File No. 10-93-570-ST

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SOIL SAMPLING BELOW REMOVED UNDERGROUND STORAGE TANKS AT THE PROPERTY LOCATED AT 525 98TH AVENUE OAKLAND, CALIFORNIA JANUARY 5, 1994

PREPARED FOR:
MR. NISSAN SADIAN
301 FRANKLIN STREET
OAKLAND, CALIFORNIA 94607

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

SOIL TECH ENGINEERING, INC.

File No. 10-93-570-ST

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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

January 5, 1994

File No. 10-93-570-ST

Mr. Nissan Sadian
301 Franklin Street
Oakland, California 94607

SUBJECT: SOIL SAMPLING BELOW REMOVED UNDERGROUND STORAGE TANKS AT THE PROPERTY Located at 525 98th Avenue, in Oakland, California

Dear Mr. Sadian:

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

FIELD ACTIVITIES:

On December 7, 1993, after the excavation and removal of one 550 gallon waste oil, one 4,000 gallon and one 6,000 gallon gasoline underground storage tanks by Alpha Geo Services, and transported by Erickson, Inc. to their facility in Richmond, seven

discrete soil samples were collected by Soil Tech Engineering, Inc. (STE) engineer. Five soil samples were collected from beneath tank excavation areas, and two soil samples were collected from beneath piping excavation areas. Soil samples were collected from the tanks and pipes excavation areas at the depth of approximately two feet below tanks and piping. The soil sample from beneath waste oil tank was labeled as WO-1-8, and soil samples from beneath gasoline tanks were labeled as B-1-12, B-2-12, B-3-12 and B-4-12. The soil samples from beneath pipes were labeled as P-1-3 and P-2-2. Figure 2 shows the approximate sample locations, and Table 2 summarized the field inspection of the tanks.

The soil samples 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, with the proper chain-of-custody.

LABORATORY ANALYSIS:

The soil sample from waste oil was analyzed for Total Petroleum Hydrocarbons as diesel and gasoline (TPHg), Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX), Total Oil & Grease (TOG), Volatile Organic Compounds (VOC's) (EPA Method 8010), Semi-Volatile Organic Compounds (EPA Method 8270), Cadmium, Chromium, Lead,

Nickel and Zinc. Soil samples from gasoline tanks and from pipes were analyzed for TPHd, TPHg, BTEX and Total Lead. The results of soil samples analysis are summarized in Table 1. The laboratory test results with the chain-of-custody are attached in Appendix "C".

SOIL ANALYTICAL RESULTS:

Total Petroleum Hydrocarbons as diesel and gasoline (TPHd and TPHg), Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX), Volatile Organic Compounds (VOC's) and Semi-Volatile Organic Compounds were below the detection limit in soil sample #WO-1-8. Soil samples #WO-1-8 detected Chromium at 57 parts per million (ppm); Lead at 4.9 ppm; Nickel at 74 ppm; Zinc at 65 ppm; and Cadmium at non-detectable.

TPHd, TPHg, BTEX and Total Lead were below the detection limit in soil samples P-1-3 and P-2-2.

TPHg were detected in samples #B-1-12 at 840 parts per million (ppm); #B-2-12 at 230 ppm, #B-3-12 at 750 ppm; and #B-4-12 at 12,000 ppm. Low to moderate concentrations of BTEX were detected in all soil samples from below the tanks area. Low to non detectable levels of Total Lead were detected in soil samples. Total Petroleum Hydrocarbons as diesel (TPHd) were below the detection limit in soil samples B-1-12, B-2-12, B-3-12 and B-4-12.

CONCLUSION:

The analytical results detected no TPHd, TPHg, BTEX, TOG, VOC's and Semi-VOC's in soil samples from waste oil tank and piping

excavation areas. However, soil samples from gasoline tank excavation area revealed that low to moderate levels of TPHg and BTEX, and low concentrations of CAM 5 Metals detected in waste oil tank excavation area. Therefore, STE recommends that additional investigation is necessary to define the extent of contamination in the soil and groundwater.

This report must be submitted to ACHCSA--DEH and California Regional Water Quality Control Board (CRWQCB).

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.

NOORI AMELI
PROJECT ENGINEER

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

FRANK HAMEDI-FARD
GENERAL MANAGER

File No. 10-93-570-ST

A P P E N D I X "A"

SOIL TECH ENGINEERING, INC.

File No. 10-93-570-ST

TABLE 1
SUMMARY OF SOIL ANALYSIS RESULTS
IN
PARTS PER MILLION (ppm)

1. TPHD, TPHG AND BTEX RESULTS

Date	Sample Number	Depth feet	TPHd	TPHg	B	T	E	X
12/07/93	WO-1-8	8	ND	ND	ND	ND	ND	ND
	P-1-3	3	ND	ND	ND	ND	ND	ND
	P-2-2	2	ND	ND	ND	ND	ND	ND
	B-1-12	12	ND	840	1.6	4.0	7.9	42
	B-2-12	12	ND	230	0.8	0.25	1.0	4.8
	B-3-12	12	ND	750	1.1	0.62	2.9	31
	B-4-12	12	ND	12,000	11	270	77	610

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
IN
PARTS PER MILLION (ppm)

2. TOG, TOTAL LEAD, VOC's AND SEMI-VOC's RESULTS

Date	Sample No.	Depth feet	TOG	Total Lead	VOC's	Semi-VOC's
12/07/93	WO-1-8	8	ND	NA	ND	ND
	P-1-3	3	NA	ND	NA	NA
	P-2-2	2	NA	ND	NA	NA
	B-1-12	12	NA	3.1	NA	NA
	B-2-12	12	NA	3.3	NA	NA
	B-3-12	12	NA	1.6	NA	NA
	B-4-12	12	NA	ND	NA	NA

Semi-VOC's - Semi-Volatile Organic Compounds (EPA Method 8270)
VOC's - Volatile Organic Compounds (EPA Method 8010)
TOG - Total Oil & Grease

TABLE 1 CONT'D
SUMMARY OF SOIL ANALYSIS RESULTS
IN
PARTS PER MILLION (ppm)

3. CAM 5 METALS RESULTS

Date	Sample No.	Depth Feet	Cd	Cr	Pb	Ni	Zn
12/07/93	WO-1-8	8	ND	57	4.9	74	65
	P-1-3	3	NA	NA	NA	NA	NA
	P-2-2	2	NA	NA	NA	NA	NA
	B-1-12	12	NA	NA	NA	NA	NA
	B-2-12	12	NA	NA	NA	NA	NA
	B-3-12	12	NA	NA	NA	NA	NA
	B-4-12	12	NA	NA	NA	NA	NA

Cd - Cadmium
Cr - Chromium
Pb - Lead
Ni - Nickel
Zn - Zinc
NA - Not Analyzed
ND - Not Detected (Below Laboratory Detection Limit)

TABLE 2
FIELD OBSERVATION OF THE TANKS

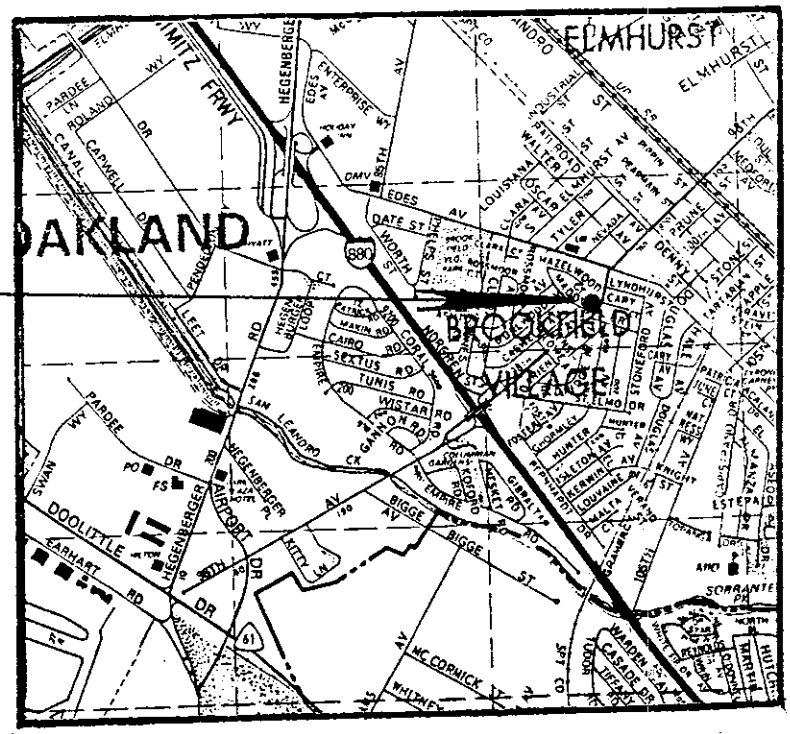
Type of Tank	Size (gallon)	Construction	Piping
Waste Oil	550	Single Wall Steel	Single Wall Steel
Condition		~~No Hole Observed~~	No Hole Observed
		½" hole on top of Fill end	
Gasoline	4,000	Single Wall Steel	Single Wall Steel
Condition		No Hole Observed	No Hole Observed
		pitting corrosion	
Gasoline	6,000	Single Wall Steel	Single Wall Steel
Condition		No Hole Observed	No Hole Observed

corrosion

File No. 10-93-570-ST

A P P E N D I X "B"

File No. 10-93-570-ST



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

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M1

Figure 1

SOIL TECH ENGINEERING, INC.

File No. 10-93-570-ST

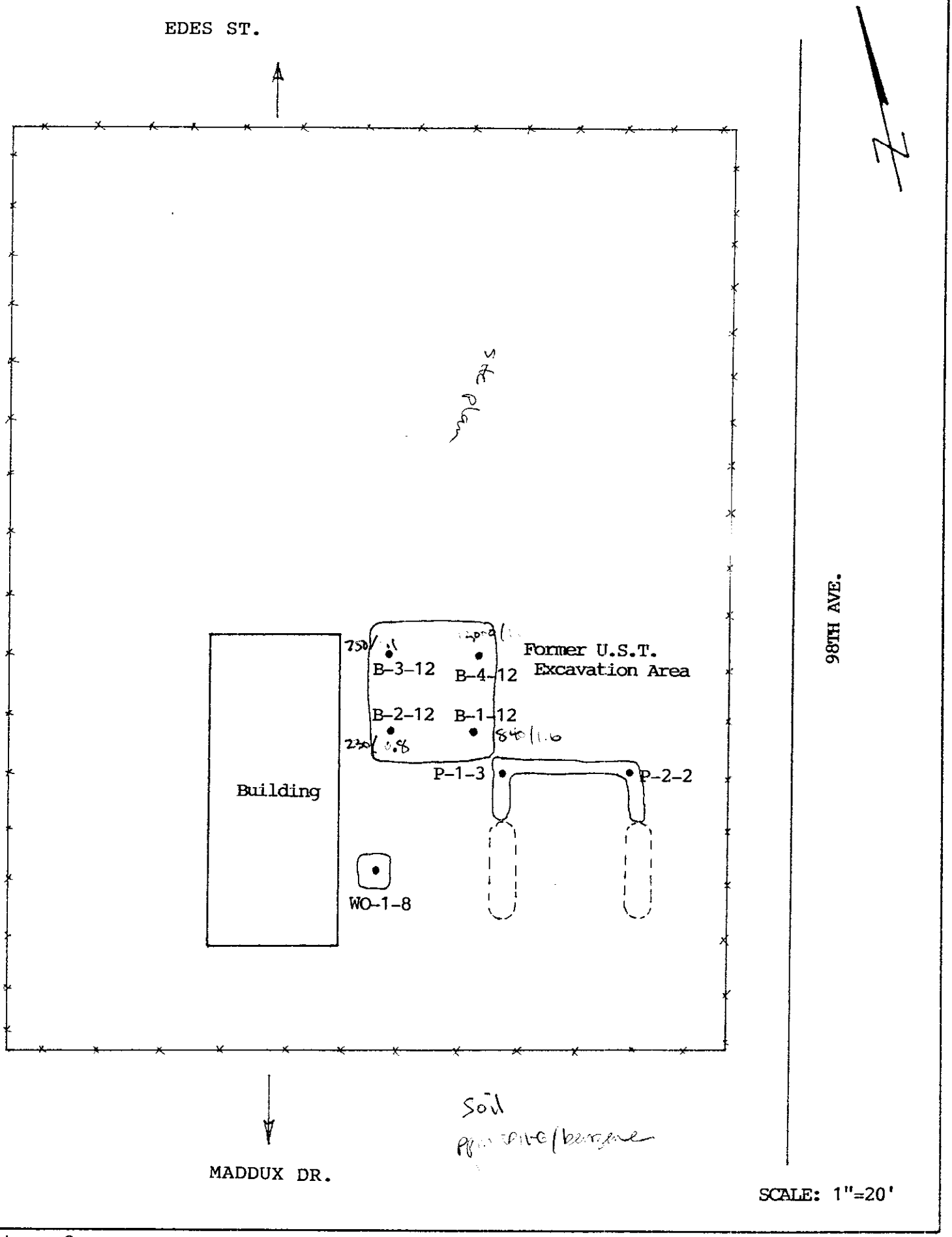

Figure 2

SOIL TECH ENGINEERING, INC.

M2

File No. 10-93-570-ST

A P P E N D I X "C"

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: 12/07/93
Date Received: 12/08/93
Date Reported: 12/09/93

Project ID: 10-93-570-ST

Matrix: Soil

Sample Number	Sample Description	TPH-Diesel Detection Limit	Total Petroleum Hydrocarbons as Diesel
		ppm	ppm
T312041	WO-1-8	5.0	<5.0
T312042	P-1-3	5.0	<5.0
T312043	P-2-2	5.0	<5.0
T312044	B-1-12	5.0	<5.0
T312045	B-2-12	5.0	<5.0
T312046	B-3-12	5.0	<5.0
T312047	B-4-12	5.0	<5.0

QA/QC: Blank is none detected.
85% Spike Recovery T312041
4.2% Duplicate Spike Deviation

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

ARGON MOBILE LABS

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: 12/07/93
Date Received: 12/08/93
Date Reported: 12/15/93

Project ID: 10-93-570-ST

Matrix: Soil

Lead (Pb)
EPA Method 6010

Sample Number	Sample Description	Detection Limit	Results
		ppm	ppm
T312042	P-1-3	0.25	ND
T312043	P-2-2	0.25	ND
T312044	B-1-12	0.25	3.1
T312045	B-2-12	0.25	3.3
T312046	B-3-12	0.25	1.6
T312047	B-4-12	0.25	ND

QA/QC: 94% Spike Recovery
98% Duplicate Spike Recovery

ppm = mg/Kg

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Lab Director

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

Date Sampled: 12/07/93
Date Received: 12/08/93
Date Reported: 12/09/93

Project ID: 10-93-570-ST
Sample ID: P-1-3

Lab Number: T312042
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: 109% Surrogate Spike Recovery

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

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Lab Director

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298 Brokaw Rd.
Santa Clara, CA 95050

Date Sampled: 12/07/93
Date Received: 12/08/93
Date Reported: 12/09/93

Project ID: 10-93-570-ST
Sample ID: P-2-2

Lab Number: T312043
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: 83% Surrogate Spike Recovery

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

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Lab Director

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

Date Sampled: 12/07/93
Date Received: 12/08/93
Date Reported: 12/09/93

Project ID: 10-93-570-ST
Sample ID: B-1-12

Lab Number: T312044
Matrix: Soil

TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	80	840
Benzene	0.40	1.6
Toluene	0.40	4.0
Xylenes	0.40	42
Ethylbenzene	0.40	7.9

Note: Analysis was performed using EPA methods 5030/8015/8020
Higher detection limits are due to dilution factors
ppm = mg/Kg

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298 Brokaw Rd.
Santa Clara, CA 95050

Date Sampled: 12/07/93
Date Received: 12/08/93
Date Reported: 12/09/93

Project ID: 10-93-570-ST
Sample ID: B-2-12

Lab Number: T312045
Matrix: Soil

TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	40	230
Benzene	0.20	0.80
Toluene	0.20	0.25
Xylenes	0.20	4.8
Ethylbenzene	0.20	1.0

Note: Analysis was performed using EPA methods 5030/8015/8020
Higher detection limits are due to dilution factors
ppm = mg/Kg

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

Date Sampled: 12/07/93
Date Received: 12/08/93
Date Reported: 12/09/93

Project ID: 10-93-570-ST
Sample ID: B-3-12

Lab Number: T312046
Matrix: Soil

TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	80	750
Benzene	0.40	1.1
Toluene	0.40	0.62
Xylenes	0.40	31
Ethylbenzene	0.40	2.9

Note: Analysis was performed using EPA methods 5030/8015/8020
Higher detection limits are due to dilution factors
ppm = mg/Kg

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

Date Sampled: 12/07/93
Date Received: 12/08/93
Date Reported: 12/09/93

Project ID: 10-93-570-ST
Sample ID: B-4-12

Lab Number: T312047
Matrix: Soil

TPH-gas/BTXE

ANALYTE	Detection Limit ppm	Sample Results ppm
Total Petroleum Hydrocarbons as Gasoline	400	12,000
Benzene	2.0	11
Toluene	2.0	270
Xylenes	2.0	610
Ethylbenzene	2.0	77

QA/QC: 4.3% Duplicate Deviation

Note: Analysis was performed using EPA methods 5030/8015/8020
Higher detection limits are due to dilution factors
ppm = mg/Kg

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

Date Sampled: 12/07/93
Date Received: 12/08/93
Date Reported: 12/09/93

Project ID: 10-93-570-ST
Sample ID: WO-1-8

Lab Number: T312041
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: Blank is none detected.
108% Matrix Spike Recovery
4.4% Duplicate Spike Deviation
88% Surrogate Spike Recovery

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

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

Date Sampled: 12/07/93
Date Received: 12/08/93
Date Reported: 12/10/93

Project ID: 10-93-570-ST

Matrix: Soil

TOTAL OIL & GREASE

Sample Number	Sample Description	Detection Limit	Gravimetric Waste Oil as Petroleum Oil
		ppm	ppm
T312041	WO-1-8	50	<50

QA/QC: Freon blank is none detected.
89% Spike Recovery

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

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

Date Sampled: 12/07/93
Date Received: 12/08/93
Date Analyzed: 12/13/93

Project ID: 10-93-570-ST
Sample ID: WO-1-8

Lab No: T312041
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: 116% Spike Recovery 1,1-Dichloroethene
122% Duplicate Spike Recovery
Note: ppm = mg/Kg
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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: 12/07/93
Date Received: 12/08/93
Date Analyzed: 12/10/93

Project ID: 10-93-570-ST
Sample ID: WO-1-8

Lab No: T312041
Matrix: Soil

EPA METHOD 8270

SEMI-VOLATILE ORGANICS

	Det. Lim. (ppb)		Results (ppb)
1,2-Dichlorobenzene	330	------	ND
1,2,4-Trichlorobenzene	330	------	ND
1,3-Dichlorobenzene	330	------	ND
1,4-Dichlorobenzene	330	------	ND
2-Chloronaphthalene	330	------	ND
2-Chlorophenol	330	------	ND
2-Methylaphthalene	330	------	ND
2-Methylphenol	330	------	ND
2-Nitrophenol	330	------	ND
2,4-Dichlorophenol	330	------	ND
2,4-Dimethylphenol	330	------	ND
2,4-Dinitrophenol	330	------	ND
2,4-Dinitrotoluene	330	------	ND
2,4,5-Trichlorophenol	1600	------	ND
2,4,6-Trichlorophenol	330	------	ND
2,6-Dinitrotoluene	330	------	ND
2-Nitroaniline	1600	------	ND
3,3'-Dichlorobenzidine	660	------	ND
3-Nitroaniline	1600	------	ND
4-Bromophenyl-phenylether	330	------	ND
4-Chloro-3-Methylphenol	330	------	ND
4-Chloroaniline	330	------	ND
4-Methylphenol	330	------	ND
4-Nitroaniline	1600	------	ND
4-Nitrophenol	1600	------	ND
4,6-Dinitro-2-Methylphenol	1600	------	ND
4-Chlorophenyl-phenylether	330	------	ND
Acenaphthene	330	------	ND
Acenaphthylene	330	------	ND
Anthracene	330	------	ND
Benzo (a) Anthracene	330	------	ND
Benzo (a) Pyrene	330	------	ND
Benzo (b) Fluoranthene	330	------	ND
Benzo (g,h,i) Perylene	330	------	ND
Benzo (k) Fluoranthene	330	------	ND
Benzoic Acid	1600	------	ND
Benzyl Alcohol	330	------	ND

Argon Mobile Labs

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Project ID: 10-93-570-ST
Sample ID: WO-1-8

Lab Number: T312041
Matrix: Soil

	Det. Lim. (ppb)		Results (ppb)
bis (2-Chloroethoxy) Methane ---	330	------	ND
bis (2-Chloroethyl) Ether ------	330	------	ND
bis (2-Chloroisopropyl) Ether --	330	------	ND
bis (2-Ethylhexyl) Phthalate ---	330	------	ND
Butylbenzylphthalate ----------	330	------	ND
Chrysene ----------	330	------	ND
Di-N-Butylphthalate ----------	330	------	ND
Di-N-Octyl Phthalate ----------	330	------	ND
Dibenz (a,h) Anthracene --------	330	------	ND
Dibenzofuran ----------	330	------	ND
Diethylphthalate ----------	330	------	ND
Dimethyl Phthalate ----------	330	------	ND
Fluoranthene ----------	330	------	ND
Fluorene ----------	330	------	ND
Hexachlorobenzene ----------	330	------	ND
Hexachlorobutadiene ----------	330	------	ND
Hexachlorocyclopentadiene ------	330	------	ND
Hexachloroethane ----------	330	------	ND
Indeno (1,2,3-cd) Pyrene -------	330	------	ND
Isophorene ----------	330	------	ND
N-Nitroso-Di-Propylamine -------	330	------	ND
N-Nitrosodiphenylamine ---------	330	------	ND
Naphthalene ----------	330	------	ND
Nitrobenzene ----------	330	------	ND
Pentachlorophenol ----------	330	------	ND
Phenanthrene ----------	1600	------	ND
Phenol ----------	330	------	ND
Pyrene ----------	330	------	ND

42% Surrogate Spike Recovery 2-Fluorophenol
60% Surrogate Spike Recovery 2-Fluorobiphenyl
54% Surrogate Spike Recovery 2,4,6-Tribromophenol
80% Surrogate Spike Recovery Terphenyl-d14

ppb= ug/Kg
Note: Compounds may be present at concentrations below the reporting limit.

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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: 12/07/93
Date Received: 12/08/93
Date Reported: 12/16/93

METALS, CAM 5
EPA Method 6010

Project ID: 10-93-570-ST

Matrix: Soil

Sample ID: WO-1-8

Lab No: T312041

Name	Amount	Detection Limit	Units (ppm)
Cadmium (Cd)	ND	0.25	mg/Kg
Chromium (Cr)	57	0.25	mg/Kg
Lead (Pb)	4.9	0.25	mg/Kg
Nickel (Ni)	74	2.5	mg/Kg
Zinc (Zn)	65	0.25	mg/Kg

QA/QC: 82% Matrix Spike Recovery (Cr)
84% Duplicate Spike Recovery

ARGON MOBILE LABS

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: 12/07/93
Date Received: 12/08/93
Date Reported: 12/16/93

QA/QC
METALS, CAM 5
LCS / LCSD Recoveries

Project ID: 10-93-570-ST

Matrix: Soil

Sample ID: LCS/LCSD

Lab No: ST9312016 LCS
ST9312016 LCSD

Element	Spike Conc.	LCS	LCS% Recovery	LCSD	LCSD% Recovery	%RSD
Cadmium (Cd)	50	42	84%	42	84%	0%
Chromium (Cr)	50	43	86%	46	92%	6%
Lead (Pb)	50	47	94%	44	88%	6%
Nickel (Ni)	50	41	82%	44	88%	6%
Zinc (Zn)	50	42	84%	48	96%	12%

ARGON MOBILE LABS

Hiram Cueto
Lab Director

AML

CHAIN OF CUSTODY RECORD

PROJ. NO.	NAME
10-93-570-ST	525 98th. Av. OAKLAND

SAMPLERS: *(Signature)* N. Ambler

NO.	DATE	TIME	Soil	Water	LOCATION	CONTAINER	TPHG/BTE&X	TPHD	TOTAL LEAD	T&G	8010	8270	Cd, Cr, Pb, Zn, Ni	REMARKS
1	12/7/93	15^{05}	✓		WO-1-8	1	✓	✓		✓	✓	✓	✓	
2	12/7/93	15^{12}	✓		P-1-3	1	✓	✓	✓					
3	12/7/93	15^{20}	✓		P-2-2	1	✓	✓	✓					
4	12/7/93	15^{23}	✓		B-1-12	1	✓	✓	✓					
5	12/7/93	15^{38}	✓		B-2-12	1	✓	✓	✓					
6	12/7/93	15^{43}	✓		B-3-12	1	✓	✓	✓					
7	12/7/93	15^{52}	✓		B-4-12	1	✓	✓	✓					

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Receive by: *(Signature)*
N. Ambler	12/8/93 11:45	Vivian Loeto			
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

CHAIN OF CUSTODY RECORD

PROJ. NO.	NAME
10-93-570-ST	525 98th Av. OAKLAND

SAMPLERS: (Signature)

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	TPHG/BTEX	TPHD	TOTAL LEAD	TOG	8010	5270	Cd, Cr, Ni, Zn, As	REMARKS
1	12/7/93	15:03	✓		WO-1-8	1	✓	✓		✓	✓	✓	✓	T312041
2	12/7/93	15:13	✓		P-1-3	1	✓	✓	✓					042
3	12/7/93	15:20	✓		P-2-3	1	✓	✓	✓					043
4	12/7/93	15:50	✓		B-1-12	1	✓	✓	✓					044
5	12/7/93	15:38	✓		B-2-12	1	✓	✓	✓					045
6	12/7/93	15:42	✓		B-3-12	1	✓	✓	✓					046
7	12/7/93	15:22	✓		B-4-12	1	✓	✓	✓					047

GK03224

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Receive by: (Signature)
	12/7/93 11:45				
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

File No. TR108

REMOVAL OF 3 UNDERGROUND STORAGE TANKS FROM THE PROPERTY LOCATED AT 525 98TH AVENUE OAKLAND, CALIFORNIA JANUARY 5, 1994

PREPARED FOR:
MR. NISSAN SADIAN
301 FRANKLIN STREET
OAKLAND, CALIFORNIA 94607

BY:
ALPHA GEO SERVICES
298 BROKAW ROAD
SANTA CLARA, CALIFORNIA 95050

ALPHA GEO SERVICES

File No. TR108

LIST OF TABLES

LIST OF APPENDICES

File No. TR108

TABLE OF CONTENTS

ALPHA GEO SERVICES INC.
GENERAL ENGINEERING CONTRACTOR LICENSE NO. 507520
298 BROKAW Rd. Phone (408) 988-1055
SANTA CLARA, Ca. 95050 Fax (408) 988-3343

January 5, 1994

File No. TR108

Mr. Nissan Sadian
301 Franklin Street
Oakland, California 94607

SUBJECT: REMOVAL OF 3 UNDERGROUND STORAGE TANKS FROM THE PROPERTY Located at 525 98th Avenue, in Oakland, California

Dear Mr. Sadian:

Per your request and authorization, our firm has provided underground storage tanks removal services for the property located at 525 98th Avenue, in Oakland, California.

After obtaining all the necessary permits from Alameda County Health Care Services Agency--Department of Environmental Health (ACHCSA--DEH) and City of Oakland Fire Department (COFD), Alpha Geo Services excavated and removed three (one 550 gallon waste oil, one 4,000 gallon and one 6,000 gallon gasoline) underground storage tanks on December 7, 1993. The tanks were transported under a Uniform Hazardous Waste Manifest by Erickson, Inc. to their facility in Richmond, Cali-fornia, for proper disposal.

After removal of the tanks, soil samples were taken from the base of the excavation by Soil Tech Engineering, Inc. (STE), under the direction of Ms. Eva Chu with the Alameda County Health Care

File No. TR108

Services Agency--Department of Environmental Health. The results of the sampling and analysis were submitted by STE in a separate report.

Enclosed, please find copies of all the permits and manifest papers.

We recommend that a copy of this report be forwarded to the proper state and local regulatory agencies.

If you have any questions or require additional information, please feel free to contact our office at your convenience.

Sincerely,

ALPHA GEO SERVICES

Frank Hamedi-Fard
General Manager

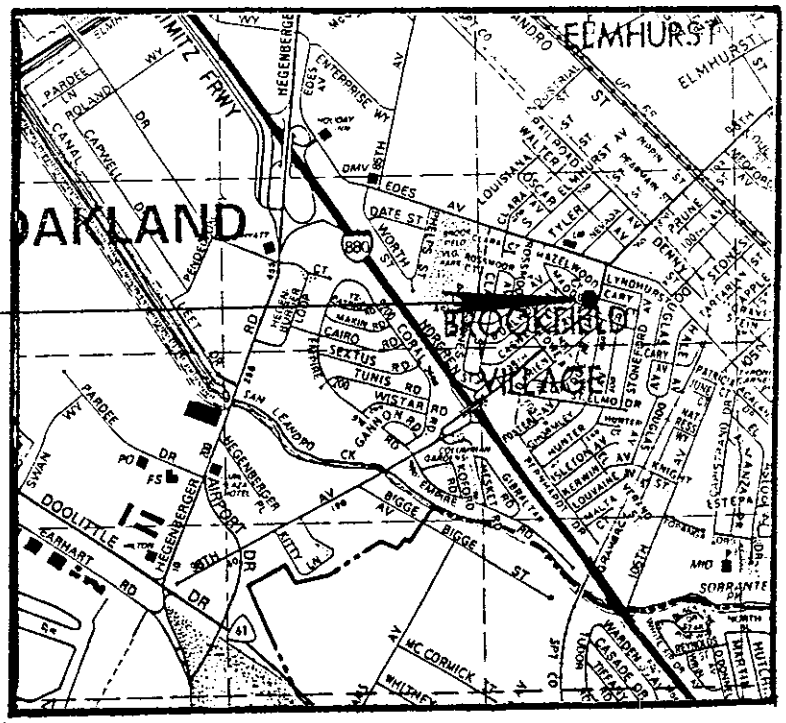
File No. TR108

A P P E N D I X "A"

ALPHA GEO SERVICES

File No. TR108

Site Location



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

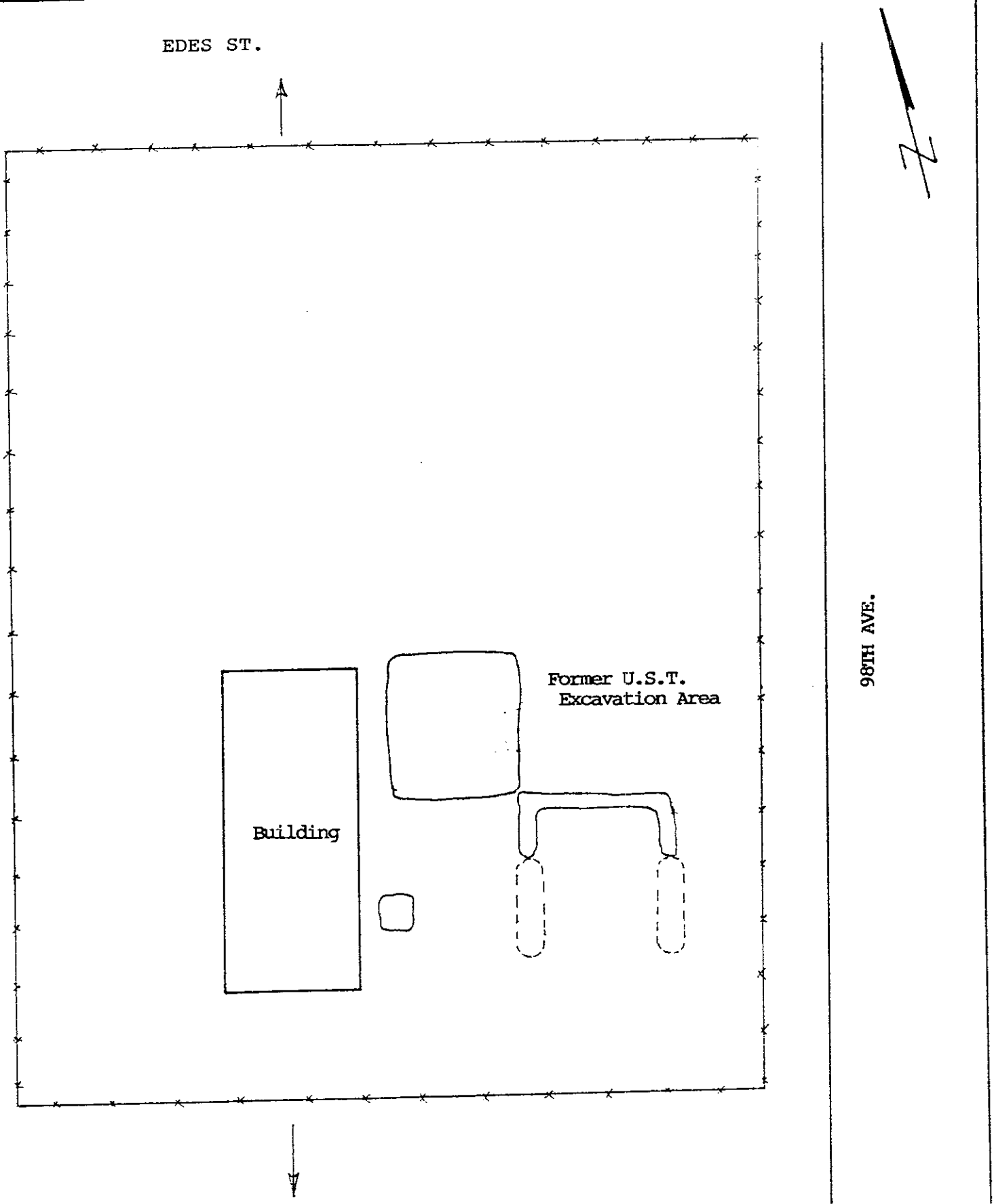
Page 22 E3

M1

Figure 1

ALPHA GEO SERVICES

File No. TR108



M2

Figure 2

ALPHA GEO SERVICES

File No. TR108

A P P E N D I X "B"

ALPHA GEO SERVICES

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: [XX] 1 NEW PERMIT; [ ] 2 INTERIM PERMIT; [ ] 3 RENEWAL PERMIT; [ ] 4 AMENDED PERMIT; [ ] 5 CHANGE OF INFORMATION; [ ] 6 TEMPORARY SITE CLOSURE; [ ] 7 PERMANENTLY CLOSED SITE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME: Abandone Gas Station	NAME OF OPERATOR		
ADDRESS: 525 98th Avenue	NEAREST CROSS STREET: Denslowe Avenue		PARCEL # (OPTIONAL)
CITY NAME: Oakland	STATE: CA	ZIP CODE: 94621	SITE PHONE # WITH AREA CODE

✓ BOX TO INDICATE: [ ] CORPORATION [X] INDIVIDUAL [ ] PARTNERSHIP [ ] LOCAL AGENCY DISTRICTS [ ] COUNTY-AGENCY [ ] STATE-AGENCY [ ] FEDERAL-AGENCY

TYPE OF BUSINESS	✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE	E. P. A. I. D. # (optional)
[X] 1 GAS STATION [ ] 2 DISTRIBUTOR [ ] 3 FARM [ ] 4 PROCESSOR [ ] 5 OTHER	[ ]	3	CAC000896280

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST): Sadian, Nissan	PHONE # WITH AREA CODE: 510-835-1176	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST): Sadian, Nissan	PHONE # WITH AREA CODE: 510-835-1176	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: Nissan Sadian	CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS: 301 Franklin Street	✓ box to indicate: [X] INDIVIDUAL [ ] LOCAL AGENCY [ ] STATE-AGENCY [ ] CORPORATION [ ] PARTNERSHIP [ ] COUNTY-AGENCY [ ] FEDERAL-AGENCY		
CITY NAME: Oakland	STATE: CA	ZIP CODE: 94607	PHONE # WITH AREA CODE: 510-835-1176

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER: Nissan Sadian	CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS: 301 Franklin Street	✓ box to indicate: [XX] INDIVIDUAL [ ] LOCAL AGENCY [ ] STATE-AGENCY [ ] CORPORATION [ ] PARTNERSHIP [ ] COUNTY-AGENCY [ ] FEDERAL-AGENCY		
CITY NAME: Oakland	STATE: CA	ZIP CODE: 94607	PHONE # WITH AREA CODE: 510-835-1176

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

TY (TK) HQ 4 4 - [ ][ ][ ][ ][ ][ ]

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: [ ] 1 SELF-INSURED [ ] 2 GUARANTEE [ ] 3 INSURANCE [ ] 4 SURETY BOND [ ] 5 LETTER OF CREDIT [ ] 6 EXEMPTION [ ] 99 OTHER

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. [ ] II. [ ] III. [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	APPLICANT'S TITLE	DATE MONTH/DAY/YEAR
Nissan Sadian	Property & Tank Owner	10/29/93

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #
[ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]

LOCATION CODE - *OPTIONAL*	CENSUS TRACT # - *OPTIONAL*	SUPVISOR - DISTRICT CODE - *OPTIONAL*

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

FORM A (5-91) FOR0003A-5

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: [ ] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [ ] 4 AMENDED PERMIT [ ] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY TANK CLOSURE [ ] 7 PERMANENTLY CLOSED ON SITE [X] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Abandone Gas Station

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # 1

B. MANUFACTURED BY: Unknown

C. DATE INSTALLED (MO/DAY/YEAR) Unknown

D. TANK CAPACITY IN GALLONS: 5,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. [XX] 1 MOTOR VEHICLE FUEL [ ] 2 PETROLEUM [ ] 3 CHEMICAL PRODUCT [ ] 4 OIL [ ] 80 EMPTY [ ] 95 UNKNOWN

B. [ ] 1 PRODUCT [ ] 2 WASTE

C. [XX] 1a REGULAR UNLEADED [ ] 1b PREMIUM UNLEADED [ ] 2 LEADED [ ] 3 DIESEL [ ] 4 GASAHOL [ ] 5 JET FUEL [ ] 6 AVIATION GAS [ ] 7 METHANOL [ ] 99 OTHER (DESCRIBE IN ITEM D BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED

C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: [ ] 1 DOUBLE WALL [X] 2 SINGLE WALL [ ] 3 SINGLE WALL WITH EXTERIOR LINER [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK) [ ] 95 UNKNOWN [ ] 99 OTHER

B. TANK MATERIAL (Primary Tank): [X] 1 BARE STEEL [ ] 2 STAINLESS STEEL [ ] 3 FIBERGLASS [ ] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC [ ] 5 CONCRETE [ ] 6 POLYVINYL CHLORIDE [ ] 7 ALUMINUM [ ] 8 100% METHANOL COMPATIBLE W/FRP [ ] 9 BRONZE [ ] 10 GALVANIZED STEEL [ ] 95 UNKNOWN [ ] 99 OTHER

C. INTERIOR LINING: [ ] 1 RUBBER LINED [ ] 2 ALKYD LINING [ ] 3 EPOXY LINING [ ] 4 PHENOLIC LINING [ ] 5 GLASS LINING [ ] 6 UNLINED [X] 95 UNKNOWN [ ] 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP [ ] 2 COATING [ ] 3 VINYL WRAP [ ] 4 FIBERGLASS REINFORCED PLASTIC [ ] 5 CATHODIC PROTECTION [ ] 91 NONE [X] 95 UNKNOWN [ ] 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION; A U 2 PRESSURE; A U 3 GRAVITY; A U 99 OTHER

B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A (U) 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 95 UNKNOWN; A U 99 OTHER

D. LEAK DETECTION: [ ] 1 AUTOMATIC LINE LEAK DETECTOR [ ] 2 LINE TIGHTNESS TESTING [ ] 3 INTERSTITIAL MONITORING [ ] 99 OTHER

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK [ ] 2 INVENTORY RECONCILIATION [ ] 3 VADOZE MONITORING [ ] 4 AUTOMATIC TANK GAUGING [ ] 5 GROUND WATER MONITORING [ ] 6 TANK TESTING [ ] 7 INTERSTITIAL MONITORING [ ] 91 NONE [X] 95 UNKNOWN [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) Unknown

2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING Unknown GALLONS

3. WAS TANK FILLED WITH INERT MATERIAL ? YES [ ] NO [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Nissan Sadian

DATE 10/29/93

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# COUNTY # [ ][ ] JURISDICTION # [ ][ ][ ] FACILITY # [ ][ ][ ][ ][ ][ ] TANK # [ ][ ][ ][ ][ ][ ]

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0004B-RS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: [ ] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [ ] 4 AMENDED PERMIT [ ] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY TANK CLOSURE [ ] 7 PERMANENTLY CLOSED ON SITE [XX] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Abandone Gas Station

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # 2

B. MANUFACTURED BY: Unknown

C. DATE INSTALLED (MO/DAY/YEAR) Unknown

D. TANK CAPACITY IN GALLONS: 5,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. [XX] 1 MOTOR VEHICLE FUEL [ ] 2 PETROLEUM [ ] 3 CHEMICAL PRODUCT [ ] 4 OIL [ ] 80 EMPTY [ ] 95 UNKNOWN

B. [ ] 1 PRODUCT [ ] 2 WASTE

C. [XX] 1a REGULAR UNLEADED [ ] 1b PREMIUM UNLEADED [ ] 2 LEADED [ ] 3 DIESEL [ ] 4 GASAHOL [ ] 5 JET FUEL [ ] 6 AVIATION GAS [ ] 7 METHANOL [ ] 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: [ ] 1 DOUBLE WALL [XX] 2 SINGLE WALL [ ] 3 SINGLE WALL WITH EXTERIOR LINER [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK) [ ] 95 UNKNOWN [ ] 99 OTHER

B. TANK MATERIAL (Primary Tank): [XX] 1 BARE STEEL [ ] 2 STAINLESS STEEL [ ] 3 FIBERGLASS [ ] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC [ ] 5 CONCRETE [ ] 6 POLYVINYL CHLORIDE [ ] 7 ALUMINUM [ ] 8 100% METHANOL COMPATIBLE W/FRP [ ] 9 BRONZE [ ] 10 GALVANIZED STEEL [ ] 95 UNKNOWN [ ] 99 OTHER

C. INTERIOR LINING: [ ] 1 RUBBER LINED [ ] 2 ALKYD LINING [ ] 3 EPOXY LINING [ ] 4 PHENOLIC LINING [ ] 5 GLASS LINING [ ] 6 UNLINED [XX] 95 UNKNOWN [ ] 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP [ ] 2 COATING [ ] 3 VINYL WRAP [ ] 4 FIBERGLASS REINFORCED PLASTIC [ ] 5 CATHODIC PROTECTION [ ] 91 NONE [XX] 95 UNKNOWN [ ] 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER

B. CONSTRUCTION: A (U) 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A (U) 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION: [ ] 1 AUTOMATIC LINE LEAK DETECTOR [ ] 2 LINE TIGHTNESS TESTING [ ] 3 INTERSTITIAL MONITORING [ ] 99 OTHER

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK [ ] 2 INVENTORY RECONCILIATION [ ] 3 VADOZE MONITORING [ ] 4 AUTOMATIC TANK GAUGING [ ] 5 GROUND WATER MONITORING [ ] 6 TANK TESTING [ ] 7 INTERSTITIAL MONITORING [ ] 91 NONE [XX] 95 UNKNOWN [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) Unknown

2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING Unknown GALLONS

3. WAS TANK FILLED WITH INERT MATERIAL ? YES [ ] NO [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Nissan Sadian

DATE 10/29/93

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# COUNTY # JURISDICTION # FACILITY # TANK #

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034B-R5

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: [ ] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [ ] 4 AMENDED PERMIT [ ] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY TANK CLOSURE [ ] 7 PERMANENTLY CLOSED ON SITE [XX] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Abandone Gas Station

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # 3

B. MANUFACTURED BY: Unknown

C. DATE INSTALLED (MO/DAY/YEAR) Unknown

D. TANK CAPACITY IN GALLONS: 550

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. [ ] 1 MOTOR VEHICLE FUEL [ ] 2 PETROLEUM [ ] 3 CHEMICAL PRODUCT [XX] 4 OIL [ ] 80 EMPTY [ ] 95 UNKNOWN

B. [ ] 1 PRODUCT [X] 2 WASTE

C. [ ] 1a REGULAR UNLEADED [ ] 1b PREMIUM UNLEADED [ ] 2 LEADED [ ] 3 DIESEL [ ] 4 GASAHOL [ ] 5 JET FUEL [ ] 6 AVIATION GAS [ ] 7 METHANOL [ ] 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B. AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: [ ] 1 DOUBLE WALL [X] 2 SINGLE WALL [ ] 3 SINGLE WALL WITH EXTERIOR LINER [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK) [ ] 95 UNKNOWN [ ] 99 OTHER

B. TANK MATERIAL (Primary Tank): [X] 1 BARE STEEL [ ] 2 STAINLESS STEEL [ ] 3 FIBERGLASS [ ] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC [ ] 5 CONCRETE [ ] 6 POLYVINYL CHLORIDE [ ] 7 ALUMINUM [ ] 8 100% METHANOL COMPATIBLE W/FRP [ ] 9 BRONZE [ ] 10 GALVANIZED STEEL [ ] 95 UNKNOWN [ ] 99 OTHER

C. INTERIOR LINING: [ ] 1 RUBBER LINED [ ] 2 ALKYD LINING [ ] 3 EPOXY LINING [ ] 4 PHENOLIC LINING [ ] 5 GLASS LINING [ ] 6 UNLINED [X] 95 UNKNOWN [ ] 99 OTHER

IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP [ ] 2 COATING [ ] 3 VINYL WRAP [ ] 4 FIBERGLASS REINFORCED PLASTIC [ ] 5 CATHODIC PROTECTION [ ] 91 NONE [X] 95 UNKNOWN [ ] 99 OTHER

E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A U 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 99 OTHER

B. CONSTRUCTION: A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION: [ ] 1 AUTOMATIC LINE LEAK DETECTOR [ ] 2 LINE TIGHTNESS TESTING [ ] 3 INTERSTITIAL MONITORING [ ] 99 OTHER

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK [ ] 2 INVENTORY RECONCILIATION [ ] 3 VADOZE MONITORING [ ] 4 AUTOMATIC TANK GAUGING [ ] 5 GROUND WATER MONITORING [ ] 6 TANK TESTING [ ] 7 INTERSTITIAL MONITORING [ ] 91 NONE [X] 95 UNKNOWN [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) Unknown

2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING Unknown GALLONS

3. WAS TANK FILLED WITH INERT MATERIAL ? YES [ ] NO [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) Nissan Sadian

DATE 10/29/93

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# COUNTY # [ ][ ] JURISDICTION # [ ][ ][ ] FACILITY # [ ][ ][ ][ ][ ][ ] TANK # [ ][ ][ ][ ][ ][ ]

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034 8-R5

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 510/271-4320

Revised 12/6/93
Note changes/additions in Red

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

1. Business Name Abandone gas station

   Business Owner Nissan Sadian

2. Site Address 525 98th Avenue

   City Oakland, CA Zip 94621 Phone

3. Mailing Address 301 Franklin Street

   City Oakland, CA Zip 94607 Phone 510-835-1176

4. Land Owner Nissan Sadian

   Address 301 Franklin Street City, State Oakland, CA Zip 94607

5. Generator name under which tank will be manifested

   Nissan Sadian

   EPA I.D. No. under which tank will be manifested CAC000896280

6. Contractor Alpha Geo Services

Address 298 Brokaw Road

City Santa Clara, CA 95050 Phone 408-988-1032

License Type* General "A" & C57 ID# 507520

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant Soil Tech Engineering, Inc.

Address 298 Brokaw Road

City Santa Clara, CA 95050 Phone 408-496-0265

8. Contact Person for Investigation

Name Frank Hamedi Title General Manager

Phone 408-496-0265

9. Number of tanks being closed under this plan 3

Length of piping being removed under this plan _____

Total number of tanks at facility 3

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground tanks are hazardous waste and must be handled as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter

Name H&H Environmental Services EPA I.D. No. CAD0004771168

Hauler License No. 0334 License Exp. Date 1/31/94

Address 220 China Basin

City San Francisco State CA Zip 94107

b) Product/Residual Sludge/Rinsate Disposal Site

Name H&H Environmental Services EPA I.D. No. CAD0004771168

Address 220 China Basin

City San Francisco State CA Zip 94107

c) Tank and Piping Transporter

Name H&H Environmental Services EPA I.D. No. CAD0004771168

Hauler License No. 0334 License Exp. Date 1/31/94

Address 220 China Basin

City San Francisco State VA Zip 94107

d) Tank and Piping Disposal Site

Name H&H Environmental Services EPA I.D. No. CAD0004771168

Address 220 China Basin

City San Francisco State CA Zip 94107

11. Experienced Sample Collector

Name Noori Ameli

Company Soil Tech Engineering, Inc.

Address 298 Brokaw Road

City Santa Clara State CA Zip 95050 Phone 408-496-0265

12. Laboratory

Name Argon Mobile Labs

Address 3008 McKittrick Court, Suite N

City Ceres State CA Zip 95307

State Certification No. 1873

13. Have tanks or pipes leaked in the past? Yes [ ] No [ ]

If yes, describe.

14. Describe methods to be used for rendering tank inert

Dry ice.

Minimum of 25 lbs / 1000 gal of T

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It **is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.**

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, groundwater, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
5,000	gasoline	Soil & groundwater if present.	Soil/backfill intergrade into 2 feet of native soil (at each end of tank).
5,000	gasoline	Soil & groundwater if present.	Same as above.
550	waste oil	Soil & groundwater if present.	Same as above.

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated)	Sampling Plan
1 discrete sample / 50 cy for disposal 1/20 cy for reuse	Soil sample(s) will be placed in brass tubes, sealed with Teflon tape and plastic caps. Sample(s) will be placed on ice and transported to a state certified laboratory with chain-of-custody.

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
TPH-G	5030/8015		0.05 ppm 0.5 ppb
LINE BTEX	8020 or 8240 or		
TPH & BTEX	8260		
Total lead	AA.		
TPH-G	5030		
TPH-D	3550		
E OIL TPH & BTEX	8260		
O & G	5520 D & F		
CL HC	810 or 8240		
Metals Cd, Cr, Pb, Ni, Zn			
Semivolatiles	8270		

17. Submit Site Health and Safety Plan (See Instructions)

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Compensation Insurance Fund

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. **Report any leaks or contamination to this office within 5 days of discovery.** The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) Frank Hamedi-Fard

Signature

Date 10/29/93

Signature of Site Owner or Operator

Name (please type) Nissan Sadian

Signature

Date 10/29/93

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION
Acknowledgement of Refund Recipient for Site Account
DEPOSITOR FILLS OUT PER SITE
-- REQUIRED --

The depositor will use this form to acknowledge that the property owner or his or her designee will receive any refund due at the completion of all deposit/refund projects at the site listed below.

SITE NUMBER/ADDRESS:

Site Number

Abandone gas station
Company Name

525 98th Avenue
Street Address

Oakland, CA 94621
City Zip Code

REFUND RECIPIENT-PROPERTY OWNER

Nissan Sadian
Owner's Name

301 Franklin Street
Owner's Address

Oakland, CA 94607
Owner's City State Zip

I have read the description of the project Deposit/Refund Procedure, and have had an opportunity to ask questions about it. I understand that regardless of who deposits money into the site account, any deposit money remaining at the completion of all projects being conducted at this site will be refunded solely to the property owner or his or her designee.

Nissan Sadian
Signature of Depositor

10/29/93
Date

Nissan Sadian
Depositor Name

Company Name

301 Franklin Street
Street Address

Oakland, CA 94607
City / Zip

RETURN FORM TO: Alameda County, Hazardous Materials Div.
80 Swan Way, Rm 200

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION
Declaration of Site Account Refund Recipient

SITE OWNER FILLS OUT PER SITE
-- OPTIONAL --

The property owner will use this form to designate someone other than him- or her- self to receive any refund due at the completion of all deposit/refund projects at the site listed below. In the absence of this form, the property owner will receive any refund. Only one person at any one time may be designated to receive any refund.

SITE NUMBER/ADDRESS:

Site Number

Company Name

Street Address

City Zip Code

PROPERTY OWNER

Owner's Name

Owner's Address

Owner's City State Zip

I designate the following person to receive any refund due at the completion of all deposit/refund projects:

Name

Street Address

City / Zip

Property Owner Signature

Date

Property Owner Name

RETURN FORM TO: Alameda County, Hazardous Materials Div.
80 Swan Way, Rm 200
Oakland, CA 94621-1439
Phone: (510) 271-4320

DR-DECL; mfk; 8/14/91

HEALTH AND SAFETY PLAN
FOR THE PROPERTY
LOCATED AT 525 98TH AVENUE
OAKLAND, CALIFORNIA

GENERAL:

This Health and Safety Plan (HSP) contains the minimum requirements for the subject site and tank removal. The field activities include: removal of product, excavation, product lines, triple washing the tank, sampling rinsate, removing rinsate with vactruck, removing the tank, and proper disposal. All personnel and contractors will be required to strictly adhere to these HSP requirements.

The objective of the HSP plan is to describe procedures and actions to protect the worker, as well as unauthorized person, from inhalation and ingestion of, and direct skin contact with potentially hazardous materials that may be encountered at the site. The plan describes (1) personnel responsibilities and (2) protective equipment to be used as deemed when working on the site. At a minimum, all personnel working at the site must read and understand the requirements of this HSP. A copy of this HSP will be on-site, easily accessible to all staff and government field representative.

PERSONNEL RESPONSIBILITIES:

The key personnel directly involved in the investigation will be responsible for monitoring the implementation of safe work practices and the provisions of this plan are (1) Alpha Geo Services (AGS) supervisor, Mr. Richard Manley and (2) Soil Tech Engineering, Inc. (STE) project field engineer, Mr. Noori Ameli. These personnel are responsible for knowing the provisions of the plan, communicating plan requirements to workers under their supervision and regulatory agencies inspectors and for enforcing the plan.

The personnel-protective equipment will be selected to prevent field personnel from exposure to fuel hydrocarbons that may be present at the site. To prevent direct skin contact, the following protective clothing will be worn as appropriate while working at the site:

1. Tyvek coveralls.
2. Butyl rubber or disposable vinyl gloves.
3. Hard hat with optional face shield.
4. Steel toe boots.
5. Goggles or safety glasses.

The type of gloves used with be determined by the type of work being performed. Excavation and tank removal personnel will be required to wear butyl rubber gloves because they may have long

duration contact with the subsurface materials. The triple washing (decontaminated) and vactruck crews shall wear butyl rubber gloves as they may have long duration contact with the rinsate. STE sampling staff will wear disposable gloves when handling any sample. These gloves will be changed between each sample.

Tank destruction and removal personnel will be required to wear hard hats and when appropriate wear a protective face shield.

Personnel protective equipment shall be put on before entering the immediate work are. The sleeves of the overalls shall be outside of the cuffs of the gloves to facilitate removal of clothing with the least potential contamination of personnel. If at any time protective clothing (coveralls, boots or gloves) become torn, wet or excessively soiled, it will be replaced immediately.

Total organic vapors will be monitored at the site with a portable PID and portable LEL meter. Should the total organic vapor content approach that of the threshold limit valve (TLV) for any of the substances listed in Table 1, appropriate safety measures will be implemented under the supervision of the site project engineer. These precautions include, but are not limited to, the following: (1) Donning of respirators (with appropriate cartridges) by site personnel, (2) forced ventilation of the site, (3) shutdown of work until such time as appropriate safety measures sufficient to insure the health and safety of site personnel can be implemented.

TABLE 1
THRESHOLD LIMIT VALUES
FOR
COMMON GASOLINE CONSTITUENTS

Benzene	10 ppm
Toluene	100 ppm
Ethylbenzene	100 ppm
Xylenes	100 ppm

No eating, drinking or smoking will be allowed in the vicinity of the drilling operations. AGS will designate a separate area on-site for eating and drinking. Smoking will not be allowed at the vicinity of the site except in designated areas. No contact lenses will be worn by field personnel.

WORK ZONES AND SECURITY MEASURES:

The project engineer will call Underground Service Alert (USA), and the utilities will be marked before any excavation is conducted on-site, and excavation will be at safe distances from the utilities. The client will also be advised to have a representative on-site to advise us in selecting locations of piping trenches with respect to utilities, underground or above ground structures. AGS assumes no responsibility to utilities not so located. The excavation will be hand dig or using small power tools. Each of the areas where the tank or piping will be excavated will be designated as exclusion zones. Only essential

personnel will be allowed into an exclusion zone. When it is practical and local topography allows, approximately 25 to 75 feet of space surrounding those exclusion zones will be designated as contamination reduction zones.

Cones, wooden barricades or a suitable alternative will be used to deny public access to these contamination reduction zones excavation area. The general public will not be allowed closed to the work area under any conditions. If for any reason the safety of a member or the public (e.g. motorists or pedestrians) may be endanger, work will cease until the situation is remedied. Cones and working signs will be used when necessary to redirect motorists or pedestrians.

Appropriate fire extinguishers must be on-site.

LOCATION AND PHONE NUMBERS OF EMERGENCY FACILITIES:

The fire department and hospital addresses and phone numbers are listed below:

City of Oakland Fire Department	911
Highland General Hospital 1411 East 31st Street, Oakland, CA	(510) 534-8655

ADDITIONAL CONTINGENCY TELEPHONE NUMBERS:

Poison Control Center . . . . . (800) 523-2222

Soil Tech Engineering Administrative Office . . . . (408) 496-0265

CHEMTREC . . . . . (800) 424-9300

NOTE: Only call CHEMTREC stands for Chemical Transportation Emergency Center, a public service of the Chemical Manufacturer's Association. CHEMTREC can usually provide hazard information, warnings and guidance when given the identification number or the name of the product and the nature of the problem. CHEMTREC can also contact the appropriate experts.

TYPES OF PROTECTIVE CLOTHING AND RESPIRATION THAT SHOULD BE USED AT HAZARDOUS WASTE SITES
FOR THE PROPERTY
LOCATEDAT 525 98TH AVENUE
OAKLAND, CALIFORNIA

The degree of hazard is based on the waste material's physical, chemical, and biological properties and anticipated concentrations of the waste. The level of protective clothing and equipment worn must be sufficient to safeguard the individual. A four category system is described below.

LEVEL A

Level A consists of a pressure-demand SCBA (air supplying respirator with back mounted cylinders), fully encapsulated resistant suit, inner and outer chemical resistant gloves, chemical resistant steel safety boots (toe, shank, and metatarsal protection), and hard hat. Optional equipment might include cooling systems, abrasive resistant gloves, disposal oversuit and boot covers, communication equipment, and safety line. Level A is worn when the highest level of respiratory, skin, and eye protection is required. Most samplers will never wear Level A protection.

LEVEL B

Level B protection is utilized in areas where full respiratory protection is warranted, but a lower level of skin and eye protection is sufficient (only a small area of head and neck

is exposed). Level B consists of SCBA, splash suite (one or two piece) or disposal chemical resistant coveralls, inner and outer chemical resistant gloves, chemical resistant safety boots, and hard hat with face shield. Optional items include glove and boot covers and inner chemical resistant fabric coveralls.

LEVEL C

Level C permits the utilization of air-purifying respirators. Level B body, foot, and hand protection is normally maintained. Many organizations will permit only the use of approved full-face masks equipped with a chin or harness-mounted canister. However, many sites are visited by personnel wearing a half-mask cartridge respirator.

LEVEL D

Level D protection consists of a standard work uniform of coveralls, gloves, safety shoes or boots, hard hat, and goggles or safety glasses.

Respirators are of two basic types, air-purifying and air-supplying. Air-purifying respirators are designed to remove specific contaminants by means of filters and/or sorbents. Air-purifying respirators come in various sizes, shapes, and models and can be outfitted with a variety of filters, cartridges, and canisters. Each mask and cartridge or canister is designed for

protection against certain contaminant concentrations. Just because a cartridge says it is for use against organic vapors does not mean that it is good for all organic vapors.

Air-supplying respirators are utilized in oxygen-deficient atmospheres (less than 19.5 percent) or when an air-purifying device is not sufficient. Air is supplied to a face-mask from an uncontaminated source of air via and air line from stationary tanks, from a compressor, or from air cylinders worn on the back (SCBA). Rated capacities of the SCBA's are normally between 30 and 60 minutes. Only positive pressure (pressure demand) respirators should be used in high concentration hazardous environments.

Contact lenses are not permitted for use with any respirator. Contact lenses should not be worn at any site since they tend to concentrate organic materials around the eyes; soft plastic contact lenses can absorb chemicals directly. In addition, rapid removal of contact lenses may be difficult in an emergency. Although eye glasses can prevent a good seal around the temple when wearing goggles or full face masks, spectacle adapters are available for masks and goggles. Respirators often malfunction during cold weather or after continued use. Only NIOSH (National Institute for Occupational Safety and Health) MSHA (Mine Safety and Health Administration) approved respirators should be used.

This Site Safety Plan has been reviewed by the project engineer, STE field personnel and all subcontractors.

Amendments or modifications to this Plan may be written on a separate page and attached to this Plan. Any amendments or modifications must be reviewed and approved by the personnel name above.

This Site Safety Plan has been reviewed by the following persons:

Name:_____

Name:_____

Name:_____

Name:_____

Name:_____

Name:_____

Name:_____

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

REGULATION 8, RULE 40
Aeration of Contaminanted Soil and Removal of Underground Storage Tanks

NOTIFICATION FORM

☒ Removal or Replacement of Tanks
☐ Excavation of Contaminated Soil

M. Lew

SITE INFORMATION

SITE ADDRESS 525 98th Avenue
CITY, STATE, ZIP Oakland, CA 94621
OWNER NAME Mr. Nissan Sadian
SPECIFIC LOCATION OF PROJECT Take 98th Avenue Exist from Highway 880 toward north. The site is located on 98th Avenue before Denslowe Avenue.

TANK REMOVAL
SCHEDULED STARTUP DATE 11/05/93
VAPORS REMOVED BY:
[X] WATER WASH
[X] VAPOR FREEING (CO^2)
[ ] VENTILATION

CONTAMINATED SOIL EXCAVATION
SCHEDULED STARTUP DATE _____
STOCKPILES WILL BE COVERED? YES ____ NO ____
ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):
_____
(MAY REQUIRE PERMIT)

CONTRACTOR INFORMATION

NAME Aplha Geo Services CONTACT Frank Hamedi
ADDRESS 298 Brokaw Road PHONE (408) 988-1032
CITY, STATE, ZIP Santa Clara, California 95050

CONSULTANT INFORMATION
(IF APPLICABLE)

NAME Soil Tech Engineering, Inc. CONTACT Frank Hamedi
ADDRESS 298 Brokaw Road PHONE (408) 496-0265
CITY, STATE, ZIP Santa Clara, California 95050

FOR OFFICE USE ONLY

DATE RECEIVED 10/29/93 BY BLy (INIT.)
CC: INSPECTOR NO. 558 DATE 11/1/93 BY BLy (INIT.)
TELEPHONE UPDATE: CALLER _____ CHANGE MADE _____
BAAQMD N # _____

3/89

Excavation Permit Granted _____ No. _____

CITY OF OAKLAND

Tank Permit

Permit to Excavate and Install, Repair, or Remove Inflammable Liquid Tanks.

No. 9766

Oakland, California, December 7, 1993

PERMISSION IS HEREBY GRANTED TO install (remove) repair Gasoline tank and excavate commencing _____ feet inside property line

_____ side of _____ Street Avenue _____ feet _____ of _____ Street Avenue

325 - 98th Avenue _____ Street Avenue Present Storage _____

Jan Sadian _____ Address 301 Franklin St. Phone 835-1176

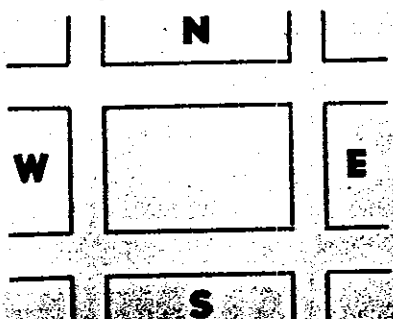
Alpha Geo services _____ Address 298 Brokaw Rd. Santa Clara 95050 Phone 408-988-1032

street (sidewalk) surface to be disturbed _____ X _____ Number of Tanks 1 2 Capacity 550 5000 Gallons, each.

This Permit is granted in accordance with existing City Ordinances.
Owner hereby agrees to remove tanks on discontinuance of use or when notified by the City Authorities.
When installing, removing or repairing tanks, no open flame to be on or near premises.

_____ Fire Marshal

_____ Drainage Division Engineering Dept.



EXCAVATING PERMIT

ed in accordance with Ord. No. 278 CMS, Sec. 6-2.04

_____ square feet of digging or removal granted.

$ _____ special deposit is hereby acknowledged.

N...AL DEPOSIT.

BUREAU OF PERMITS AND LICENSES.

Fee Paid - - - - - - - - - $250.00 ck#4803 rec#692952

y A. Fucles

FIRE PREVENTION BUREAU

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Inspected and passed on _____ 19 _____

By _____ Fire Marshal

NOTICE

Before Covering Tanks, Above Certificate Must Be Signed.

When ready for inspection notify Fire Prevention Bureau, 273-3851

THIS PERMIT MUST BE LEFT ON THE WORK AS AUTHORITY THEREFOR.

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6. 83548

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAC990896280	31285		

GENERATOR

3. Generator's Name and Mailing Address
NISSAN SAADIAN
301 FRANKLIN ST
OAKLAND CA 94607
(510) 835-1176

5. Transporter 1 Company Name: Erickson Inc
6. US EPA ID Number: CAD009466392

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
Erickson, Inc.
255 Parr Blvd.
Richmond, Ca. 94801
10. US EPA ID Number: CAD009466392

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.	005	T P	10 STO	P
b.				
c.				
d.				

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.G.S.T.'s 24 Hr. Contact Name ~~NISSAN SAADIAN~~ & Phone (510) 835-1176

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
STEVE HOFFMAN		12	07	93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
NOORI AMELI (AGENT)	N. Ameli			

FACILITY

19. Discrepancy Indication Space
16. GENERATOR SIGNED IN SECTION 18 DATE 12/07/93.

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
DAVID SATO	DAVE SATO	12	07	93

DO NOT WRITE BELOW THIS LINE.

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS
To: P.O. Box 3000, Sacramento, CA 95812

DTSC 8022A (7/92)
EPA 8700—22

DAY OR NIGHT TELEPHONE (510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 21893

CUSTOMER: ALPHA GEO

JOB NO.: 83548

FOR: Erickson, Inc. TANK NO. 12669

LOCATION: Richmond DATE: 12/22/93 TIME: 08:21:37

TEST METHOD: Visual Gastech/1314 SMPN LAST PRODUCT: UO

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE: 550 Gallon Tank CONDITION: SAFE FOR FIRE

REMARKS: OXYGEN 20.9%
LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY."

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE _____ TITLE _____ INSPECTOR DS

CP5995

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 21894

CUSTOMER ALPHA GEO

JOB NO. 83548

FOR: Erickson, Inc. TANK NO. 12670

LOCATION: Richmond DATE: 12/22/93 TIME: 08:21:37

TEST METHOD Visual Gastech/1314 SMPX LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 6000 Gallon Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9%
LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY."

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE _____ TITLE _____ INSPECTOR _____

CP5995

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE
CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 21895

CUSTOMER: ALPHA GEO
JOB NO.: 83548

FOR: Erickson, Inc. TANK NO. 12671

LOCATION: Richmond DATE: 12/22/93 TIME: 08:21:37

TEST METHOD: Visual Gastech/1314 SMPN LAST PRODUCT: UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE: 4000 Gallon Tank CONDITION: SAFE FOR FIRE

REMARKS: OXYGEN 20.9%
LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY."

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE _____ TITLE _____ INSPECTOR _____

CP5995