



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Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Sample Descript: ~~SUI, WQ~~ \*  
Analysis Method: EPA 8270  
Lab Number: 3DA9009

Sampled: Apr 26, 1993  
Received: Apr 26, 1993  
Extracted: Apr 28, 1993  
Analyzed: May 1, 1993  
Reported: May 4, 1993

## SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
2,4-Dinitrotoluene.....	400	N.D.
2,6-Dinitrotoluene.....	400	N.D.
Di-N-octyl phthalate.....	400	N.D.
Fluoranthene.....	400	N.D.
Fluorene.....	400	N.D.
Hexachlorobenzene.....	400	N.D.
Hexachlorobutadiene.....	400	N.D.
Hexachlorocyclopentadiene.....	400	N.D.
Hexachloroethane.....	400	N.D.
Indeno(1,2,3-cd)pyrene.....	400	N.D.
Isophorone.....	400	N.D.
<del>2-Methylphenol.....</del>	<del>400</del>	<del>N.D.</del>
2-Methylphenol.....	400	N.D.
4-Methylphenol.....	400	N.D.
<del>Naphthalene.....</del>	<del>400</del>	<del>N.D.</del>
2-Nitroaniline.....	2,000	N.D.
3-Nitroaniline.....	2,000	N.D.
4-Nitroaniline.....	2,000	N.D.
Nitrobenzene.....	400	N.D.
2-Nitrophenol.....	400	N.D.
4-Nitrophenol.....	2,000	N.D.
N-Nitrosodiphenylamine.....	400	N.D.
N-Nitroso-di-N-propylamine.....	400	N.D.
Pentachlorophenol.....	2,000	N.D.
Phenanthrene.....	400	N.D.
Phenol.....	400	N.D.
Pyrene.....	400	N.D.
1,2,4-Trichlorobenzene.....	400	N.D.
2,4,5-Trichlorophenol.....	2,000	N.D.
2,4,6-Trichlorophenol.....	400	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

SEQUOIA ANALYTICAL

Maria Lee  
Project Manager





# SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Matrix: Water  
QC Sample Group: 3DA9010

Reported: May 4, 1993

## QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
<b>Method:</b>	EPA 8020	EPA 8020	EPA 8020	EPA 8020
<b>Analyst:</b>	M. Nipp	M. Nipp	M. Nipp	M. Nipp
<b>Conc. Spiked:</b>	10	10	10	30
<b>Units:</b>	µg/L	µg/L	µg/L	µg/L
<b>LCS Batch#:</b>	GBLK042893	GBLK042893	GBLK042893	GBLK042893
<b>Date Prepared:</b>	-	-	-	-
<b>Date Analyzed:</b>	4/28/93	4/28/93	4/28/93	4/28/93
<b>Instrument I.D.#:</b>	GCHP-2	GCHP-2	GCHP-2	GCHP-2
<b>LCS % Recovery:</b>	91	90	91	90
<b>Control Limits:</b>	80-120	80-120	80-120	80-120

MS/MSD Batch #:	G3DA8103	G3DA8103	G3DA8103	G3DA8103
<b>Date Prepared:</b>	-	-	-	-
<b>Date Analyzed:</b>	4/28/93	4/28/93	4/28/93	4/28/93
<b>Instrument I.D.#:</b>	GCHP-2	GCHP-2	GCHP-2	GCHP-2
<b>Matrix Spike % Recovery:</b>	100	100	100	100
<b>Matrix Spike Duplicate % Recovery:</b>	110	110	110	107
<b>Relative % Difference:</b>	9.5	9.5	9.5	2.9

SEQUOIA ANALYTICAL

Maria Lee  
Project Manager

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# SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Matrix: Soil

QC Sample Group 3DA9001-09

Reported: May 4, 1993

## QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
<b>Method:</b>	EPA 8020	EPA 8020	EPA 8020	EPA 8020
<b>Analyst:</b>	R. Geckler	R. Geckler	R. Geckler	R. Geckler
<b>Conc. Spiked:</b>	0.20	0.20	0.20	0.60
<b>Units:</b>	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>LCS Batch#:</b>	GBLK042893	GBLK042893	GBLK042893	GBLK042893
<b>Date Prepared:</b>	4/28/93	4/28/93	4/28/93	4/28/93
<b>Date Analyzed:</b>	4/28/93	4/28/93	4/28/93	4/28/93
<b>Instrument I.D.#:</b>	GCHP-7	GCHP-7	GCHP-7	GCHP-7
<b>LCS % Recovery:</b>	115	105	100	102
<b>Control Limits:</b>	60-140	60-140	60-140	60-140

MS/MSD	Batch #:	3DA8804	3DA8804	3DA8804	3DA8804
<b>Date Prepared:</b>	4/28/93	4/28/93	4/28/93	4/28/93	4/28/93
<b>Date Analyzed:</b>	4/28/93	4/28/93	4/28/93	4/28/93	4/28/93
<b>Instrument I.D.#:</b>	GCHP-7	GCHP-7	GCHP-7	GCHP-7	GCHP-7
<b>Matrix Spike % Recovery:</b>	100	100	95	93	
<b>Matrix Spike Duplicate % Recovery:</b>	90	85	80	82	
<b>Relative % Difference:</b>	11	16	17	12	

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Maria Lee  
Project Manager

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Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Matrix: Soil, Water

QC Sample Group 3DA9001-10

Reported: May 4, 1993

## QUALITY CONTROL DATA REPORT

ANALYTE	Lead
---------	------

**Method:** EPA 239.2  
**Analyst:** S. Chin  
**Conc. Spiked:** 0.050  
**Units:** mg/L

**LCS Batch#:** BLK042793

**Date Prepared:** 4/27/93  
**Date Analyzed:** 4/27/93  
**Instrument I.D.#:** MV-1

**LCS % Recovery:** 106

**Control Limits:** 75-125

**MS/MSD Batch #:** 3DA6303

**Date Prepared:** 4/27/93  
**Date Analyzed:** 4/27/93  
**Instrument I.D.#:** MV-1

**Matrix Spike % Recovery:** \*

**Matrix Spike Duplicate % Recovery:** \*

**Relative % Difference:** \*

\* Matrix interference

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Maria Lee  
Project Manager

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3DA9001.ACC <14>



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Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Matrix: Soil  
QC Sample Grou 3DA9001-09

Reported: May 4, 1993

## QUALITY CONTROL DATA REPORT

ANALYTE	Beryllium	Cadmium	Chromium	Nickel
<b>Method:</b>	EPA 6010	EPA 6010	EPA 6010	EPA 6010
<b>Analyst:</b>	C. Medefessor	C. Medefessor	C. Medefessor	C. Medefessor
<b>Conc. Spiked:</b>	100	100	100	100
<b>Units:</b>	mg/kg	mg/kg	mg/kg	mg/kg
<b>LCS Batch#:</b>	BLK043093	BLK043093	BLK043093	BLK043093
<b>Date Prepared:</b>	4/30/93	4/30/93	4/30/93	4/30/93
<b>Date Analyzed:</b>	4/30/93	4/30/93	4/30/93	4/30/93
<b>Instrument I.D.#:</b>	MTJA-2	MTJA-2	MTJA-2	MTJA-2
<b>LCS % Recovery:</b>	99	97	100	99
<b>Control Limits:</b>	75-125	75-125	75-125	75-125

MS/MSD				
<b>Batch #:</b>	3DA9001	3DA9001	3DA9001	3DA9001
<b>Date Prepared:</b>	4/30/93	4/30/93	4/30/93	4/30/93
<b>Date Analyzed:</b>	4/30/93	4/30/93	4/30/93	4/30/93
<b>Instrument I.D.#:</b>	MTJA-2	MTJA-2	MTJA-2	MTJA-2
<b>Matrix Spike % Recovery:</b>	95	91	97	90
<b>Matrix Spike Duplicate % Recovery:</b>	95	91	94	86
<b>Relative % Difference:</b>	0.0	0.0	3.1	4.5

SEQUOIA ANALYTICAL

Maria Lee  
Project Manager

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Accutite  
35 South Linden Avenue  
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Attention: Amy Marden

Client Project ID: VIP Service  
Matrix: Soil  
QC Sample Grou 3DA9009

Reported: May 4, 1993

## QUALITY CONTROL DATA REPORT

**ANALYTE** Diesel

**Method:** EPA 8015  
**Analyst:** C. Lee  
**Conc. Spiked:** 15  
**Units:** mg/kg

**LCS Batch#:** DBLK042893

**Date Prepared:** 4/28/93  
**Date Analyzed:** 4/28/93  
**Instrument I.D.#:** GCHP-5

**LCS %  
Recovery:** 80

**Control Limits:** 50-150

**MS/MSD  
Batch #:** D3DA7302

**Date Prepared:** 4/28/93  
**Date Analyzed:** 4/29/93  
**Instrument I.D.#:** GCHP-5

**Matrix Spike  
% Recovery:** \*

**Matrix Spike  
Duplicate %  
Recovery:** \*

**Relative %  
Difference:** \*

\* Note: Loss of diesel spike is due to matrix effect.

SEQUOIA ANALYTICAL

  
Maria Lee  
Project Manager

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3DA9001.ACC <16>



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Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Matrix: Soil  
QC Sample Group: 3DA9009

Reported: May 4, 1993

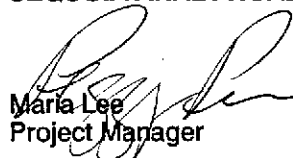
## QUALITY CONTROL DATA REPORT

**ANALYTE** Oil & Grease

**Method:** EPA 5520 EF  
**Analyst:** M. Shkidt  
**Conc. Spiked:** 1000  
**Units:** mg/kg  
**LCS Batch#:** BLK042993  
**Date Prepared:** 4/29/93  
**Date Analyzed:** 4/29/93  
**Instrument I.D.#:** N/A  
**LCS % Recovery:** 89  
**Control Limits:** 70-110

**MS/MSD Batch #:** 3DB7001  
**Date Prepared:** 4/29/93  
**Date Analyzed:** 4/29/93  
**Instrument I.D.#:** N/A  
**Matrix Spike % Recovery:** 91  
**Matrix Spike Duplicate % Recovery:** 91  
**Relative % Difference:** 0.0

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Maria Lee  
Project Manager

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3DA9001.ACC <17>



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Accutite  
35 South Linden Avenue  
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Attention: Amy Marden

Client Project ID: VIP Service  
Matrix: Soil

QC Sample Group: 3DA9009

Reported: May 4, 1993

## QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloroethene	Trichloroethene	Chloro- benzene
<b>Method:</b>	EPA 8010	EPA 8010	EPA 8010
<b>Analyst:</b>	B. Samra	B. Samra	B. Samra
<b>Conc. Spiked:</b>	25	25	25
<b>Units:</b>	µg/kg	µg/kg	µg/kg
<b>LCS Batch#:</b>	VBLK042893	VBLK042893	VBLK042893
<b>Date Prepared:</b>	4/28/93	4/28/93	4/28/93
<b>Date Analyzed:</b>	4/28/93	4/28/93	4/28/93
<b>Instrument I.D.#:</b>	GCHP-9	GCHP-9	GCHP-9
<b>LCS % Recovery:</b>	108	128	96
<b>Control Limits:</b>	59-172	62-137	60-133

MS/MSD Batch #:	V3DA9009	V3DA9009	V3DA9009
<b>Date Prepared:</b>	4/28/93	4/28/93	4/28/93
<b>Date Analyzed:</b>	4/28/93	4/28/93	4/28/93
<b>Instrument I.D.#:</b>	GCHP-9	GCHP-9	GCHP-9
<b>Matrix Spike % Recovery:</b>	88	136	96
<b>Matrix Spike Duplicate % Recovery:</b>	100	140	108
<b>Relative % Difference:</b>	13	2.9	12

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*Maria Lee*  
Maria Lee  
Project Manager

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Attention: Amy Marden

Client Project ID: VIP Service  
Matrix: Soil  
QC Sample Grou 3DA9009

Reported: May 4, 1993

## QUALITY CONTROL DATA REPORT

ANALYTE	Phenol	2-Chlorophenol	1,4-Dichloro- benzene	N-Nitroso-Di- N-propylamine	1,2,4-Trichloro- benzene	4-Chloro-3- Methylphenyl
<b>Method:</b>	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270
<b>Analyst:</b>	G. Meyer	G. Meyer	G. Meyer	G. Meyer	G. Meyer	G. Meyer
<b>Conc. Spiked:</b>	50-100	50-100	50-100	50-100	50-100	50-100
<b>Units:</b>	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
<b>LCS Batch#:</b>	BLK042393	BLK042393	BLK042393	BLK042393	BLK042393	BLK042393
<b>Date Prepared:</b>	4/23/93	4/23/93	4/23/93	4/23/93	4/23/93	4/23/93
<b>Date Analyzed:</b>	4/29/93	4/29/93	4/29/93	4/29/93	4/29/93	4/29/93
<b>Instrument I.D.#:</b>	F4	F4	F4	F4	F4	F4
<b>LCS % Recovery:</b>	86	81	80	92	90	83
<b>Control Limits:</b>	26-90	25-102	28-104	41-126	38-107	26-103

MS/MSD Batch #:	3D96502	3D96502	3D96502	3D96502	3D96502	3D96502
<b>Date Prepared:</b>	4/23/93	4/23/93	4/23/93	4/23/93	4/23/93	4/23/93
<b>Date Analyzed:</b>	4/29/93	4/29/93	4/29/93	4/29/93	4/29/93	4/29/93
<b>Instrument I.D.#:</b>	H5	H5	H5	H5	H5	H5
<b>Matrix Spike % Recovery:</b>	77	54	68	70	68	57
<b>Matrix Spike Duplicate % Recovery:</b>	70	51	58	66	58	44
<b>Relative % Difference:</b>	9.5	5.7	16	5.9	16	26

SEQUOIA ANALYTICAL

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Maria Lee  
Project Manager





# SEQUOIA ANALYTICAL

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Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Amy Marden

Client Project ID: VIP Service  
Matrix: Soil  
QC Sample Group: 3DA9009

Reported: May 4, 1993

## QUALITY CONTROL DATA REPORT

ANALYTE	Acenaphthene	4-Nitrophenol	2,4-Dinitro-toluene	Pentachloro-phenol	Pyrene
<b>Method:</b>	EPA 8270	EPA 8270	EPA 8270	EPA 8270	EPA 8270
<b>Analyst:</b>	G. Meyer	G. Meyer	G. Meyer	G. Meyer	G. Meyer
<b>Conc. Spiked:</b>	50-100	50-100	50-100	50-100	50-100
<b>Units:</b>	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
<b>LCS Batch#:</b>	BLK042393	BLK042393	BLK042393	BLK042393	BLK042393
<b>Date Prepared:</b>	4/23/93	4/23/93	4/23/93	4/23/93	4/23/93
<b>Date Analyzed:</b>	4/29/93	4/29/93	4/29/93	4/29/93	4/29/93
<b>Instrument I.D.#:</b>	F4	F4	F4	F4	F4
<b>LCS % Recovery:</b>	78	84	86	83	86
<b>Control Limits:</b>	31-137	11-114	28-89	17-109	35-142

MS/MSD Batch #:	3D96502	3D96502	3D96502	3D96502	3D96502
<b>Date Prepared:</b>	4/23/93	4/23/93	4/23/93	4/23/93	4/23/93
<b>Date Analyzed:</b>	4/29/93	4/29/93	4/29/93	4/29/93	4/29/93
<b>Instrument I.D.#:</b>	H5	H5	H5	H5	H5
<b>Matrix Spike % Recovery:</b>	68	0.0	0.0	61	86
<b>Matrix Spike Duplicate % Recovery:</b>	62	0.0	0.0	34	74
<b>Relative % Difference:</b>	9.2	0.0	0.0	57	15

SEQUOIA ANALYTICAL

*Maria Lee*  
Maria Lee  
Project Manager

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### CHAIN OF CUSTODY REPORT

CLIENT: ACCUTITE ENVIRONMENTAL ENGINEERING		REPORT TO: EDDY TABET		TURNAROUND TIME:										
ADDRESS: 35 SOUTH LINDEN SOUTH SAN FRANCISCO, CA 94080		BILLING TO: ACCUTITE		8 HR.										
PHONE: (415) 952-5551				24 HR.	48 HR.	72 HR.								
PROJECT NAME/SITE: VIP Service 3889 Castro Valley Blvd.		PO#/BILLING REFERENCE:		<input checked="" type="checkbox"/> 5 DAY <input checked="" type="checkbox"/> 10 DAY <input type="checkbox"/> 15 DAY										
SAMPLER: Eddy Tabet				DATE: 4/26/93										
SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	TPH W G	BTXE	TOTAL Pb	TPH D	TOG	BO10	8270	Cr Cd Ni Zn	REMARKS	SAMPLE NUMBER
NE	SOIL	1	2"Ø	3:45 pm	X	X	X							
NW		1	BRASS		X	X	X							9304A90-dA
SE		1			X	X	X							02
SW		1			X	X	X							03
EN		1			X	X	X							04
ES		1			X	X	X							05
WN		1			X	X	X							06
WS		1			X	X	X							07
W.O.	↓	1	↓	4:15 pm	X	X	X	X	X	X	X	X		08
Water-VIP	H2O	4	2VOA 27.600	4:25 pm	X	X	X							09
RELINQUISHED BY: Eddy Tabet		DATE: 4/26/93		TIME: 6:07 pm		RECEIVED BY:		TRAVEL TIME:		ON-SITE TIME:		OTHER:		
RELINQUISHED BY:		DATE:		TIME:		RECEIVED BY:		WERE SAMPLES:		PRESERVED ?		IN GOOD CONDITION?		
RELINQUISHED BY:		DATE:		TIME:		RECEIVED IN LAB BY: J. Arnold		4/26/93		6:07 pm				

↓ 10A-D



# SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID: VIP Service	Sampled: Apr 28, 1993
35 South Linden Avenue	Sample Matrix: Soil	Received: Apr 28, 1993
South San Francisco, CA 94080	Analysis Method: EPA 5030/8015/8020	Reported: May 5, 1993
Attention: Eddy Tabet	First Sample #: 3DB9101	

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 3DB9101 I-1	Sample I.D. 3DB9102 I-2	Sample I.D. 3DB9103 I-3	Sample I.D. 3DB9104 I-4	Sample I.D. 3DB9105 I-5	Sample I.D. 3DB9106 I-6
Purgeable Hydrocarbons	1.0	N.D.	1.7	4.7	3.4	2.7	N.D.
Benzene	0.0050	0.0080	0.097	0.21	0.27	0.075	N.D.
Toluene	0.0050	N.D.	N.D.	0.038	0.031	N.D.	N.D.
Ethyl Benzene	0.0050	N.D.	0.052	0.10	0.14	0.058	N.D.
Total Xylenes	0.0050	N.D.	0.020	0.37	0.45	0.12	N.D.
Chromatogram Pattern:		Disc Peak	Gas	Gas	Gas	Gas	--

### Quality Control Data

Report Limit							
Multiplication Factor:	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Date Analyzed:	4/30/93	4/30/93	4/30/93	4/30/93	4/30/93	4/30/93	4/30/93
Instrument Identification:	GCHP-6	GCHP-6	GCHP-6	GCHP-6	GCHP-6	GCHP-6	GCHP-6
Surrogate Recovery, %: (QC Limits = 70-130%)	107	108	116	102	112	96	

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.  
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

Maria Lee  
Project Manager



# SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

Accutite	Client Project ID: VIP Service	Sampled: Apr 28, 1993
35 South Linden Avenue	Sample Matrix: Soil	Received: Apr 28, 1993
South San Francisco, CA 94080	Analysis Method: EPA 5030/8015/8020	Reported: May 5, 1993
Attention: Eddy Tabet	First Sample #: 3DB9107	

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 3DB9107 I-7	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Sample I.D.
Purgeable Hydrocarbons	1.0	N.D.					
Benzene	0.0050	0.020					
Toluene	0.0050	N.D.					
Ethyl Benzene	0.0050	0.017					
Total Xylenes	0.0050	0.015					

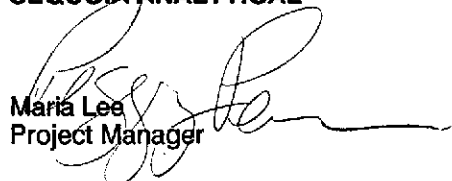
Chromatogram Pattern: -

### Quality Control Data

Report Limit	
Multiplication Factor:	1.0
Date Analyzed:	4/30/93
Instrument Identification:	GCHP-6
Surrogate Recovery, %: (QC Limits = 70-130%)	101

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.  
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

  
Maria Lee  
Project Manager



# SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Eddy Tabet

Client Project ID: VIP Service  
Sample Descript: Soil  
Analysis for: Lead  
First Sample #: 3DB9101

Sampled: Apr 28, 1993  
Received: Apr 28, 1993  
Analyzed: May 3, 1993  
Reported: May 5, 1993

## LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
3DB9101	I-1	5.0	N.D.
3DB9102	I-2	5.0	N.D.
3DB9103	I-3	5.0	N.D.
3DB9104	I-4	5.0	N.D.
3DB9105	I-5	5.0	N.D.
3DB9106	I-6	5.0	7.6
3DB9107	I-7	5.0	5.8

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

  
Maria Lee  
Project Manager

3DB9101.ACC <3>



# SEQUOIA ANALYTICAL

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Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Eddy Tabet

Client Project ID: VIP Service  
Matrix: Soil

QC Sample Group 3DB9101-07

Reported: May 5, 1993

## QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
<b>Method:</b>	EPA 8020	EPA 8020	EPA 8020	EPA 8020
<b>Analyst:</b>	C. Donohue	C. Donohue	C. Donohue	C. Donohue
<b>Conc. Spiked:</b>	0.20	0.20	0.20	0.60
<b>Units:</b>	mg/kg	mg/kg	mg/kg	mg/kg
<b>LCS Batch#:</b>	GBLK043093	GBLK043093	GBLK043093	GBLK043093
<b>Date Prepared:</b>	4/30/93	4/30/93	4/30/93	4/30/93
<b>Date Analyzed:</b>	4/30/93	4/30/93	4/30/93	4/30/93
<b>Instrument I.D.#:</b>	GCHP-6	GCHP-6	GCHP-6	GCHP-6
<b>LCS % Recovery:</b>	90	100	100	102
<b>Control Limits:</b>	66-142	59-139	60-133	60-133

MS/MSD	Batch #:	3DC2804	3DC2804	3DC2804	3DC2804
<b>Date Prepared:</b>	4/30/93	4/30/93	4/30/93	4/30/93	4/30/93
<b>Date Analyzed:</b>	4/30/93	4/30/93	4/30/93	4/30/93	4/30/93
<b>Instrument I.D.#:</b>	GCHP-6	GCHP-6	GCHP-6	GCHP-6	GCHP-6
<b>Matrix Spike % Recovery:</b>	80	80	80	92	
<b>Matrix Spike Duplicate % Recovery:</b>	85	95	95	97	
<b>Relative % Difference:</b>	6.1	17	17	5.3	

SEQUOIA ANALYTICAL

*Maria Lee*  
Maria Lee  
Project Manager

Please Note:  
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation and analytical methods employed for the samples. The LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.



# SEQUOIA ANALYTICAL

680 Chesapeake Drive • Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

Accutite  
35 South Linden Avenue  
South San Francisco, CA 94080  
Attention: Eddy Tabet

Client Project ID: VIP Service  
Matrix: Soil  
QC Sample Group 3DB9101-07

Reported: May 5, 1993

## QUALITY CONTROL DATA REPORT

ANALYTE	Beryllium	Cadmium	Chromium	Nickel
<b>Method:</b>	EPA 6010	EPA 6010	EPA 6010	EPA 6010
<b>Analyst:</b>	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
<b>Conc. Spiked:</b>	100	100	100	100
<b>Units:</b>	mg/kg	mg/kg	mg/kg	mg/kg
<b>LCS Batch#:</b>	BLK050393	BLK050393	BLK050393	BLK050393
<b>Date Prepared:</b>	5/3/93	5/3/93	5/3/93	5/3/93
<b>Date Analyzed:</b>	5/3/93	5/3/93	5/3/93	5/3/93
<b>Instrument I.D.#:</b>	MTJA-2	MTJA-2	MTJA-2	MTJA-2
<b>LCS % Recovery:</b>	94	89	93	96
<b>Control Limits:</b>	75-125	75-125	75-125	75-125

MS/MSD Batch #:	3DB9105	3DB9105	3DB9105	3DB9105
<b>Date Prepared:</b>	5/3/93	5/3/93	5/3/93	5/3/93
<b>Date Analyzed:</b>	5/3/93	5/3/93	5/3/93	5/3/93
<b>Instrument I.D.#:</b>	MTJA-2	MTJA-2	MTJA-2	MTJA-2
<b>Matrix Spike % Recovery:</b>	94	88	97	90
<b>Matrix Spike Duplicate % Recovery:</b>	92	85	91	81
<b>Relative % Difference:</b>	2.2	3.5	6.4	11

SEQUOIA ANALYTICAL

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Project Manager

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### CHAIN OF CUSTODY REPORT

CLIENT: ACCUTITE ENVIRONMENTAL ENGINEERING				REPORT TO: EDDY TABET				TURNAROUND TIME:							
ADDRESS: 35 SOUTH LINDEN SOUTH SAN FRANCISCO, CA 94080				BILLING TO: ACCUTITE				8 HR.							
PHONE: (415) 952-5551								24 HR.		48 HR.					
PROJECT NAME/SITE: VIP service 3889 Castro Valley Blvd.				PO#/BILLING REFERENCE:				5 DAY		72 HR.					
SAMPLER: IAN KNOTT				DATE: 4/28/93				ANALYSIS REQUESTED							
SAMPLE ID#/ STATION		SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	TPH	GT	BTX	E	TOTAL	Pb	REMARKS		SAMPLE NUMBER	
I-1		soil	1	2" brass	1:05pm 4/28	X	X	X							
I-2		✓	1	2" brass	1:10pm 4/28	X	X	X						9304 B91-01 A	
I-3		✓	1	2" brass	1:15pm 4/28	X	X	X						-02 A	
I-4		✓	1	2" brass	1:25pm 4/28	X	X	X						-03 A	
I-5		✓	1	2" brass	1:30pm 4/28	X	X	X						-04 A	
I-6		✓	1	2" brass	1:35pm 4/28	X	X	X						-05 A	
I-7		✓	1	2" brass	1:40pm 4/28	X	X	X						-06 A	
														✓ -07 A	
RELINQUISHED BY: <i>[Signature]</i>				DATE: 4-28-93		TIME: 3:20pm		RECEIVED BY: <i>[Signature]</i>				TRAVEL TIME:			
RELINQUISHED BY: <i>[Signature]</i>				DATE: 4/28		TIME: 4:30		RECEIVED BY: <i>[Signature]</i> 661				ON-SITE TIME:			
RELINQUISHED BY: <i>[Signature]</i>				DATE: 4/28		TIME: 10:50		RECEIVED IN LAB BY: <i>[Signature]</i>				OTHER:			
										WERE SAMPLES:		YES	NO		
										PRESERVED ?					
										IN GOOD CONDITION?					