

File No. 7-92-514-SA

SOIL SAMPLING BELOW REMOVED
UNDERGROUND STORAGE TANKS
AT TONY'S EXPRESS STATION
LOCATED AT 3609 EAST 14TH STREET
OAKLAND, CALIFORNIA
JULY 27, 1993

PREPARED FOR:
MR. ABOLGHASSEM RAZI
3609 EAST 14TH STREET
OAKLAND, CALIFORNIA 94601

BY:
SOIL TECH ENGINEERING, INC.
298 BROKAW ROAD
SANTA CLARA, CALIFORNIA 95050

SOIL TECH ENGINEERING, INC.

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File No. 7-92-514-SA

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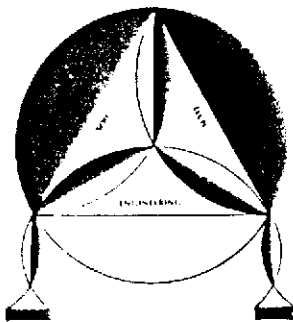
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SOIL TECH ENGINEERING, INC.

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SOIL TECH ENGINEERING

Soil, Foundation and Geological Engineers

298 BROKAW ROAD, SANTA CLARA, CA 95050 ■ (408) 496-0265 OR (408) 496-0266

July 27, 1993

File No. 7-92-514-SA

Mr. Abolghassem Razi
Tony's Express Auto Service
3609 East 14th Street
Oakland, California 94601

SUBJECT: SOIL SAMPLING BELOW REMOVED UNDERGROUND STORAGE
TANKS AT TONY'S EXPRESS STATION
Located at 3609 East 14th Street, in
Oakland, California

Dear Mr. Razi:

Per your request and authorization, our firm conducted soil sampling services below the removed underground storage tanks at the above-referenced site (Figure 1). The sampling and analytical testing were conducted in accordance with the State and local regulatory agencies' standard procedures. In addition, the soil sampling was conducted under the supervision of Mr. Barney Chan, a staff of Alameda County Health Care Services Agency--Department of Environmental Health (ACHCSA--DEH).

FIELD ACTIVITIES:

On July 1, 1993, after the excavation and removal of three underground storage tanks (10,000 gallon gasoline, 6,000 gallon gasoline, and 550 gallon waste oil) by Alpha Geo Services, and

transported by H&H Environmental Services to their facility in San Francisco, four discrete soil samples from the gasoline tanks excavation were collected by Soil Tech Engineering, Inc. (STE) engineer. On July 13, 1993, a soil sample from waste oil tank was collected. In addition, Mr. Barney Chan with the ACHCSA-DEH requested one additional soil sample to be collected from waste oil tank. STE also conducted stockpile soil sampling and sampling beneath the old piping area.

The soil samples were collected from the tanks excavation areas at the depth of approximately twelve feet below the ground surface. The soil samples from beneath the gasoline tanks were labeled as 1-12, 2-12, 3-12 and 4-12, and the soil samples from beneath the waste oil tank were labeled WO-1-7 and WO-2-7. The ~~stockpile~~ soil samples from piping area were collected at the depth of approximately 2 and 5 feet below the ground surface. Stockpile soil samples were collected at the depth of 2 to 3 feet below the surface of stockpile. Figures 2 and 3 shows the approximate samples locations. The depth of samples is summarized in Table 1, and condition of the tanks is summarized in Table 2.

The soil samples from the tank excavation areas were collected in a clean brass tube with the aid of backhoe by moving aside slough materials and retrieving native materials from the specified and measured depth. Approximately six-inches of soil was removed from the top of the backhoe bucket with a shovel, and a clean two

inch diameter brass tube sampler was driven into the soil. Immediately upon sampling, the tube ends were covered with aluminum foil and plastic caps, sealed, labeled and placed in a cold ice chest for transport to Argon Mobile Labs, in Ceres, California, with the proper chain-of-custody.

The soil encountered around the gasoline tanks was dark brown silty clay. The native soil encountered along the walls and bottom of the pit from 10 feet below the surface grade to the depth of the excavation (14 feet) was dark grey to olive-grey. Based on our field observation, the excavated soil from surface to the depth of 14 feet was dark brown to olive-grey color with dark stain and abnormal odor.

The visual inspection of the tanks revealed that none of the tanks had holes. *incorrect. waste oil tank had several ~~holes~~ holes*

LABORATORY ANALYSIS:

The soil samples from beneath gasoline tanks, piping and stockpile were analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg), Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX). The soil samples from beneath the waste oil tank were analyzed for TPH as diesel and gasoline, BTEX, Volatile Organic Compounds (VOC's), Total Oil and Grease (TOG), Cadmium, Chromium, Lead, Nickel, and Zinc. The results of analysis are summarized in Table 1. The laboratory test results with the chain-of-custody are attached in Appendix "B".

SOIL ANALYTICAL RESULTS:

Total Petroleum Hydrocarbons as diesel and gasoline (TPHd and TPHg), BTEX and TOG were below the laboratory detection limit in both soil samples (WO-1-7 and WO-2-7) taken from waste oil tank excavation. Cadmium was not detected in soil samples WO-1-7 and WO-2-7. Soil sample WO-1-7 detected Chromium at 140 milligrams per kilogram (mg/Kg), Lead at 9 mg/Kg, Nickel at 210 mg/Kg and Zinc at 53 mg/Kg. Soil sample WO-2-7 detected Chromium at 140 mg/Kg, Nickel at 200 mg/Kg and Zinc at 54 mg/Kg, but Lead was below laboratory detection limit.

Total Petroleum Hydrocarbons as gasoline (TPHg) was detected in all four soil samples collected from tanks excavation pit. TPHg levels ranged from 2.1 mg/Kg to a maximum of 640 mg/Kg (1-12, 2-12, 3-12 and 4-12). Low levels of BTEX were detected in the soil samples 1-12, 2-12, 3-12 and 4-12. The five composite soil samples collected from stockpile soil detected TPHg ranging from 1.3 mg/Kg to a maximum 500 mg/Kg.

Total Petroleum Hydrocarbons as gasoline (TPHg) was detected in soil samples from under the piping ranged from below detection level to a maximum of 4,100 mg/Kg.

FINDINGS AND RECOMMENDATIONS:

- The waste oil tank soil samples showed no TPHd, TPHg, BTEX, VOC's and TOG. Low levels of heavy metals were detected in soil samples WO-1-7 and WO-2-7.

- The tank excavation soil samples showed low to a moderate concentrations of TPHg. BTEX levels were fairly low.
- The analytical results of soil samples from piping area showed an elevated levels of Total Petroleum Hydrocarbons as gasoline (TPHg) ranging from non-detected to a maximum of 4,100 mg/Kg.
- The soil encountered to the depth of 14 feet below surface grade from tank pit excavation was silty clay with abnormal stain and odor.
- The analytical results of stockpile soil samples detected low to moderate levels of TPHg and BTEX.
- No holes were noted in any of the tanks. *WRONG!*
- This report must be submitted to the following regulatory agencies:

Alameda County Health Care Services Agency
Department of Environmental Health
80 Sway Way, Room 200
Oakland, California 94621
ATTENTION: MR. BARNEY CHAN

City of Oakland
Fire Prevention Bureau
1333 Broadway Street
Oakland, California 94612

Regional Water Quality Control Board
2101 Webster Street, Suite 500
Oakland, California 94612

Based on "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites", dated August 1990, additional investigation are required by regulatory agency to define the extent of soil and groundwater contamination.

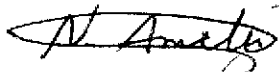
LIMITATIONS:

This report was prepared in accordance with the currently accepted standards for environmental investigations. The contents of this report reflect the conditions of the subject site during the sampling. No other warranties, expressed or implied, as to the professional advice provided are made.

It has been our pleasure to be of service to you on this project. If you have any questions or require additional information, please feel free to contact our office at your convenience.

Sincerely,

SOIL TECH ENGINEERING, INC.



NOORODDIN AMELI
PROJECT ENGINEER



LAWRENCE KOO, P. E.
C. E. #34928



FRANK HAMEDI-FARD
GENERAL MANAGER

File No. 7-92-514-SA

A P P E N D I X "A"

SOIL TECH ENGINEERING, INC.

TABLE 1
SUMMARY OF SOIL ANALYSIS RESULTS
FROM REMOVED UNDERGROUND TANKS
IN
MILLIGRAM PER KILOGRAMS (mg/Kg)

I. TPHd, TPHg, BTEX AND TOG RESULTS

Date	Sample Number	Depth feet	TPHd	TPHg	B	T	E	X	TOG
7/01/93	1-12	12	NA	370	1.3	6.3	3.4	18	NA
	2-12	12	NA	640	2.7	10	4.9	27	NA
	3-12	12	NA	2.1	0.01	0.022	0.017	0.052	NA
	4-12	12	NA	20	0.68	0.37	0.34	1.3	NA
7/13/93	WO-1-7	7	ND	ND	ND	ND	ND	ND	ND
	WO-2-7	7	ND	ND	ND	ND	ND	ND	ND

II. CADMIUM, CHROMIUM, LEAD, NICKEL, ZINC AND VOC'S RESULTS

Date	Sample Number	Depth (feet)	Cd	Cr	Pb	Ni	Zn	VOC's
7/01/93	WO-1-7	7	ND	140	9	210	53	ND
	WO-2-7	7	ND	140	ND	200	54	ND

VOC's - Volatile Organic Compounds
 TPHd - Total Petroleum Hydrocarbons as diesel
 TPHg - Total Petroleum Hydrocarbons as gasoline
 BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes
 ND - Not Detected (Below Laboratory Detection Limit)

TABLE 1 CONT'D
 SUMMARY OF SOIL ANALYSIS RESULTS
 FROM OLD PIPING AND STOCKPILE
 IN
 MILLIGRAM PER KILOGRAMS (mg/Kg)

III. OLD PIPING SOIL SAMPLES RESULTS

Date	Sample Number	Depth feet	TPHg	B	T	E	X
7/13/93	B-1-5	5	75	0.23	0.43	0.5	1.1
	B-2-2	2	980	3.9	15	8.5	43
	B-3-2	2	4,100	12	75	29	180
	B-4-5	5	280	1.9	7.0	3.4	18
	B-5-5	5	97	1.8	4.0	1.2	6.8
	B-6-5	5	ND	0.045	0.011	0.006	0.01
	B-7-5	7	2.5	0.24	0.023	0.03	0.047
	B-8-5	5	530	2.8	7.5	5.3	27
	B-9-5	5	1,100	6.7	25	9.7	53
	B-10-2	2	1,900	5.2	37	17	85

TPHg - Total Petroleum Hydrocarbons as gasoline
 BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes
 ND - Not Detected (Below Laboratory Detection Limit)

TABLE 1 CONT'D
SUMMARY OF SOIL ANALYSIS RESULTS
FROM STOCKPILE SOIL
IN
MILLIGRAM PER KILOGRAMS (mg/Kg)

IV. STOCKPILE SOIL SAMPLES RESULTS

Date	Sample Number	TPHg	B	T	E	X
7/13/93	ST-1,2,3,4	500	ND	ND	ND	4.1
	ST-5,6,7,8	1.3	ND	ND	ND	ND
	ST-9,10,11,12	2.9	ND	0.009	ND	0.032
	ST-13,14,15,16	10	ND	ND	ND	0.12
	ST-17,18,19,20	81	ND	0.075	ND	0.26

TPHg - Total Petroleum Hydrocarbons as gasoline
BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes
ND - Not Detected (Below Laboratory Detection Limit)

TABLE 2
FIELD OBSERVATION OF THE TANKS

Type of Tank	Size (gallon)	Construction	Piping
Gasoline	10,000	Single Wall Steel	Single Wall Steel
Condition		Hole was Observed	No Hole Observed

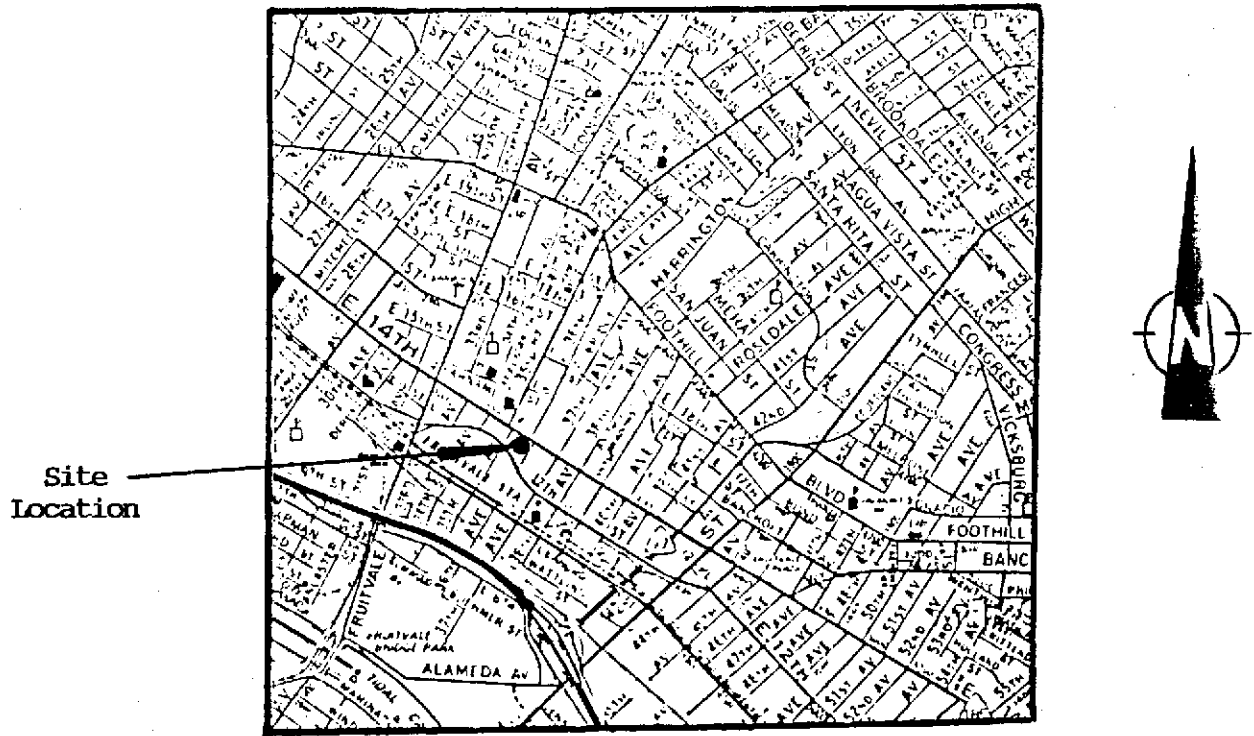
Type of Tank	Size (gallon)	Construction	Piping
Gasoline	6,000	Single Wall Steel	Single Wall Steel
Condition		Hole was Observed	No Hole Observed

Type of Tank	Size (gallon)	Construction	Piping
Waste Oil	550	Single Wall Steel	Single Wall Steel
Condition		Hole was Observed	No Hole Observed

File No. 7-92-514-SA

A P P E N D I X "B"

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Thomas Brothers Map 1993 Edition
San Francisco, Alameda
and Contra Costa Counties

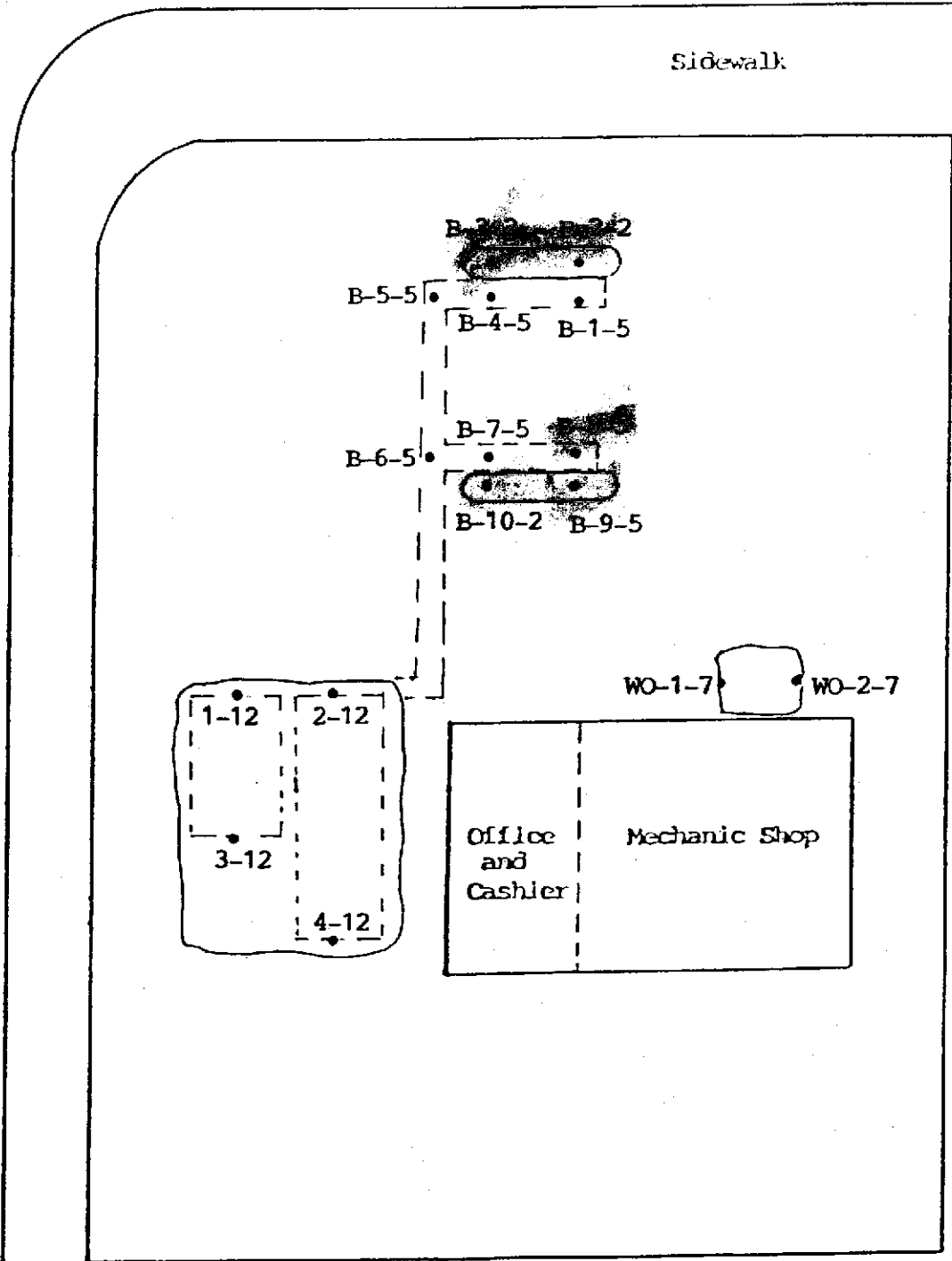
Page 12 A3

EAST 14TH STREET



Sidewalk

36TH AVENUE



SCALE: 1"=20'

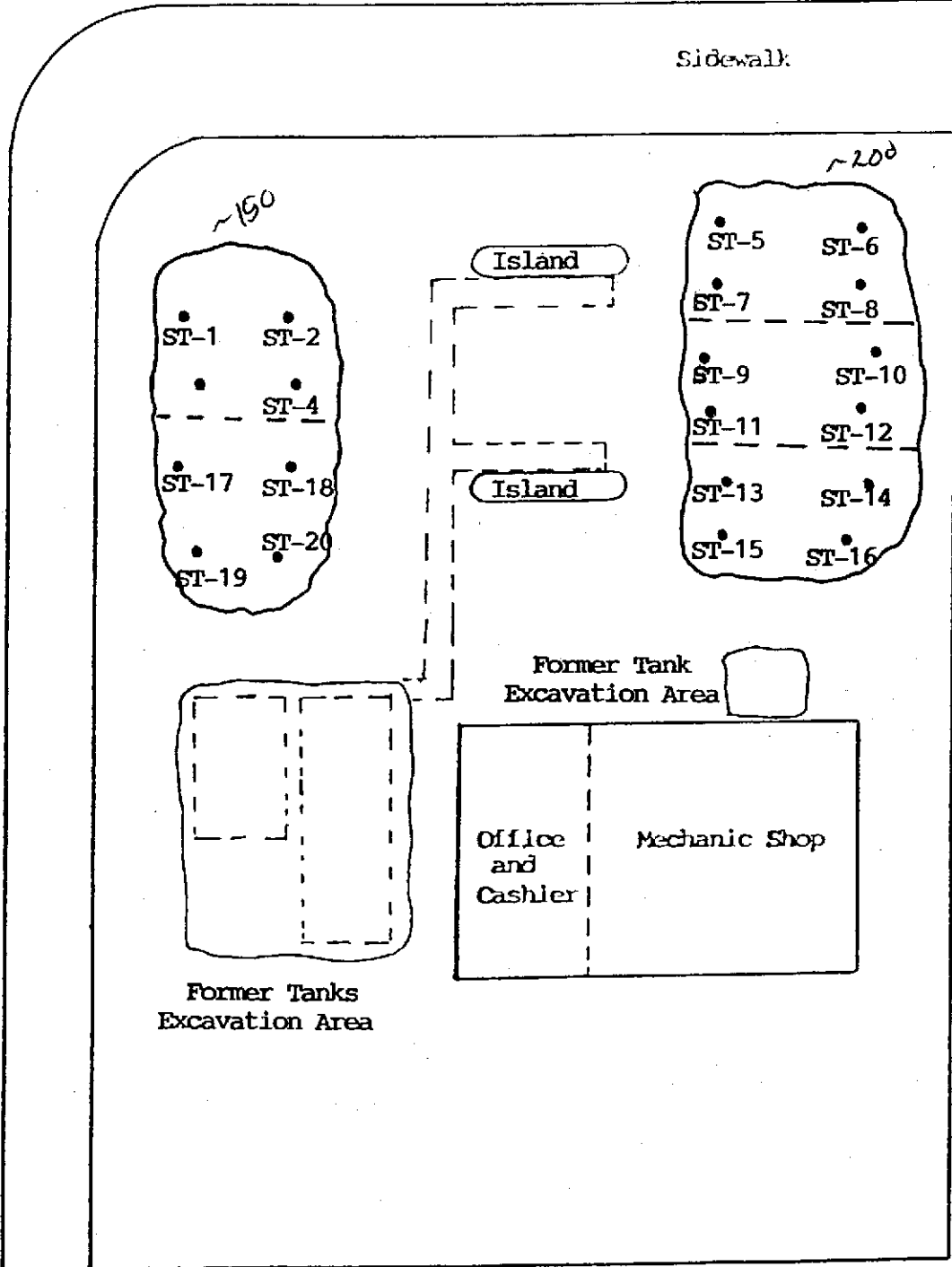
Figure 2

EAST 14TH STREET



36TH AVENUE

Sidewalk



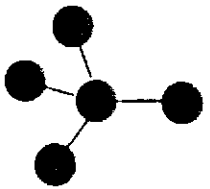
SCALE: 1"=20'

Figure 3

File No. 7-92-514-SA

A P P E N D I X "C"

SOIL TECH ENGINEERING, INC.



Argon Mobile Labs

Stan's Law

3008 McKittrick Ct., Suite N • Ceres, CA 95307 • (209) 537-7836

Geochem

1873

SOIL TECH ENGINEERING
298 Brokaw Road
Santa Clara, CA 95050

Date Sampled: 07-01-93
Date Received: 07-08-93
Date Reported: 07-09-93

Project ID: 7-92-514-SA
Sample ID: 1-12

Lab No.: T307041
Matrix: Soil

TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	370
Benzene	0.005	1.3
Toluene	0.005	6.3
Xylenes	0.005	18
Ethyl-Benzene	0.005	3.4

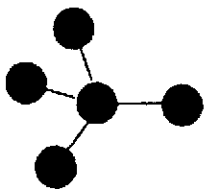
QA/QC: Blank is none detected.
12.9% Duplicate Deviation

Note: Analysis was performed using EPA methods 5030/TPH-LUFT/8020
ppm = mg/Kg

ARGON MOBILE LABS

Hiram Cueto

Hiram Cueto
Lab Director



Argon Mobile Labs

3008 McKittrick Ct., Suite N • Ceres, CA 95307 • (209) 537-7836

SOIL TECH ENGINEERING
298 Brokaw Road
Santa Clara, CA 95050

Date Sampled: 07-01-93
Date Received: 07-08-93
Date Reported: 07-09-93

Project ID: 7-92-514-SA
Sample ID: 2-12

Lab No.: T307042
Matrix: Soil

TPH-gas/BTXE

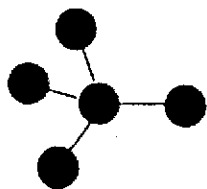
ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	640
Benzene	0.005	2.7
Toluene	0.005	10
Xylenes	0.005	27
Ethyl-Benzene	0.005	4.9

QA/QC: 6.9% Duplicate Deviation

Note: Analysis was performed using EPA methods 5030/TPH-LUFT/8020
ppm = mg/Kg

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Hiram Cueto
Hiram Cueto
Lab Director



Argon Mobile Labs

3008 McKittrick Ct., Suite N • Ceres, CA 95307 • (209) 537-7836

SOIL TECH ENGINEERING
298 Brokaw Road
Santa Clara, CA 95050

Date Sampled: 07-01-93
Date Received: 07-08-93
Date Reported: 07-09-93

Project ID: 7-92-514-SA
Sample ID: 3-12

Lab No.: T307043
Matrix: Soil

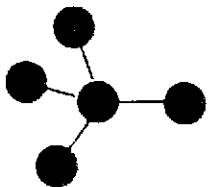
TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	2.1
Benzene	0.005	0.010
Toluene	0.005	0.022
Xylenes	0.005	0.052
Ethyl-Benzene	0.005	0.017

Note: Analysis was performed using EPA methods 5030/TPH-LUFT/8020
ppm = mg/Kg

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Lab Director



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SOIL TECH ENGINEERING
298 Brokaw Road
Santa Clara, CA 95050

Date Sampled: 07-01-93
Date Received: 07-08-93
Date Reported: 07-09-93

Project ID: 7-92-514-SA
Sample ID: 4-12

Lab No.: T307044
Matrix: Soil

TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	20
Benzene	0.005	0.68
Toluene	0.005	0.37
Xylenes	0.005	1.3
Ethyl-Benzene	0.005	0.34

Note: Analysis was performed using EPA methods 5030/TPH-LUFT/8020
ppm = mg/Kg

ARGON MOBILE LABS

Hiram Cueto

Hiram Cueto
Lab Director

CHAIN OF CUSTODY RECORD

PROJ. NO. 7-92-514-SA		NAME				ANALYSES REQUESTED TPHC BTEX		REMARKS	
SAMPLERS: (Signature) <i>[Signature]</i>				CON-TAINER					
NO.	DATE	TIME	SOIL	WATER	LOCATION				
1	7/1/93	11:00	✓		1-12	✓			
2	7/1/93	11:10	✓		2-12	✓			
3	/	11:20	✓		3-12	✓			
4	/	11:30	✓		4-12	✓			
Relinquished by: (Signature) <i>[Signature]</i>		Date / Time 7/8/93 10:00		Received by: (Signature) <i>[Signature]</i>		Relinquished by: (Signature)		Date / Time	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time	
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks	

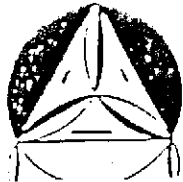


SOIL TECH ENGINEERING

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 298 BROKAW ROAD, SANTA CLARA, CA 95050 ■ (408) 496-0265 OR (408) 496-0266

CHAIN OF CUSTODY RECORD

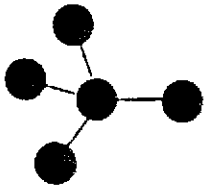
PROJ. NO. 7-92-SH-SA		NAME			CON-TAINER	ANALYSES REQUESTED (2) TPHG BTEX	REMARKS				
SAMPLERS: (Signature) <i>[Signature]</i>											
NO.	DATE	TIME	SOIL	WATER							
307041 042 043 044	1	7/1/93	11:~	✓	1-12	✓					
	2	7/1/93	11:10	✓	2-12	✓					
	3	/	11:20	✓	3-12	✓					
	4	/	11:30	✓	4-12	✓					
Relinquished by: (Signature) <i>[Signature]</i>		Date / Time 7/1/93 10:~	Received by: (Signature) <i>[Signature]</i>		Relinquished by: (Signature)		Date / Time	Received by: (Signature)			
Relinquished by: (Signature)		Date / Time	Received by: (Signature)		Relinquished by: (Signature)		Date / Time	Received by: (Signature)			
Relinquished by: (Signature)		Date / Time	Received for Laboratory by: (Signature)		Date / Time	Remarks					



SOIL TECH ENGINEERING

Soil, Foundation and Geological Engineers

298 BROKAW ROAD, SANTA CLARA, CA 95050 ■ (408) 496-0265 OR (408) 496-0266



Argon Mobile Labs

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SOIL TECH ENGINEERING, INC.
298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/14/93
Date Reported: 07/14/93

Project ID: 7-92-514-SA
Sample ID: WO-1-7

Lab Number: T307096
Matrix: Soil

TPH-gas/BTXE

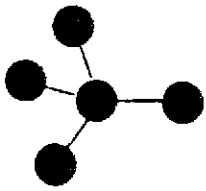
ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	<1.0
Benzene	0.005	<0.005
Toluene	0.005	<0.005
Xylenes	0.005	<0.005
Ethylbenzene	0.005	<0.005

QA/QC: 89% Surrogate Spike Recovery

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg

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Hiram Cueto
Hiram Cueto
Lab Director



Argon Mobile Labs

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SOIL TECH ENGINEERING, INC.
298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/14/93
Date Reported: 07/14/93

Project ID: 7-92-514-SA
Sample ID: WO-2-7

Lab Number: T307097
Matrix: Soil

TPH-gas/BTXE

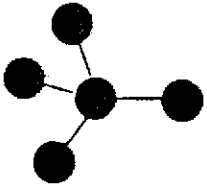
ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	<1.0
Benzene	0.005	<0.005
Toluene	0.005	<0.005
Xylenes	0.005	<0.005
Ethylbenzene	0.005	<0.005

QA/QC: 97% Surrogate Spike Recovery

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg

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Hiram Cueto
Hiram Cueto
Lab Director



Argon Mobile Labs

3008 McKittrick Ct., Suite N • Ceres, CA 95307 • (209) 537-7836

SOIL TECH ENGINEERING, INC
298 Brokaw Rd.
Santa Clara CA. 95050

Date Sampled: 07/13/93
Date Received: 07/14/93
Date Reported: 07/18/93

Project ID: 7-92-514-SA

Matrix: Soil

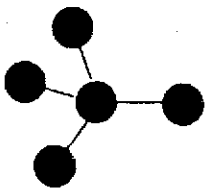
Sample Number	Sample Description	TPH-Diesel	
		Detection Limit	Total Petroleum Hydrocarbons as Diesel
		ppm	ppm
T307096	WO-1-7	5.0	<5.0
T307097	WO-2-7	5.0	<5.0

QA/QC: Blank is none detected.
106% Spike Recovery (T307145)
7.7% Duplicate Deviation (T307141)

Note: Analysis was performed by EPA methods 3550/TPH-LUFT
ppm = mg/Kg

ARGON MOBILE LABS

Hiram Cueto
Hiram Cueto
Lab Director



Argon Mobile Labs

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SOIL TECH ENGINEERING, INC.
298 Brokaw Rd.
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/14/93
Date Reported: 07/19/93

Project ID: 7-92-514-SA

Matrix: Soil

TOTAL OIL & GREASE

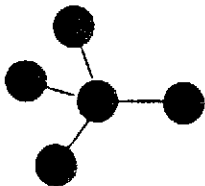
<u>Sample Number</u>	<u>Sample Description</u>	<u>Detection Limit</u>	<u>Gravimetric Waste Oil as Petroleum Oil</u>
		ppm	ppm
T307096	WO-1-7	50	<50
T307097	WO-2-7	50	<50

QA/QC: Freon blank is none detected.
108% Spike Recovery (T307073)
5.9% Duplicate Deviation (T307061)

Note: Analysis was performed by standard EPA methods 3550/5520
ppm = mg/Kg

ARGON MOBILE LABS

Hiram Cueto
Hiram Cueto
Lab Director



Argon Mobile Labs

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SOIL TECH ENGINEERING, INC.
298 Brokaw Rd.
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/14/93
Date Reported: 07/20/93

METALS, CAM 5
EPA Method 6010

Project ID: 7-92-514-SA
Sample ID: WO-1-7

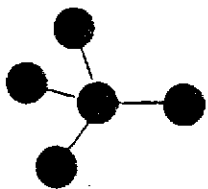
Matrix: Soil
Lab No: T307096

Name	Amount	Detection Limit	Units (ppm)
Cadmium (Cd)	ND	0.25	mg/Kg
Chromium (Cr)	140	0.25	mg/Kg
Lead (Pb)	9	2.5	mg/Kg
Nickel (Ni)	210	1.0	mg/Kg
Zinc (Zn)	53	0.25	mg/Kg

QA/QC: 72% Matrix Spike Recovery (Cd)
70% Matrix Spike Duplicate Recovery
92% Matrix Spike Recovery (Cr)
94% Matrix Spike Duplicate Recovery

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SOIL TECH ENGINEERING, INC.
298 Brokaw Rd.
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/14/93
Date Reported: 07/20/93

METALS, CAM 5
EPA Method 6010

Project ID: 7-92-514-SA
Sample ID: WO-2-7

Matrix: Soil
Lab No: T307097

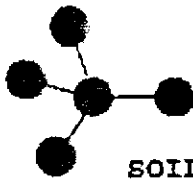
Name	Amount	Detection Limit	Units (ppm)
Cadmium (Cd)	ND	0.25	mg/Kg
Chromium (Cr)	140	0.25	mg/Kg
Lead (Pb)	ND	2.5	mg/Kg
Nickel (Ni)	200	1.0	mg/Kg
Zinc (Zn)	54	0.25	mg/Kg

QA/QC: 120% Matrix Spike Recovery (Ni)
67% Matrix Spike Duplicate Recovery

106% Matrix Spike Recovery (Zn)
96% Matrix Spike Duplicate Recovery

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298 Brokaw Rd.
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/14/93
Date Analyzed: 07/22/93

Project ID: 7-92-514-SA
Sample ID: WO-1-7

Lab No: T307096
Matrix: Soil

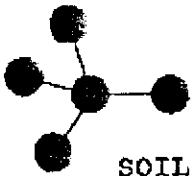
8010 Halogenated Volatile Organics

	Det. Lim. (ppm)		Results (ppm)
Bromodichloromethane -----	0.0010	-----	ND
Bromoform -----	0.0020	-----	ND
Bromomethane -----	0.0008	-----	ND
Carbon Tetrachloride -----	0.0012	-----	ND
Chlorobenzene -----	0.0025	-----	ND
Chloroethane -----	0.0052	-----	ND
Chloroform -----	0.0005	-----	ND
2-Chloroethylvinyl ether -----	0.0013	-----	ND
Chloromethane -----	0.0008	-----	ND
Dibromochloromethane -----	0.0009	-----	ND
Dibromomethane -----	0.0009	-----	ND
1,2-Dichlorobenzene -----	0.0015	-----	ND
1,3-Dichlorobenzene -----	0.0032	-----	ND
1,4-Dichlorobenzene -----	0.0024	-----	ND
Dichlorodifluoromethane -----	0.0020	-----	ND
1,1-Dichloroethane -----	0.0007	-----	ND
1,2-Dichloroethane -----	0.0003	-----	ND
1,1-Dichloroethylene -----	0.0013	-----	ND
t-1,2-Dichloroethylene -----	0.0010	-----	ND
Dichloromethane -----	0.0050	-----	ND
1,2-Dichloropropane -----	0.0040	-----	ND
t-1,3-Dichloropropylene -----	0.0034	-----	ND
1,1,2,2-Tetrachloroethane -----	0.0003	-----	ND
1,1,1,2-Tetrachloroethane -----	0.0003	-----	ND
Tetrachloroethylene -----	0.0003	-----	ND
1,1,1-Trichloroethane -----	0.0003	-----	ND
1,1,2-Trichloroethane -----	0.0002	-----	ND
Trichloroethylene -----	0.0012	-----	ND
Trichlorofluoromethane -----	0.0030	-----	ND
Trichloropropane -----	0.0030	-----	ND
Vinyl Chloride -----	0.0018	-----	ND

QA/QC: 101% Surrogate Spike Recovery 4-Bromofluorobenzene
Note: ppm = mg/Kg

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Hiram Cueto
Lab Director



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SOIL TECHENGINEERING, INC.
298 Brokaw Rd.
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/14/93
Date Analyzed: 07/22/93

Project ID: 7-92-514-SA
Sample ID: WO-2-7

Lab No: T307097
Matrix: Soil

8010 Halogenated Volatile Organics

	Det. Lim. (ppm)	Results (ppm)
Bromodichloromethane -----	0.0010	ND
Bromoform -----	0.0020	ND
Bromomethane -----	0.0008	ND
Carbon Tetrachloride -----	0.0012	ND
Chlorobenzene -----	0.0025	ND
Chloroethane -----	0.0052	ND
Chloroform -----	0.0005	ND
2-Chloroethylvinyl ether -----	0.0013	ND
Chloromethane -----	0.0008	ND
Dibromochloromethane -----	0.0009	ND
Dibromomethane -----	0.0009	ND
1,2-Dichlorobenzene -----	0.0015	ND
1,3-Dichlorobenzene -----	0.0032	ND
1,4-Dichlorobenzene -----	0.0024	ND
Dichlorodifluoromethane -----	0.0020	ND
1,1-Dichloroethane -----	0.0007	ND
1,2-Dichloroethane -----	0.0003	ND
1,1-Dichloroethylene -----	0.0013	ND
t-1,2-Dichloroethylene -----	0.0010	ND
Dichloromethane -----	0.0050	ND
1,2-Dichloropropane -----	0.0040	ND
t-1,3-Dichloropropylene -----	0.0034	ND
1,1,2,2-Tetrachloroethane -----	0.0003	ND
1,1,1,2-Tetrachloroethane -----	0.0003	ND
Tetrachloroethylene -----	0.0003	ND
1,1,1-Trichloroethane -----	0.0003	ND
1,1,2-Trichloroethane -----	0.0002	ND
Trichloroethylene -----	0.0012	ND
Trichlorofluoromethane -----	0.0030	ND
Trichloropropane -----	0.0030	ND
Vinyl Chloride -----	0.0018	ND

QA/QC: 104% Surrogate Spike Recovery 4-Bromofluorobenzene
Note: ppm = mg/Kg

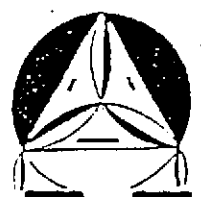
Argon Mobile Labs

Hiram Cueto
Hiram Cueto
Lab Director

CHAIN OF CUSTODY RECORD

GK

PROJ. NO. 7-32-514-SA		NAME 3609 E. 14th. St. OAKLAND				CON-TAINER	ANALYSES REQUESTED						REMARKS	
SAMPLERS: (Signature) N. Amel		NO.	DATE	TIME	SOIL		WATER	LOCATION	TPHG/ATE	TPHD	TO & G	8010		Cd, Cr, Pb, Zn, Ni
1	7/13/93								16 ¹⁷	✓				WC-1-7
2	7/13/93	16 ²³	✓			WC-2-7	1	✓	✓	✓	✓			
Relinquished by: (Signature) N. Amel		Date / Time 7/14/93 2:17		Received by: (Signature) Lelise Vallejo		Relinquished by: (Signature)		Date / Time		Received by: (Signature)				
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)				
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks						



SOIL TECH ENGINEERING
Soil, Foundation and Geological Engineers

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CHAIN OF CUSTODY RECORD

67

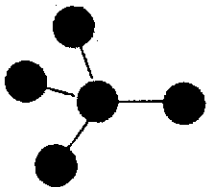
PROJ. NO. 732-514-3A		NAME 3009 E. 14th. St - OAKLAND			CON-TAINER	ANALYSES REQUESTED @						REMARKS		
SAMPLERS: (Signature) <i>N. A. ...</i>						TPHG/BTE & X								
						TPHA								
					T O & G									
					8010									
					Cd/Cr/Pb/Zn/Ni									
NO.	DATE	TIME	SOIL	WATER	LOCATION									
1	7/10/83	12 ¹²	✓		WC-1-7	1	✓	✓	✓	✓				
2	7/13/83	12 ³³	✓		WC-2-7	1	✓	✓	✓	✓				
Relinquished by: (Signature) <i>N. A. ...</i>			Date / Time 7/14/83 2:17		Received by: (Signature) <i>Felix Vallejo</i>			Relinquished by: (Signature)			Date / Time		Received by: (Signature)	
Relinquished by: (Signature)			Date / Time		Received by: (Signature)			Relinquished by: (Signature)			Date / Time		Received by: (Signature)	
Relinquished by: (Signature)			Date / Time		Received for Laboratory by: (Signature)			Date / Time		Remarks				

307096
047



SOIL TECH ENGINEERING
Soil, Foundation and Geological Engineers

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Argon Mobile Labs

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SOIL TECH ENGINEERING, INC.
298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: B-1-5

Lab Number: T307081
Matrix: Soil

TPH-gas/BTEX

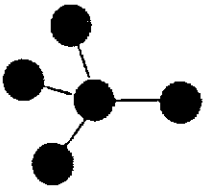
ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	10.0	75
Benzene	0.05	0.23
Toluene	0.05	0.43
Xylenes	0.05	1.1
Ethylbenzene	0.05	0.50

QA/QC: Blank is none detected.
5.0% Duplicate Deviation

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg
DL's are higher due to dilution factors

ARGON MOBILE LABS

Hiram Cueto
Hiram Cueto
Lab Director



Argon Mobile Labs

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298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: B-2-2

Lab Number: T307082
Matrix: Soil

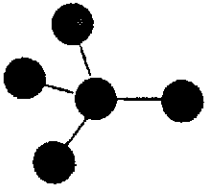
TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	20.0	980
Benzene	0.10	3.9
Toluene	0.10	15
Xylenes	0.10	43
Ethylbenzene	0.10	8.5

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg
DL's are higher due to dilution factors

ARGON MOBILE LABS

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Hiram Cueto
Lab Director



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SOIL TECH ENGINEERING, INC.
298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: B-3-2

Lab Number: T307083
Matrix: Soil

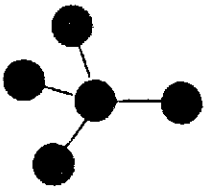
TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	20.0	4,100
Benzene	0.10	12
Toluene	0.10	75
Xylenes	0.10	180
Ethylbenzene	0.10	29

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg
DL's are higher due to dilution factors

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Lab Director



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Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: B-4-5

Lab Number: T307084
Matrix: Soil

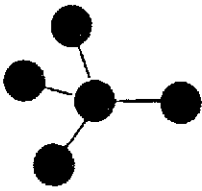
TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	20.0	280
Benzene	0.10	1.9
Toluene	0.10	7.0
Xylenes	0.10	18
Ethylbenzene	0.10	3.4

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg
DL's are higher due to dilution factors

ARGON MOBILE LABS

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Lab Director



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Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: B-5-5

Lab Number: T307085
Matrix: Soil

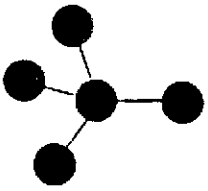
TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	10.0	97
Benzene	0.05	1.8
Toluene	0.05	4.0
Xylenes	0.05	6.8
Ethylbenzene	0.05	1.2

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg
DL's are higher due to dilution factors

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Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: B-6-5

Lab Number: T307086
Matrix: Soil

TPH-gas/BTEX

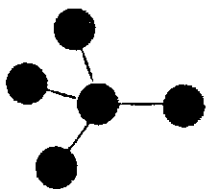
ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	<1.0
Benzene	0.005	0.045
Toluene	0.005	0.011
Xylenes	0.005	0.010
Ethylbenzene	0.005	0.006

QA/QC: 80% Matrix Spike Recovery

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg
DL's are higher due to dilution factors

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SOIL TECH ENGINEERING, INC.
298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: B-7-5

Lab Number: T307087
Matrix: Soil

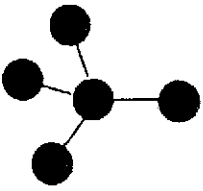
TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	2.5
Benzene	0.005	0.24
Toluene	0.005	0.023
Xylenes	0.005	0.047
Ethylbenzene	0.005	0.030

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg
DL's are higher due to dilution factors

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Hiram Cueto
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Lab Director



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SOIL TECH ENGINEERING, INC.
298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: B-8-5

Lab Number: T307088
Matrix: Soil

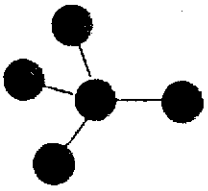
TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	20.0	530
Benzene	0.10	2.8
Toluene	0.10	7.5
Xylenes	0.10	27
Ethylbenzene	0.10	5.3

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg
DL's are higher due to dilution factors

ARGON MOBILE LABS

Hiram Cueto
Hiram Cueto
Lab Director



Argon Mobile Labs

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SOIL TECH ENGINEERING, INC.
298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: B-9-5

Lab Number: T307089
Matrix: Soil

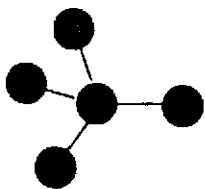
TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	20.0	1,100
Benzene	0.10	6.7
Toluene	0.10	25
Xylenes	0.10	53
Ethylbenzene	0.10	9.7

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg
DL's are higher due to dilution factors

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Hiram Cueto
Hiram Cueto
Lab Director



Argon Mobile Labs

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SOIL TECH ENGINEERING, INC.
298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: B-10-2

Lab Number: T307090
Matrix: Soil

TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	20.0	1,900
Benzene	0.10	5.2
Toluene	0.10	37
Xylenes	0.10	85
Ethylbenzene	0.10	17

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg
DL's are higher due to dilution factors

ARGON MOBILE LABS

Hiram Cueto
Hiram Cueto
Lab Director

CHAIN OF CUSTODY RECORD

GK

PROJ. NO. 7-92-514-SA		NAME 3609 E. 14th. St. OAKLAND				CON-TAINER	ANALYSES REQUESTED TP HG / BTE & X	REMARKS			
SAMPLERS: (Signature) N. Ameli											
NO.	DATE	TIME	SOIL	WATER	LOCATION						
1	7/13/93	14 ⁰⁷	✓		B-1-5	1	✓				
2	7/13/93	14 ¹⁵	✓		B-2-2'	1	✓				
3	7/13/93	14 ³²	✓		B-3-2	1	✓				
4	7/13/93	14 ⁴⁵	✓		B-4-5	1	✓				
5	7/13/93	14 ⁵⁸	✓		B-5-5	1	✓				
6	7/13/93	15 ¹⁰	✓		B-6-5	1	✓				
7	7/13/93	15 ²⁵	✓		B-7-5	1	✓				
8	7/13/93	15 ³⁷	✓		B-8-5	1	✓				
9	7/13/93	15 ⁵⁰	✓		B-9-5	1	✓				
10	7/13/93	16 ⁰²	✓		B-10-2	1	✓				
Relinquished by: (Signature) N. Ameli		Date / Time 7/14/93 2:12		Received by: (Signature) Zelox Velasco		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks			



SOIL TECH ENGINEERING
Soil, Foundation and Geological Engineers

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CHAIN OF CUSTODY RECORD

GK

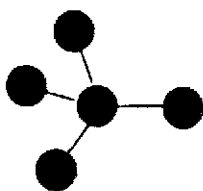
PROJ. NO.		NAME				CON-TAINER	ANALYSES REQUESTED (2)					REMARKS
7-92-514-SA		3609 E. 14th. St. OAKLAND					TPHG/BTE & X (Diagonal lines)					
SAMPLERS: (Signature) N. Amel												
NO.	DATE	TIME	SOIL	WATER	LOCATION							
307081	7/13/93	14 ⁵⁷	✓		B-1-5	1	✓					
082	7/13/93	14 ¹⁸	✓		B-2-2'	1	✓					
083	7/13/93	14 ³²	✓		B-3-2	1	✓					
084	7/13/93	14 ⁴²	✓		B-4-5	1	✓					
085	7/13/93	14 ⁵³	✓		B-5-5	1	✓					
086	7/13/93	15 ¹⁶	✓		B-6-5	1	✓					
087	7/13/93	15 ²⁵	✓		B-7-5	1	✓					
088	7/13/93	15 ³⁷	✓		B-8-5	1	✓					
089	7/13/93	15 ⁵²	✓		B-9-5	1	✓					
090	7/13/93	16 ⁰³	✓		B-10-2	1	✓					
Relinquished by: (Signature) N. Amel		Date / Time 7/14/93:12		Received by: (Signature) Lopez Velasco		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks				



SOIL TECH ENGINEERING

Soil, Foundation and Geological Engineers

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Argon Mobile Labs

3008 McKittrick Ct., Suite N • Ceres, CA 95307 • (209) 537-7836

SOIL TECH ENGINEERING, INC.
298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: ST(1,2,3,4)

Lab Number: T307091
Matrix: Soil

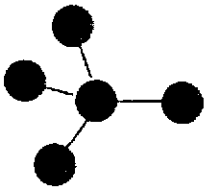
TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	20.0	500
Benzene	0.10	<0.10
Toluene	0.10	<0.10
Xylenes	0.10	4.1
Ethylbenzene	0.10	<0.10

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg
DL's are higher due to dilution factors

ARGON MOBILE LABS

Hiram Cueto
Hiram Cueto
Lab Director



Argon Mobile Labs

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SOIL TECH ENGINEERING, INC.
298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: ST(5,6,7,8)

Lab Number: T307092
Matrix: Soil

TPH-gas/BTXE

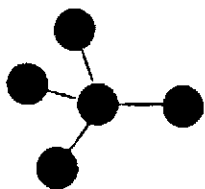
ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	1.3
Benzene	0.005	<0.005
Toluene	0.005	<0.005
Xylenes	0.005	<0.005
Ethylbenzene	0.005	<0.005

QA/QC: Blank is none detected.
78% Surrogate Spike Recovery
80% Matrix Spike Recovery
1.2% Duplicate Spike Deviation

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg

ARGON MOBILE LABS

Hiram Cueto
Hiram Cueto
Lab Director



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298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: ST(9,10,11,12)

Lab Number: T307093
Matrix: Soil

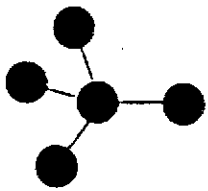
TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	2.9
Benzene	0.005	<0.005
Toluene	0.005	0.009
Xylenes	0.005	0.032
Ethylbenzene	0.005	<0.005

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg

ARGON MOBILE LABS

Hiram Cueto
Hiram Cueto
Lab Director



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298 Brokaw Rd
Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: ST(13,14,15,16)

Lab Number: T307094
Matrix: Soil

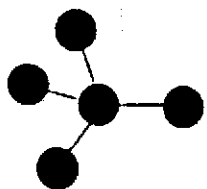
TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	10
Benzene	0.005	<0.005
Toluene	0.005	<0.005
Xylenes	0.005	0.12
Ethylbenzene	0.005	<0.005

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg

ARGON MOBILE LABS

Hiram Cueto
Hiram Cueto
Lab Director



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Santa Clara, CA 95050

Date Sampled: 07/13/93
Date Received: 07/13/93
Date Reported: 07/16/93

Project ID: 7-92-514-SA
Sample ID: ST(17,18,19,20)

Lab Number: T307095
Matrix: Soil

TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	81
Benzene	0.005	<0.005
Toluene	0.005	0.075
Xylenes	0.005	0.26
Ethylbenzene	0.005	<0.005

QA/QC: 95% Surrogate Spike Recovery

Note: Analysis was performed using EPA methods 5030/8015/8020
ppm = mg/Kg

ARGON MOBILE LABS

Hiram Cueto
Hiram Cueto
Lab Director

CHAIN OF CUSTODY RECORD

0.1 (1/2)

PROJ. NO. 7-92-514-SA		NAME 3609 E. 14 th. st. OAKLAND				CON-TAINER	ANALYSES REQUESTED TP HG / BTEX					REMARKS
SAMPLERS: (Signature) <i>N. Amato</i>												
NO.	DATE	TIME	SOIL	WATER	LOCATION							
1	7/13/93	16 ³³	✓		ST-1	1	✓					
2	7/13/93	16 ⁴⁰	✓		ST-2	1	✓					COMP.
3	7/13/93	16 ⁴⁵	✓		ST-3	1	✓					
4	7/13/93	16 ⁵⁰	✓		ST-4	1	✓					
5	7/13/93	16 ⁵⁵	✓		ST-5	1	✓					
6	7/13/93	17 ⁰⁰	✓		ST-6	1	✓					COMP.
7	7/13/93	17 ⁰³	✓		ST-7	1	✓					
8	7/13/93	17 ¹⁰	✓		ST-8	1	✓					
9	7/13/93	17 ¹⁵	✓		ST-9	1	✓					
10	7/13/93	17 ²⁰	✓		ST-10	1	✓					COMP.
11	7/13/93	17 ²⁸	✓		ST-11	1	✓					
12	7/13/93	17 ³⁰	✓		ST-12	1	✓					

Relinquished by: (Signature) <i>N. Amato</i>	Date / Time 7/14/93 2:00	Received by: (Signature) <i>Felix Vallejo</i>	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	



SOIL TECH ENGINEERING

Soil, Foundation and Geological Engineers

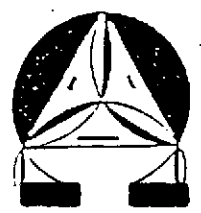
298 BROOKAW ROAD, SANTA CLARA, CA 95050 ■ (408) 496-0265 OR (408) 496-0266

CHAIN OF CUSTODY RECORD

67 (72)

PROJ. NO. 7-92-514-SA		NAME 3609 E. 14th. ST. OAKLAND				CON-TAINER	ANALYSES REQUESTED BY TPHG/STEXX					REMARKS
SAMPLERS: (Signature) N. A. [Signature]												
NO.	DATE	TIME	SOIL	WATER	LOCATION							
13	7/13/93	17 ³⁵	✓		ST-13	1						
14	7/13/93	17 ⁴²	✓		ST-14	1						COMP.
15	7/13/93	17 ⁴⁵	✓		ST-15	1						
16	7/13/93	17 ⁵⁰	✓		ST-16	1						
17	7/13/93	17 ⁵²	✓		ST-17	1						
18	7/13/93	16 ²⁰	✓		ST-18	1						COMP.
19	7/13/93	16 ²³	✓		ST-19	1						
20	7/13/93	16 ²⁵	✓		ST-20	1						
Relinquished by: (Signature) N. A. [Signature]		Date / Time 7/14/93 2:12		Received by: (Signature) [Signature]		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks				

COMP.
COMP.



SOIL TECH ENGINEERING

Soil, Foundation and Geological Engineers

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CHAIN OF CUSTODY RECORD

G.F. 1/2

PROJ. NO. 7-92-514-SA NAME 3609 E. 14th St. CARLAND

SAMPLERS: (Signature) N. Amato

ANALYSES REQUESTED
TP HG / BTEX

CON-TAINER

REMARKS

307091
COMP.
307092
COMP.
307093

NO.	DATE	TIME	SOIL	WATER	LOCATION	CON-TAINER	ANALYSES REQUESTED	REMARKS
1	7/13/93	16 ³³	✓		ST-1	1	✓	
2	7/13/93	16 ⁴⁰	✓		ST-2	1	✓	COMP.
3	7/13/93	16 ⁴²	✓		ST-3	1	✓	
4	7/13/93	16 ⁴⁵	✓		ST-4	1	✓	
5	7/13/93	16 ⁵²	✓		ST-5	1	✓	
6	7/13/93	17 ⁰⁰	✓		ST-6	1	✓	COMP.
7	7/13/93	17 ⁰³	✓		ST-7	1	✓	
8	7/13/93	17 ¹⁰	✓		ST-8	1	✓	
9	7/13/93	17 ¹⁵	✓		ST-9	1	✓	
10	7/13/93	17 ²⁰	✓		ST-10	1	✓	COMP.
11	7/13/93	17 ³⁰	✓		ST-11	1	✓	
12	7/13/93	17 ⁴⁵	✓		ST-12	1	✓	

Relinquished by: (Signature) N. Amato Date / Time 7/14/93 2:12 Received by: (Signature) Felix Vallejo

Relinquished by: (Signature) Date / Time Received by: (Signature) Relinquished by: (Signature) Date / Time Received by: (Signature)

Relinquished by: (Signature) Date / Time Received for Laboratory by: (Signature) Date / Time Remarks



SOIL TECH ENGINEERING
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CHAIN OF CUSTODY RECORD

67 (72)

PROJ. NO.		NAME				CON-TAINER	ANALYSES REQUESTED TPHG/BTEX										REMARKS		
7-92-514-SA		3609 E. 14th. ST. OAKLAND																	
SAMPLERS: (Signature) N.A. [Signature]																			
NO.	DATE	TIME	SOIL	WATER	LOCATION														
13	7/13/93	17 ³⁵	✓		ST-13	1													
14	7/13/93	17 ⁴⁵	✓		ST-14	1													
15	7/13/93	17 ⁴⁵	✓		ST-15	1													
16	7/13/93	17 ⁵⁰	✓		ST-16	1													
17	7/13/93	17 ⁵²	✓		ST-17	1													
18	7/13/93	16 ²⁰	✓		ST-18	1													
19	7/13/93	16 ²²	✓		ST-19	1													
20	7/13/93	16 ⁴⁰	✓		ST-20	1													
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)									
N.A. [Signature]		7/14/93 2:17		Felix Vallejo															
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)									
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks											

307094
COMP.
307095
COMP.



SOIL TECH ENGINEERING

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