

ENVIRONMENTAL  
PROTECTION  
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# GOLDEN GATE TANK REMOVAL

## TANK REMOVAL REPORT

5930 College Avenue  
Oakland, California  
Job No. 7189  
October 11, 1996

prepared for


William Sheaff  
61 Dunbarton Court  
San Ramon, CA 94583

[Ted]

]\*

(415) 721-8098

Willie (910) 828-7441

  
John Carver  
Civil Engineer  
Golden Gate Tank Removal



GOLDEN GATE TANK REMOVAL  
255 Shipley Street San Francisco, CA 94107  
Phone(415) 512-1555 Fax. (415) 512-0964

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COVER SHEET

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## 1. SITE DESCRIPTION

The subject commercial site is located at 5930 College Avenue in Oakland, California. The site is auto repair facility that at one time used a gasoline tank and a waste oil tank. Figure 1 attached shows the general site vicinity. The actual location of the two tanks as well as nearby streets is shown on the attached Figure 2a. Photographs of the site and tanks are shown on Figure 3.

## 2. TANK HISTORY

One gasoline tank and one waste oil tank were located at the site. Both tanks were located under the sidewalk along the front of building. The following summary shows the tank designations, size, type of construction and contents.

Designation	Construction	diameter (inches)	length (inches)	size (gallons)	contents
TANK 1	Steel	48	84	675	gasoline
TANK 2	Steel	48	42	340	waste oil

The tops of both tanks were about 4 feet below the sidewalk surface and the bottoms were at 8 feet below the sidewalk surface. The plan locations of the two tanks are shown on the attached Figure 2a.

The ages of the tanks are unknown but are believed to be between 40 and 60 years old. There were no records regarding the use of the tanks but neither were believed to have been used since 1980.

## 3. TANK REMOVAL

Golden Gate Tank Removal applied for and obtained permits from the City of Oakland, the Alameda County Health Care Service Agency, the Bay Area Air Quality Management District, and OSHA. All site work was performed in accordance with state and local regulations.

In August 1996, GOLDEN GATE TANK REMOVAL mobilized its equipment and began work on the project. The concrete covering the tanks was removed and disposed of at a local recycler. The overburden soil covering the Tanks 1 and 2 was removed and stored in covered stockpiles on the College Avenue pavement. The locations of the stockpiles are shown on the attached Figure 2a. On August 2, 1996 Erickson Inc. was contracted to remove 300 gallons of residual product and rinsate material from the tanks. The liquid material was transported to a licensed Treatment, Storage and Disposal Facility (TSDF)

under Uniform Hazardous Waste Manifest number 95780566. A copy of the manifest is attached.

On August 6, 1996, dry ice was used to inert the two tanks. After instrument readings indicated there were no explosive vapors, and upon the approval of Oakland Fire Department and the Alameda County Health Care Service Agency, the two tanks were removed from the excavation. After a visual inspection, the tanks were loaded onto a flatbed truck licensed to haul hazardous waste. The tanks were then transported to a licensed TSD under Uniform Hazardous Waste Manifest number 95784481. Copies of the Uniform Hazardous Waste Manifest and the Tank Destruction Certificates are attached.

#### **4. TANK AND SOIL CONDITION**

Both tanks were found to be in poor condition with visible holes. The backfill around the tanks was a brown and gray clayey sand. The natural material underlying the tanks was a gray and dark brown sand to clayey sand. There was no groundwater noted in either of the excavations. Odors were noted in the excavation during tank excavation and removal.

#### **5. TANK REMOVAL SAMPLING**

On August 6, 1996 at the direction of Ms. Madhulla Logan representing Alameda County Health Care Service Agency, the tank removal excavations were sampled. One soil sample was extracted from under each end of Tank 1, and one soil sample from about two feet under the center of Tank 1. These samples were numbered 7189-T1-N, 7189-T1-S, 7189-T1-C-10'. One soil sample was extracted from just below Tank 2 and was numbered 7189-T2-C. Two composite soil samples were collected from the stockpile containing more than 20 cubic yards of the excavated overburden.

Figure 2a shows the locations of all of the samples taken during the tank removal operations. The samples were all labeled and transported to a Mobile One Laboratories mobile laboratory under formal chain-of-custody protocol for the required analyses.

#### **6. TANK REMOVAL SAMPLE RESULTS**

The excavation samples taken from Tank were analyzed for Total Petroleum Hydrocarbons as Gasoline (TPH-G) and Benzene, Toluene, Ethylbenzene and Xylene (BTEX). The excavation sample from Tank 2 and both stockpile samples were analyzed for TPH-G, BTEX, Total Recoverable Petroleum Hydrocarbons (TRPH), Volatile Organic Compounds (VOC) and the five California Metals (Cadmium, Chromium, Lead, Nickel and Zinc). The results of the various analyses are summarized on the attached

Soil/Groundwater Sampling Data Form. The TPH-D, TPH-G, TRPH, and BTEX results are summarized below.

**TABLE 1**  
**TANK REMOVAL SAMPLE RESULTS**  
(all results are in parts per million - ppm)

SAMPLE I.D.	8015 TPH-D	8020 TPH-G	418.1 TRPH	8020 Benzene	8020 Toluene	8020 E'benzene	8020 Xylenes
7189-SP1 stockpile	ND	ND	--	ND	ND	ND	ND
7189-SP2 stockpile	ND	1.3	14,000	ND	ND	ND	ND
7189-T1-N excavation	--	6,000	--	19	240	76	470
7189-T1-S excavation	--	8,100	--	16	240	72	530
7189-T1-C-10 excavation	--	1,200	--	9.1	68	10	79
7189-T2-C excavation	ND	560	16,000	2.7	16	3.3	33

ND Not detected  
-- Not analyzed

## 7. REVIEW OF RESULTS

The results of the tank removal samples were reviewed with Ms. Madhulla Logan of the Alameda County Health Care Service Agency. Based on the analytical results extra work was required. A work plan dated August 15, 1996 was prepared and approved which recommended the following work be carried out:

1. Excavate the area within the tank removal shoring to the depth and limits of normal excavation.
2. Take confirmation soil samples at the bottom and sides of the excavation.
3. Analyze the samples for TPH-G, TPH-D, TRPH, and BTEX at a State Certified Laboratory.
4. Profile and dispose of all excavated and stockpiled material at a suitable facility.
5. Backfill the excavation using clean import soil.
6. Restore the sidewalk to its previous condition before the tank was removed.

7. Publish a Tank Removal Report.

## 8. ADDITIONAL WORK

On September 30, 1996, the additional over-excavation was carried out. The excavation was extended to about 11 feet below sidewalk grade. Additional depth could not be reached because of the confined nature of the site, the location of a nearby tree, and the potential for undermining both the street and the building. The excavated soil was stockpiled on the street in a covered stockpile. The limits of the over-excavation are shown on the attached Figure 2b.

On September 27 and October 1, 1996, all the stockpiled material was loaded onto trucks permitted to haul petroleum contaminated soil. The material was taken to the Forward Class II facility in Mateca California. Copies of the Non-Hazardous Waste Manifest numbers 50998 and 20593 are attached.

A program of sampling of the sidewalls and bottom of the over-excavation was carried out on October 2, 1995. A total of five soil samples were taken from the limits of the excavation and were delivered to a California Certified laboratory under chain-of-custody procedures. All the samples were analyzed TPH-G, TPH-D, TRPH, and BTEX. The locations of the five over-excavation samples are shown on Figure 2b.

The results of the additional sampling as are summarized below as well as on the attached Soil/Groundwater Sampling Data Form.

**TABLE 2**  
**OVER-EXCAVATION SAMPLE RESULTS**  
(all results are in parts per million - ppm)

SAMPLE ID.	8015 TPH-D	8020 TPH-G	418.1 TRPH	8020 Benzene	8020 Toluene	8020 E'benzene	8020 Xylenes
7189-OE-1 sidewall	ND	1,400	1,700	9.8	81	14	110
7189-OE-2 sidewall	ND	840	320	3.3	51	12	91
7189-OE-3 sidewall	ND	ND	21	ND	0.01	0.02	ND
7189-OE-4 sidewall	ND	430	240	0.93	18	4.6	41
7189-OE-5 bottom	ND	1,400	1,100	2.2	40	14	120

## 9. SITE RESTORATION

By October 9, 1996, the excavation was backfilled with clean import soil and compacted. The concrete sidewalk was replaced in accordance with the contract requirements.

## 10. DISCUSSION

One gasoline and one waste oil tank were removed from the site. There were indications that there had been leakage associated with the tanks and a leak report was filed as required. On the recommendation of, and with the approval of the responsible agency, additional work was carried out. The limits of the excavation were expanded as much as possible within the parameters of the site using a standard backhoe. Supplementary soil samples were taken and analyzed.

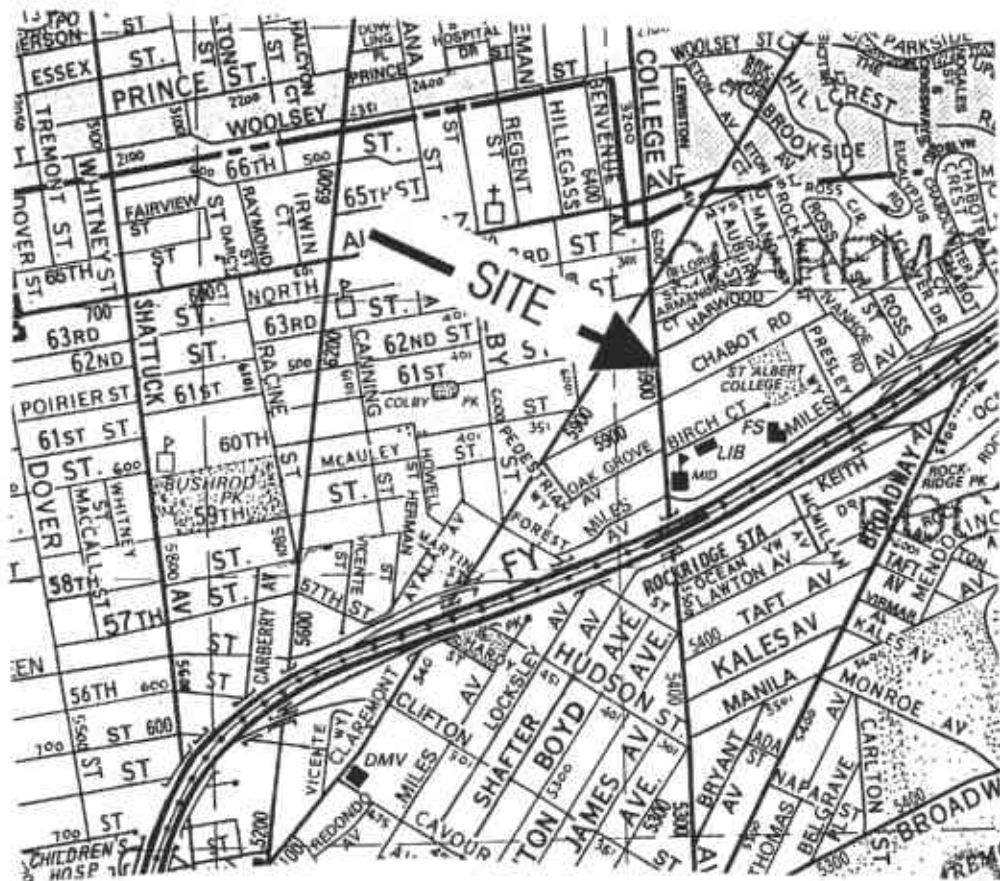
In summary, the main source of any contamination (the tanks themselves) was removed and disposed of as hazardous material. Highly contaminated soil adjacent to the tanks which is a secondary source of contamination was removed and disposed of as Class II material. Additional sampling and analyses indicated a reduction in the levels of petroleum constituents remaining in the soil. The excavation was backfilled and the site restored to its previous condition.

The need for any further work will be determined by the responsible regulatory agencies, the Alameda County Health Care Service Agency (the agency contact is Ms. Madhulla Logan) and the San Francisco Region Water Quality Control Board in Oakland California.

**ATTACHMENTS**

**VICINITY MAP, SITE PLAN, PHOTOGRAPHS  
SOIL/GROUNDWATER SAMPLING DATA FORM  
ANALYTICAL REPORTS, CHAIN OF CUSTODY FORMS  
CERTIFICATE OF TANK DESTRUCTION  
MANIFEST COPIES  
NON-HAZARDOUS WASTE MANIFEST  
PERMIT COPIES,  
LEAK REPORT**





**GOLDEN GATE TANK REMOVAL**

255 Shipley Street  
San Francisco, California 94107  
Telephone (415) 512 1555 Fax (415) 512 0964

**VICINITY MAP**

5930 College Avenue  
Oakland, California

Project 7189

By: jnc

Not to scale

August, 1996

Figure 1



7189-SP1  
4 point soil composite  
sample from stockpile



7189-SP2  
4 point soil  
composite  
sample from  
stockpile

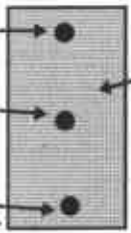
Overhead  
garage door  
access to  
business

commercial  
building at  
5930 College  
Avenue

College Avenue  
Right of Way

7189-T1-N

*19 ppm*



tank #1 removal  
excavation

7189-T1-C-10'

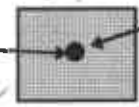
*9.1 ppm*

7189-T1-S

tank #2 removal  
excavation

7189-T2-C

*16 ppm*



*2.7 ppm*

Tree



Sidewalk

### GOLDEN GATE TANK REMOVAL

255 Shipley Street

San Francisco, California 94107

Telephone (415) 512 1555 Fax (415) 512 0964

### SITE PLAN

5930 College Avenue

Oakland, California

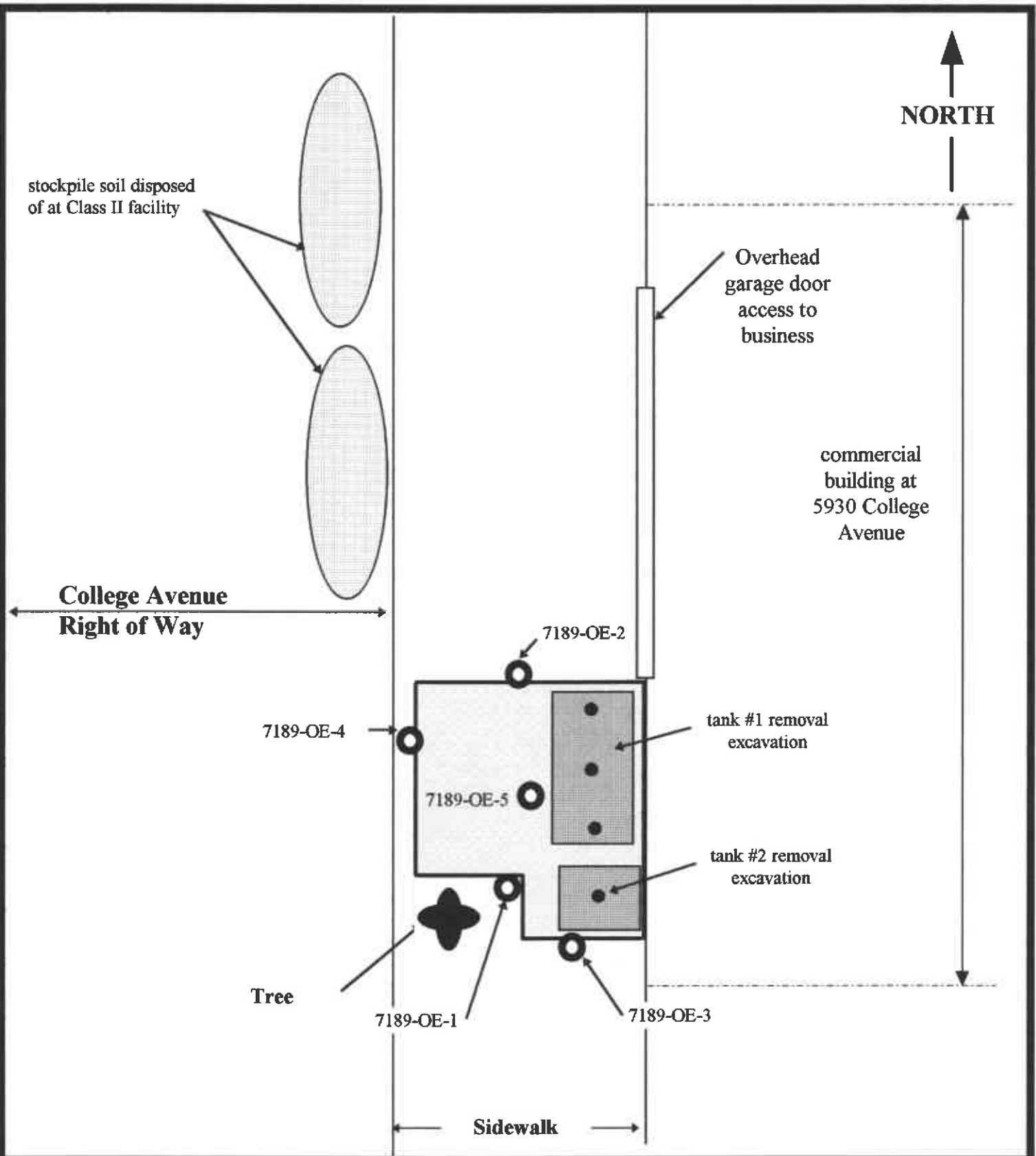
Project Number 7189

October 1996

By: jnc

Not to scale

Figure 2a



**GOLDEN GATE TANK REMOVAL**

255 Shipley Street  
San Francisco, California 94107

Telephone (415) 512 1555 Fax (415) 512 0964

**OVER-EXCAVATION PLAN**

5930 College Avenue  
Oakland, California

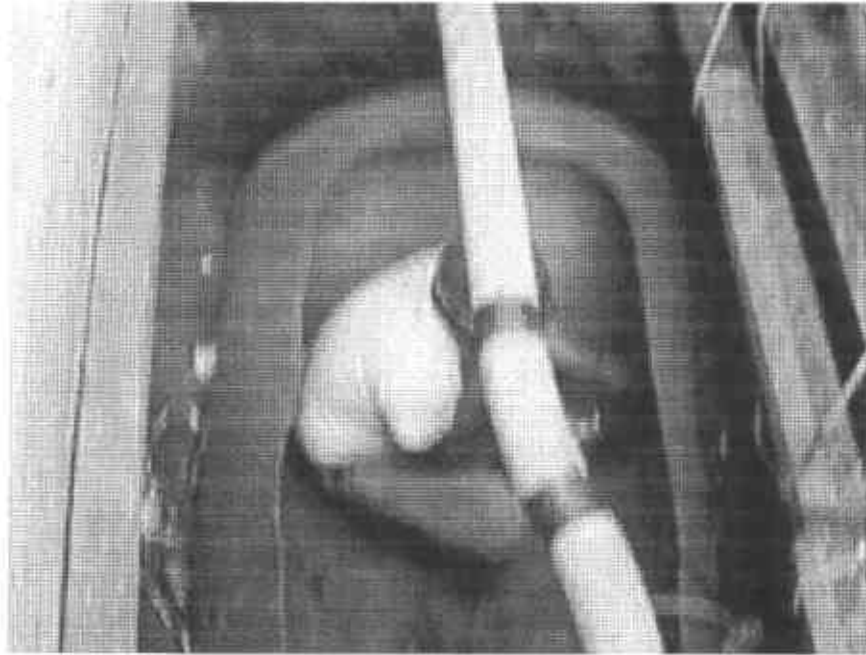
Project Number 7189

October 1996

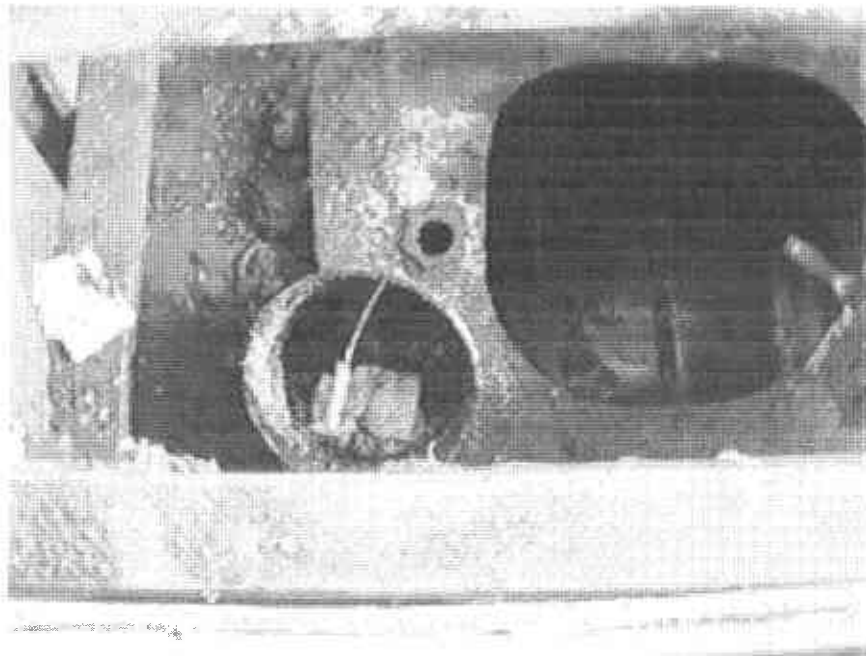
By: inc

Not to scale

Figure 2b



Gasoline tank in excavation



Waste Oil tank in excavation

**GOLDEN GATE TANK REMOVAL**

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San Francisco, California 94107

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**PHOTOGRAPHS**

5930 College Avenue

Oakland, California

Project 7189

By: jnc

Not to scale

August, 1996

Figure 3A



Overview of Site

**GOLDEN GATE TANK REMOVAL**

255 Shipley Street  
San Francisco, California 94107  
Telephone (415) 512 1555 Fax (415) 512 0964

**PHOTOGRAPHS**

5930 College Avenue  
Oakland, California

Project 7189

By: jnc

Not to scale

August, 1996

Figure 3B





8/7/96

Golden Gate Tank Removal  
255 Shipley Street  
San Francisco, CA 94107

Project Name: 5930 College  
Project No.: 7189

Attention: John Carver

Mobile One Laboratories received and analyzed the following sample(s):

Date Received	Quantity	Matrix
08/01/96	6	soil


The samples were analyzed by one or more of the EPA methodologies or equivalent methods as specified below.

TPH -- CA DHS "Total Petroleum Hydrocarbons"  
BTEX -- EPA Method 8020  
TRPH -- EPA Method 418.1, modified for soils  
VOCs -- EPA Method 8260

The results are included with a summary of the quality control procedures. Please note that the symbol "nd" indicates a value below the reporting limit for the particular compound in the sample. Flags qualifying the data are explained in footnotes on the same report page as they occur.

Please feel free to call us to discuss any part of this report or to schedule future projects.

Sincerely,

  
Jason H. Halsey  
Principal Analyst

Mobile One Laboratories is certified by the California Department of Health Services (certificate #: 1194, 1561, 1921, 2088), and the Arizona Department of Health Services (certificate #: AZM466).

MOL Project # GGN9RPT

**Report Summary**

Client: Golden Gate Tank Removal  
Project: 5930 College, 7189

Matrix: soil

Method	TPH gasoline	TPH diesel	TRPH	Benzene	Toluene	Ethyl- benzene	Xylenes
Detection Limit (mg/kg)	1	10	10	0.005	0.005	0.005	0.015
<b>SAMPLE I.D.</b>							
Date Analyzed: 08/06/96							
7189-SP1	nd	nd		nd	nd	nd	nd
7189-SP2	1.3	nd	14,000	nd	nd	nd	0.020
7189-T1-N	6,000			19	240	76	470
7189-T1-S	8,100			16	240	72	530
7189-T1-C-10'	1,200			9.1	68	10	79
7189-T2-C	560	nd	16,000	2.7	16	3.3	33

nd = not found above the detection limit

& = gasoline range organics not identified as gasoline

# = diesel range organics not identified as diesel

\* = sample dilution was required. Detection limits were adjusted accordingly.

Analyses performed by: J. Halsey

GGN9RPT



**QC Summary**

Client: Golden Gate Tank Removal  
Project: 5930 College, 7189

Matrix: soil

Method	TPH gasoline	TPH diesel	TRPH	Benzene	Toluene	Ethyl- benzene	Xylenes
APR - % QC Limits	(67-125)	(67-125)	(75-126)	(60-125)	(59-125)	(52-125)	(60-127)
RPD - % QC Limits	<30	<30	<30	<30	<30	<30	<30
Date Analyzed: 08/06/96							
Spike Level (mg/kg)	1.3	83.6	20.5	0.100	0.100	0.100	0.200
MS Amount Found	1.37	90.8	23	0.082	0.088	0.080	0.189
MSD Amount Found	1.38	80.9	22	0.086	0.090	0.086	0.178
APR - %	105.8	102.7	109.8	84.0	89.0	83.0	91.8
RPD - %	0.7	11.5	4.4	4.8	2.2	7.2	6.0

Calibration verification was within acceptable limits.  
No contamination was found in method blanks at detectable levels.

GGN9RPT

148 So. Vinewood Street, Escondido, CA 92029 (619) 735-3208 FAX (619) 735-2469

816 Church Street, San Francisco, CA 94114 (415) 920-9972 FAX (415) 920-9983

Client: Golden Gate Tank Removal

Site Address: 5930 College  
Oakland, CA

Project: 5930 College 7189

Sampler (signature): [Signature]

Turnaround Requested:

Onsite/24-48 hrs.

Offsite

Other \_\_\_\_\_

Analysis Requested:

TPH-d-8015M

TPHg-8015M (P&T)

BTEX-8020

TPHg/BTEX-8015M/8020

TRPH-418.1

8260 (VOC's-8240)

5 Metals - Pb, Zn, Cr, Cd, Co

Matrix: Soil (S), Sludge (SL), Aqueous (W)

Number of containers

Sample ID	Date	Time	Location	TPH-d-8015M	TPHg-8015M (P&T)	BTEX-8020	TPHg/BTEX-8015M/8020	TRPH-418.1	8260 (VOC's-8240)	5 Metals - Pb, Zn, Cr, Cd, Co	Matrix: Soil (S), Sludge (SL), Aqueous (W)	Number of containers
7189-SP1	8/6/96	1130	Compost	X		X					S	4-BT
7189-SP2		1200	Compost	X		X	X	X	X		S	4-BT
7189-T1-N		1245				X					S	1-BT
7189-T1-S		1300				X					S	1-BT
7189-T1-C		1315		X		X	X	X			S	1-BT
7189-T1-C-10'		1335				X					S	1-BT
												12

1. RELINQUISHED BY:		Date: <u>8/6/96</u>	2. RELINQUISHED BY:		Date:	3. RELINQUISHED BY:		Date:	Sample Receipt Intact: <u>Yes</u> No Seal Intact: Yes No <u>(N/A)</u> Cold: Yes No <u>(N/A)</u> (Received on site)	Special Instructions
Signature: <u>[Signature]</u>		Time: <u>1345</u>	Signature:*		Time:	Signature:*		Time:		
Printed Name: <u>John Carver</u>		Company: <u>GGTR</u>	Printed Name:		Time:	Printed Name:		Time:		
1. RECEIVED BY:		Date: <u>8/6/96</u>	2. RECEIVED BY:		Date:	3. RECEIVED BY:		Date:		
Signature: <u>[Signature]</u>		Time: <u>1355</u>	Signature:*		Time:	Signature:*		Time:		
Printed Name: <u>Jessie Hobbes</u>		Company: <u>Mobile One Labs</u>	Printed Name:		Time:	Printed Name:		Time:		
Company:			Company:			Company:				

\*Signature constitutes authorization to proceed with analysis and acceptance of conditions on back.

**Holding Times:** Holding times are carefully monitored by Mobile One Laboratories Inc. (MOL) since this is a vital part of quality control procedures. MOL will make every effort to perform analysis within the applicable holding times established by the EPA or equivalent methodology. However, samples and sample integrity are ultimately the responsibility of the client. MOL reserves the right to apply rush analysis surcharges to prices in order to meet holding time constraints

**Sample Archiving:** MOL retains all samples received for a period of one month, including samples designated as "hold". Upon specific written request of the client, samples may be held for a defined period beyond one month. MOL reserves the right to charge for the extended holding of samples.

**Hazardous Samples:** Hazardous or difficult to dispose samples may be returned to the client. All samples received by MOL are subject to a per sample disposal fee.

**Reporting Results:** Analyses are reported in wet weight values. Dry weight values may be obtained when moisture content analysis is performed at an additional cost.

**Payment Terms:** Standard credit terms are net 30 days, and are independent of when clients are compensated. MOL reserves the right to require payment in advance until a credit application has been approved. Credit limits may at any time be increased or decreased, based upon payment history. Accounts over 30 days are subject to 1.5% per month interest (18% per annum). Delinquent accounts are liable for legal costs and fees incurred by MOL in its efforts to collect outstanding balances.

**Sample Collection:** MOL does not accept any liability with regard to the collection, preservation technique, or transportation method of samples by clients.

**Limit of Liability:** MOL strives to perform all services in accordance with the local standard of care in the geographic region at the time the services are rendered. Clients should recognize that all samples and sampling events are unique, and that not all samples can be successfully analyzed by generally accepted methods. If analysis proves unsuccessful, the total liability of MOL shall not exceed three times the invoiced amount for the services provided. This limit of liability shall supersede all clauses to the contrary, implied or otherwise, in any client purchase order or contract, unless different terms are authorized in advanced in writing by an officer of MOL.



North State Environmental  
Chemical Waste Disposal • Trucking • Consulting

## CERTIFICATE OF ANALYSIS

Lab No: 96-549  
Client: Golden Gate Tank  
Project: 5930 College, Oakland

Date Sampled: 8-06-96  
Date Extracted: 8-11-96  
Date analyzed: 8-11-96

### TTLIC Metals by Atomic Absorption Spectroscopy Sample prepared by Method 3050

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT
96-549-01	7189-SP2 Soil	Nickel	7520	32 mg/Kg
		Zinc	7950	130 mg/Kg
		Chromium	7190	34 mg/Kg
		Cadmium	7130	ND
		Lead	7420	79 mg/Kg
96-549-02	7189-T2-C Soil	Nickel	7520	68 mg/Kg
		Zinc	7950	210 mg/Kg
		Chromium	7190	49 mg/Kg
		Cadmium	7130	ND
		Lead	7420	48 mg/Kg

### Quality Control Quality Assurance Summary: Soil

Analyte	Method	Reporting Limit	Blank	MS/MSD Recovery	RPD
Nickel	7520	5.0 mg.Kg	ND	111/82	31
Zinc	7950	1.0 mg/Kg	ND	NA	NA
Chromium	7190	5.0 mg/Kg	ND	81/74	9
Cadmium	7130	2.0 mg/Kg	ND	96/91	5
Lead	7420	2.0 mg/Kg	ND	104/91	13

Zn Spike  
Sample too  
High

ELAP Certificate NO: 1753

Reviewed and Approved:

  
John A. Murphy, Laboratory Director



North State Environmental  
Chemical Waste Disposal • Trucking • Consulting

## CERTIFICATE OF ANALYSIS

JOB NO: 96-549  
CLIENT: Golden Gate Tank  
PROJECT ID: 5930 College, Oakland

DATE SAMPLED: 8-06-96  
DATE EXTRACTED: 8-08-96  
DATE ANALYZED: 8-08-96

### Volatile Organics by GC/MS Method 8260

Laboratory Number	96-549-01	96-549-02
Client ID	7189-SP2	7189-T2-C
Matrix	SOIL	SOIL
Analyte	Results ug/Kg	Results ug/Kg
Bromochloromethane	ND<25	ND<25
Dichlorodifluoromethane	ND<25	ND<25
Chloromethane	ND<25	ND<25
Vinyl Chloride	ND<25	ND<25
Bromomethane	ND<25	ND<25
Chloroethane	ND<25	ND<25
Trichlorofluoroethane	ND<5	ND<5
1,1-Dichloroethene	ND<5	ND<5
Acetone	ND<250	ND<250
Methylene Chloride	ND<5	ND<5
trans-1,2-Dichloroethene	ND<5	ND<5
1,1-Dichloroethane	ND<5	ND<5
2,2-Dichloropropane	ND<5	ND<5
cis-1,2-Dichloroethene	ND<5	ND<5
2-Butanone	ND<50	ND<50
Chloroform	ND<5	ND<5
1,1,1-Trichloroethane	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5
1,1-Dichloropropene	ND<5	ND<5
Benzene	ND<5	2300
1,2-Dichloroethane	ND<5	ND<5
Trichloroethene	ND<5	ND<5
1,2-Dichloropropane	ND<5	ND<5
Dibromomethane	ND<5	ND<5
Bromodichloroethane	ND<5	ND<5
trans-1,3-Dichloropropene	ND<5	ND<5
4-Methyl-2-Pentanone	42	360
Toluene	5	6600
cis-1,3-Dichloropropene	ND<5	ND<5
1,1,2-Trichloroethane	ND<5	ND<5
Tetrachloroethene	31	24
1,3-Dichloropropane	ND<5	ND<5
2-Hexanone	ND<50	ND<50
Dibromochloromethane	ND<5	ND<5
Dibromomethane	ND<5	ND<5
Chlorobenzene	ND<5	ND<5
1,1,1,2-Tetrachloroethane	ND<5	ND<5



North State Environmental  
Chemical Waste Disposal · Trucking · Consulting

## CERTIFICATE OF ANALYSIS

JOB NO: 96-506  
CLIENT: Golden Gate Tank  
PROJECT ID: 5930 College, Oakland

DATE SAMPLED: 8-2-96  
DATE EXTRACTED: 8-8-96  
DATE ANALYZED: 8-8-96

### Volatile Organics by GC/MS Method 8260

Laboratory Number	96-549-01	96-549-02
Client ID	7189-SP2	7189-T2-C
Matrix	SOIL	SOIL
Analyte	ug/Kg Results	ug/Kg Results
Ethylbenzene	10	2700
m,p-Xylene	22	10000
o-Xylene	300	5000
Styrene	ND<5	ND<5
Bromoform	ND<50	ND<50
Isopropyl benzene	ND<5	260
Bromobenzene	ND<5	ND<5
1,1,2,2-Tetrachloroethane	ND<5	ND<5
n-Propyl benzene	17	1100
2-Chlorotoluene	ND<5	ND<5
4-Chlorotoluene	ND<5	ND<5
1,3,5-Trimethylbenzene	920	2800
t-Butylbenzene	ND<5	ND<5
1,2,4-Trimethylbenzene	37	7500
1,3-Dichlorobenzene	ND<5	ND<5
1,4-Dichlorobenzene	ND<5	ND<5
sec-Butylbenzene	ND<5	200
1,2-Dichlorobenzene	ND<5	ND<5
p-Isopropylbenzene	ND<5	140
Butylbenzene	ND<5	ND<5
1,2-Dibromo-3-chloroethane	ND<5	ND<5
Naphthalene	ND<5	ND<5
1,2,4-Trichlorobenzene	ND<5	ND<5
Hexachlorobutadiene	ND<5	ND<5
Surrogate Recoveries		
1,2-Dichloroethane d4	91%	82%
Toluene d8	89%	101%
4-Bromofluorobenzene	85%	99%



North State Environmental  
Chemical Waste Disposal • Trucking • Consulting

## CERTIFICATE OF ANALYSIS

JOB NO: 96-506  
CLIENT: Golden Gate Tank  
PROJECT ID: 5930 College, Oakland

DATE SAMPLED: 8-2-96  
DATE EXTRACTED: 8-8-96  
DATE ANALYZED: 8-8-96

### 8010 Volatile halogenated organics by GC/MS Method 8260 Quality Control/Quality Assurance Summary

Laboratory Number	96-506	MS/MSD	RPD
Client ID	Blank	Recoveries	
Matrix	SOIL		
Analyte	ug/Kg Results		
Bromochloromethane	ND<25		
Dichlorodifluoromethane	ND<25		
Chlormethane	ND<25		
Vinyl Chloride	ND<25		
Bromomethane	ND<25		
Chloroethane	ND<25		
Trichlorofluoroethane	ND<5		
1,1-Dichloroethene	ND<5	103/108	5
Acetone	ND<250		
Methylene Chloride	ND<5		
trans-1,2-Dichloroethene	ND<5		
1,1-Dichloroethane	ND<5		
2,2-Dichloropropane	ND<5		
cis-1,2-Dichloroethene	ND<5		
2-Butanone	ND<50		
Chloroform	ND<5		
1,1,1-Trichloroethane	ND<5		
Carbon Tetrachloride	ND<5		
1,1-Dichloropropene	ND<5		
Benzene	ND<5	115/112	3
1,2-Dichloroethane	ND<5		
Trichloroethene	ND<5	98/94	4
1,2-Dichloropropane	ND<5		
Dibromomethane	ND<5		
Bromodichloroethane	ND<5		
trans-1,3-Dichloropropene	ND<5		
4-Methyl-2-Pentanone	ND<50		
Toluene	ND<5	120/115	5
cis-1,3-Dichloropropene	ND<5		
1,1,2-Trichloroethane	ND<5		
Tetrachloroethene	ND<5		
1,3-Dichloropropane	ND<5		
2-Hexanone	ND<50		
Dibromochloromethane	ND<5		
Dibromomethane	ND<5		
Chlorobenzene	ND<5	118/115	3
1,1,1,2-Tetrachloroethane	ND<5		



North State Environmental  
Chemical Waste Disposal • Trucking • Consulting

## CERTIFICATE OF ANALYSIS

JOB NO: 96-506  
CLIENT: Golden Gate Tank  
PROJECT ID: 5930 College, Oakland

DATE SAMPLED: 8-6-96  
DATE EXTRACTED: 8-2-96  
DATE ANALYZED: 8-2-96

### 8010 Volatile halogenated organics by GC/MS Method 8260

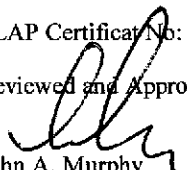
Laboratory Number	96-506	MS/MSD
Client ID	Blank	Recoveries
Matrix	SOIL	SOIL
Analyte	ug/Kg	
	Results	
Ethylbenzene		
m,p-Xylene	ND<5	
o-Xylene	ND<5	
Styrene	ND<5	
Bromoform	ND<50	
Isopropyl benzene	ND<5	
Bromobenzene	ND<5	
1,1,2,2-Tetrachloroethane	ND<5	
n-Propyl benzene	ND<5	
2-Chlorotoluene	ND<5	
4-Chlorotoluene	ND<5	
1,3,5-Trimethylbenzene	ND<5	
t-Butylbenzene	ND<5	
1,2,4-Trimethylbenzene	ND<5	
1,3-Dichlorobenzene	ND<5	
1,4-Dichlorobenzene	ND<5	
sec-Butylbenzene	ND<5	
1,2-Dichlorobenzene	ND<5	
p-Isopropylbenzene	ND<5	
Butylbenzene	ND<5	
1,2-Dibromo-3-chloroethane	ND<5	
Naphthalene	ND<5	
1,2,4-Trichlorobenzene	ND<5	
Hexachlorobutadiene	ND<5	

#### Surrogate Recoveries

1,2-Dichloroethane d4	92%	97/92
Toluene d8	94%	107/111
4-Bromofluorobenzene	92%	107/106

ELAP Certificate No: 1753

Reviewed and Approved

  
John A. Murphy  
Laboratory Director





# North State Environmental Analytical Laboratory

96-549

## Chain of Custody/Request for Analysis

(415) 588-9652

Client: <i>Golden Gate Tank Removal</i>	Phone: <i>512-1555</i>	Report to: <i>John Carver</i>	Turnaround Time <i>Normal</i>	
Mailing Address: <i>255 Shipley St SF, CA 94107</i>		Billing to: <i>Same</i>	8 Hr <input type="checkbox"/>	24 Hr <input type="checkbox"/>
Site Address: <i>5930 College, Oakland, CA</i>		PO # / Billing Reference: <i>7189</i>	40 Hr <input type="checkbox"/>	5 Days <input type="checkbox"/>
Sampler:	Date:		Other <input type="checkbox"/>	

Sample ID:	Sample Description	Container # / type	Sampling Time/Date	ANALYSIS REQUESTED							Remarks
				TPH-D	TPH-G	BTEX	O+G	BPLO	5 Metals Pb, Zn, Cd, Cu		
<i>7189-SP2</i>	<i>soil - Composit</i>	<i>4-GT</i>	<i>8/6/96 1200</i>					<i>X</i>	<i>X</i>	<i>Composit</i>	
<i>7189-T2-C</i>	<i>soil</i>	<i>1-BT</i>	<i>✓ 1315</i>					<i>X</i>	<i>X</i>		
		<i>5</i>									

*5 Soil Sample, P&S*

Relinquished by: <i>[Signature]</i>	Date: <i>8/6/96</i> Time: <i>3:35</i>	Received by: <i>[Signature]</i> <i>USE</i>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Relinquished by:	Date: Time:	Received by:	Were samples Preserved ?	<input checked="" type="checkbox"/>
Relinquished by:	Date: Time:	Received in lab by: <i>[Signature]</i>	In good condition ?	<input checked="" type="checkbox"/>

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. **CAL900003165** Manifest Document No. **805661** 2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
**WILLIAM SCHEIFF C/O TED PLANT  
 1050 CALIFORNIA ST SAN FRANCISCO CA 94108**

A. State Manifest Document Number: **95780566**

4. Generator's Phone **(415) 421-8098**

B. State Generator's ID

5. Transporter 1 Company Name  
**Erickson, Inc.**

6. US EPA ID Number  
**CAD009466392**

C. State Transporter's ID  
 D. Transporter's Phone **(510) 298-2300**

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID  
 F. Transporter's Phone

9. Designated Facility Name and Site Address  
**Evergreen Oil Co.  
 6880 Smith Avenue  
 Newark, CA 94560**

10. US EPA ID Number  
**CAD980887418**

G. State Facility's ID  
 H. Facility's Phone **(510) 795-4401**

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. **NON-RCRA Hazardous Waste Liquids  
 Used Oil**

**0 0 1 T T 0.0500 G**

I. Waste Number  
 State  
 EPA/Other  
 State  
 EPA/Other  
 State  
 EPA/Other

J. Additional Descriptions for Materials Listed Above

**Used Oil**

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

**24 Hour Contact BOB TRICK & Phone 155121555**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this 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 international and national government regulations.

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  
**RANDY McMANUS Owner**

Signature  
*Randy McManus*

Month Day Year  
**08 02 96**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name  
**BOB HILL**

Signature  
*Bob Hill*

Month Day Year  
**0 2 0 9 6**

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

DO NOT WRITE BELOW THIS LINE.

95780566

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

948873

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA1401010103165		Manifest Document No. 84481		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address WILLIAM SCHEAFF C/O TED PLANT SITE: 59th College 650 CALIFORNIA ST OAKLAND SAN FRANCISCO CA 94103						A. State Manifest Document Number 95784481							
4. Generator's Phone (415) 421-2098						B. State Generator's ID							
5. Transporter 1 Company Name ERIKSON INC			6. US EPA ID Number CA10109466392			C. State Transporter's ID							
7. Transporter 2 Company Name						D. Transporter's Phone 502351393							
8. US EPA ID Number						E. State Transporter's ID							
9. Designated Facility Name and Site Address ERIKSON, INC. 255 PARK BLVD. RICHMOND, CA 94801						10. US EPA ID Number CA10109466392							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number	
a. NON-FLAMMABLE LIQUID WASTE WASTE EMPTY STORAGE TANKS						No. Type		Quantity		Wt/Vol		State	
						002		007150		F		512	
												EPA/Other	
												NONE	
J. Additional Descriptions for Materials Listed Above Qty. 2 Empty Storage Tank(s) # 18493, 18494 Tank(s) have been inerted with 15 lbs. Dry Ice Per 1000 Gallon Capacity.						K. Handling Codes for Wastes Listed Above a. 01							
15. Special Handling Instructions and Additional Information Keep away from sources of ignition. Always wear suitable protective clothing. U.S.G.T. - 24 Haz. Contact Name GOLDEN GATE PHONE 415-512-1555 TANK Removal													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this 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 international and national government regulations.  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.													
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name RANDY McMANUS Signature Randy McManus Month Day Year 08 06 96			18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name SAM G. Reda Signature Sam Reda Month Day Year 08 06 96										
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name DAVIO SATO Signature DAVE SATO Month Day Year 08 06 96													

DO NOT WRITE BELOW THIS LINE.

DAY OR NIGHT  
TELEPHONE  
(510) 235-1393

CERTIFICATE  
**CERTIFIED SERVICES COMPANY**  
255 Parr Boulevard • Richmond, California 94801

NO. 15807

CUSTOMER  
~~GOLDEN GATE TA~~  
JOB NO.  
068873

FOR: ERICKSON, INC. TANK NO. 18493

LOCATION: RICHMOND DATE: 06/08/07 TIME: 14:09

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT NO

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 250 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.  
ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK  
SHIPPED TO US FOR PROCESSING.

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 permissible 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.

*Francis Chayo*  
REPRESENTATIVE

TITLE

*Dave Sato*  
INSPECTOR

DAY OR NIGHT  
TELEPHONE  
(510) 235-1393

CERTIFICATE  
**CERTIFIED SERVICES COMPANY**  
255 Parr Boulevard • Richmond, California 94801

NO. 15808

CUSTOMER
ARTESIAN ENVIR
JOB NO.
868787

FOR: ERICKSON, INC. TANK NO. 18394

LOCATION: RICHMOND DATE: 96/08/07 TIME: 14:13

TEST METHOD VISUAL CASTECH/1314 SMPN LAST PRODUCT D

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 600 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.  
ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK  
SHIPPED TO US FOR PROCESSING.

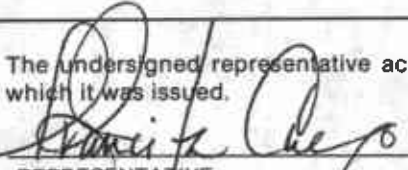
In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

**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 permissible 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



NON-HAZARDOUS WASTE MANIFEST  
WASTE TREATMENT AND DISPOSAL FACILITY

JOB ACCEPTANCE NO. - 542252

TO BE COMPLETED BY THE GENERATOR

TO BE COMPLETED BY THE PORTER

FACILITY REQUIREMENTS

**GENERATOR**  
**Ted Plant**  
 MAILING ADDRESS  
**650 California Street**  
 CITY, STATE, ZIP  
**San Francisco, CA 94108**  
 PHONE  
**415/421-8098**  
 CONTACT PERSON  
**Tracy Wallace**  
 SIGNATURE OF AUTHORIZED AGENT / TITLE      DATE  
 \* *[Signature]*      9/27/96

**REQUIRED PERSONAL PROTECTIVE EQUIPMENT**  
 GLOVES     GOGGLES     RESPIRATOR     HARD HAT  
 TY-VEK     OTHER

**SPECIAL HANDLING PROCEDURES:**

**WASTE TYPE**

<input type="checkbox"/> TREATMENT SOIL	<input type="checkbox"/> SLUDGE
<input checked="" type="checkbox"/> DISPOSAL SOIL	<input type="checkbox"/> NON-FRIABLE ASBESTOS
<input type="checkbox"/> CONSTRUCTION SOIL	<input type="checkbox"/> WOOD
	<input type="checkbox"/> ASH
	<input type="checkbox"/> OTHER

**RECEIVING FACILITY:**

**FORWARD INC. LANDFILL**  
**9999 SOUTH AUSTIN ROAD**  
**MANTECA, CALIFORNIA 95336**  
**(209) 982-4298 PHONE**  
**(209) 982-1009 FAX**

**GENERATING FACILITY**  
**5930 College Avenue**  
**Oakland, CA 94618**

**NAME**  
**Poli Trucking**  
 ADDRESS  
**235 Rockwood Drive**  
 CITY, STATE, ZIP  
**S.S.F. CA 94080**  
 PHONE  
 SIGNATURE OF AUTHORIZED AGENT OR DRIVER      DATE  
 \* *[Signature]*      9.27.96

**NOTES:** \_\_\_\_\_

**TRUCK NUMBER**

<input type="checkbox"/> END DUMP	<input type="checkbox"/> BOTTOM DUMP	<input type="checkbox"/> TRANSFER
<input type="checkbox"/> ROLL-OFF(S)	<input type="checkbox"/> FLAT-BED	<input type="checkbox"/> VAN
	<input type="checkbox"/> DRUMS	

**FORWARD INC. LANDFILL**

Forward shall have no obligation to accept the waste if weather or other conditions impair the safe and effective disposal of the waste or if the waste impairs the safe and effective operation of the Landfill. Forward shall use reasonable efforts to promptly notify Disposer of its inability to accept the waste for any reason. If Forward's refusal to accept the waste is based on weather or other site conditions, Forward shall notify the Disposer when site conditions are expected to change such that Forward will be able to accept the waste.

**REMARKS**

**FACILITY TICKET NUMBER**

SIGNATURE OF AUTHORIZED AGENT      DATE  
 \* \_\_\_\_\_

**CUBIC YARDS**

DISPOSAL METHOD:	(TO BE COMPLETED BY FORWARD)				
	DISPOSE	BIO	AERATE	STOCKPILE	OTHER
<input type="checkbox"/> SOIL					
<input type="checkbox"/> SLUDGE					
<input type="checkbox"/> NON-FRIABLE ASBESTOS					
<input type="checkbox"/> WOOD					
<input type="checkbox"/> ASH					
<input type="checkbox"/> OTHER					

SCHEDULING MUST BE MADE PRIOR TO 4:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE. TO SCHEDULE CALL (209) 982-4298



# FORWARD INCORPORATED

## NON-HAZARDOUS WASTE MANIFEST WASTE TREATMENT AND DISPOSAL FACILITY

**JOB ACCEPTANCE NO.**

542252

TO BE COMPLETED BY THE GENERATOR

**GENERATOR**  
**Red Plant**  
 MAILING ADDRESS  
**650 California Street**  
 CITY, STATE, ZIP  
**San Francisco, CA 94108**  
 PHONE  
**415/421-8098**  
 CONTACT PERSON  
**Tim Hallen**  
 SIGNATURE OF AUTHORIZED AGENT / TITLE  
 \**Tim Hallen*  
 DATE  
**10-1-96**

**REQUIRED PERSONAL PROTECTIVE EQUIPMENT**  
 GLOVES  GOGGLES  RESPIRATOR  HARD HAT  
 TY-VEK  OTHER

**SPECIAL HANDLING PROCEDURES:**

**WASTE TYPE**

<input type="checkbox"/> TREATMENT SOIL	<input type="checkbox"/> SLUDGE
<input checked="" type="checkbox"/> DISPOSAL SOIL	<input type="checkbox"/> NON-FRIABLE ASBESTOS
<input type="checkbox"/> CONSTRUCTION SOIL	<input type="checkbox"/> WOOD
	<input type="checkbox"/> ASH
	<input type="checkbox"/> OTHER

**RECEIVING FACILITY**

**FORWARD INC. LANDFILL**  
**9999 SOUTH AUSTIN ROAD**  
**MANTECA, CALIFORNIA 95336**  
**(209) 982-4298 PHONE**  
**(209) 982-1009 FAX**

**GENERATING FACILITY**  
**5930 College Avenue**  
**Oakland, CA 94618**

TRANSPORTER  
HAJLER MUST COMPLETE

**NAME**  
**Poli Trucking**  
 ADDRESS  
**235 Rockwood Drive**  
 CITY, STATE, ZIP  
**S.S.F. CA 94080**  
 PHONE  
**415/ 589-7529**  
 SIGNATURE OF AUTHORIZED AGENT OR DRIVER  
 \**Sam*  
 DATE  
**10-1-96**

**NOTES:**  
**3443736**  
**1009785**

**TRUCK NUMBER**  
**F-79**

<input type="checkbox"/> END DUMP	<input type="checkbox"/> BOTTOM DUMP	<input checked="" type="checkbox"/> TRANSFER
<input type="checkbox"/> ROLL-OFF(S)	<input type="checkbox"/> FLAT-BED	<input type="checkbox"/> VAN
		<input type="checkbox"/> DRUMS

FACILITY REQUIREMENTS

**FORWARD INC. LANDFILL**

Forward shall have no obligation to accept the waste if weather or other conditions impair the safe and effective disposal of the waste or if the waste impairs the safe and effective operation of the Landfill. Forward shall use reasonable efforts to promptly notify Disposer of its inability to accept the waste for any reason. If Forward's refusal to accept the waste is based on weather or other site conditions, Forward shall notify the Disposer when site conditions are expected to change such that Forward will be able to accept the waste.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT  
 \*  
 DATE

**CUBIC YARDS:**

	DISPOSAL METHOD: (TO BE COMPLETED BY FORWARD)				
	DISPOSE	BIO	AERATE	STOCKPILE	OTHER
<input type="checkbox"/> SOIL					
<input type="checkbox"/> SLUDGE					
<input type="checkbox"/> NON-FRIABLE ASBESTOS					
<input type="checkbox"/> WOOD					
<input type="checkbox"/> ASH					
<input type="checkbox"/> OTHER					

SCHEDULING MUST BE MADE PRIOR TO 4:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE. TO SCHEDULE CALL (209) 982-4298

MANIFEST # C 20593

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.	
REPORT DATE 01 8 01 7 9 6		CASE #		SIGNED _____ DATE _____	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT <b>Eileen Eisenberg</b>		PHONE <b>(415) 512-1555</b>		SIGNATURE <i>Eileen Eisenberg</i>
	REPRESENTING <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME <b>Golden Gate Tank Removal</b>		
ADDRESS <b>255 Shipley Street San Francisco, CA 94107</b>					
RESPONSIBLE PARTY	NAME <input type="checkbox"/> UNKNOWN		CONTACT PERSON <b>William Sheaff</b>		PHONE <b>(415) 421-8098</b>
	ADDRESS <b>61 Dunbarton Court San Ramon, CA 94583</b>				
SITE LOCATION	FACILITY NAME (IF APPLICABLE)		OPERATOR -		PHONE ( )
	ADDRESS <b>5930 College Avenue, Oakland CA 94618</b>				
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME <b>Alameda Co. Health, Oak. Fire</b>		CONTACT PERSON <b>Jennefer Eberle</b>		PHONE <b>(510) 567-6700</b>
	REGIONAL BOARD				PHONE ( )
SUBSTANCES INVOLVED	(1) NAME <b>Gasoline</b>		QUANTITY LOST (GALLONS) _____ <input checked="" type="checkbox"/> UNKNOWN		
	(2) NAME <b>Waste oil</b>		QUANTITY LOST (GALLONS) _____ <input checked="" type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED 01 8 01 6 9 6		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN ____/____/____ <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER		
HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 01 8 01 6 9 6					
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CASE TYPE CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input checked="" type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY				
	REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input checked="" type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT) _____				
COMMENTS					





10/3/96

Golden Gate Tank Removal  
255 Shipley Street  
San Francisco, CA 94107

Project Name: 5930 College  
Project No.: 7189

Attention: John Carver

Mobile One Laboratories received and analyzed the following sample(s):

Date Received	Quantity	Matrix
09/25/96	5	soil

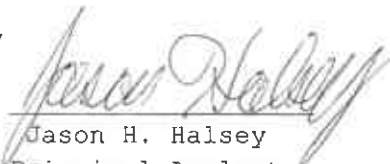
The samples were analyzed by one or more of the EPA methodologies or equivalent methods as specified below.

TPH -- CA DHS "Total Petroleum Hydrocarbons"  
BTEX -- EPA Method 8020  
TRPH -- EPA Method 418.1, modified for soils  
VOCs -- EPA Method 8260

The results are included with a summary of the quality control procedures. Please note that the symbol "nd" indicates a value below the reporting limit for the particular compound in the sample. Flags qualifying the data are explained in footnotes on the same report page as they occur.

Please feel free to call us to discuss any part of this report or to schedule future projects.

Sincerely,

  
\_\_\_\_\_  
Jason H. Halsey  
Principal Analyst

Mobile One Laboratories is certified by the California Department of Health Services (certificate #: 1194, 1561, 1921, 2088), and the Arizona Department of Health Services (certificate #: AZM466).

MOL Project # GGN22ARPT

Client: Golden Gate Tank Removal  
 Project: 5930 College, 7189

Matrix: soil

Method	TPH gasoline	TPH diesel	TRPH	Benzene	Toluene	Ethyl- benzene	Xylenes
Detection Limit (mg/kg)	1	10	10	0.005	0.005	0.005	0.015
<b>SAMPLE I.D.</b>							
Date Analyzed: 10/02/96							
7189-OE-1	1,400*	nd	1,700	9.8*	81*	14*	110*
7189-OE-2	840*	nd	320	3.3*	51*	12*	91*
7189-OE-3	nd	nd	21	nd	0.010	nd	0.027
7189-OE-4	430*	nd	240	0.93*	18*	4.6*	41*
7189-OE-5	1,400*	nd	1,100	2.2*	40*	14*	120*

nd = not found above the detection limit

& = gasoline range organics not identified as gasoline

# = diesel range organics not identified as diesel

\* = sample dilution was required. Detection limits were adjusted accordingly.

Analyses performed by: J. Halsey

GGN22ARPT

**QC Summary**

Client: Golden Gate Tank Removal  
Project: 5930 College, 7189

Matrix: soil

Method	TPH gasoline	TPH diesel	TRPH	Benzene	Toluene	Ethyl- benzene	Xylenes
APR - % QC Limits	(67-125)	(67-125)	(60-126)	(60-125)	(59-125)	(52-125)	(60-127)
RPD - % QC Limits	<30	<30	<30	<30	<30	<30	<30

Date Analyzed: 10/02/96

Spike Level (mg/kg)	1.3	83.6	20.5	0.100	0.100	0.100	0.200
MS Amount Found	1.13	83.6	21	0.088	0.102	0.087	0.181
MSD Amount Found	1.17	89.9	25	0.087	0.091	0.087	0.181
APR - %	88.5	103.8	112.2	87.5	96.5	87.0	90.5
RPD - %	3.5	7.3	17.4	1.1	11.4	0.0	0.0

Calibration verification was within acceptable limits.  
No contamination was found in method blanks at detectable levels.

GGN22ARPT



# CHAIN-OF-CUSTODY RECORD

MOL: 66N22A

Date: 10/2/96 Page 1 of 1

148 So. Vinewood Street, Escondido, CA 92029 (619) 735-3208 FAX (619) 735-2469

816 Church Street, San Francisco, CA 94114 (415) 920-9972 FAX (415) 920-9983

Client: Golden Gate Tank Removal  
 Site Address: 5930 College  
Oakland, CA  
 Project: 5930 College, 7189  
 Sampler (signature): [Signature]

Turnaround Requested:  
 Onsite/24-48 hrs.  
 Offsite  
 Other \_\_\_\_\_

Analysis Requested

TPH-4-8015M	TPHg-8015M (P&T)	BTEX-8020	TPHg/BTEX-8015M/8020	TRPH-418.1	8260 (VOC's-8240)	Matrix: Soil (S), Sludge (SL), Aqueous (W)	Number of containers
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Sample ID	Date	Time	Location	TPH-4-8015M	TPHg-8015M (P&T)	BTEX-8020	TPHg/BTEX-8015M/8020	TRPH-418.1	8260 (VOC's-8240)	Matrix: Soil (S), Sludge (SL), Aqueous (W)	Number of containers
7189-OE-1	10/1/96			X	X	X				S	1-BT
7189-OE-2				X	X	X				S	1-BT
7189-OE-3				X	X	X				S	1-BT
7189-OE-4				X	X	X				S	1-BT
7189-OE-5				X	X	X				S	1-BT
											5

1. RELINQUISHED BY: Signature: * <u>[Signature]</u> Printed Name: <u>John Corry</u> Company: <u>CGTR</u>		Date: <u>10/2/96</u> Time: <u>1650</u>	2. RELINQUISHED BY: Signature: * <u>[Signature]</u> Printed Name: <u>Jason Halsey</u> Company: <u>Mobile Oils</u>		Date: <u>10/2/96</u> Time: <u>1700</u>	3. RELINQUISHED BY: Signature: * _____ Printed Name: _____ Company: _____		Date: _____ Time: _____	Sample Receipt Intact: Yes No Seal Intact: Yes No Cold: Yes No N/A (Received on site)	Special Instructions
1. RECEIVED BY: Signature: * <u>[Signature]</u> Printed Name: <u>Jason Halsey</u> Company: <u>Mobile Oils</u>		Date: <u>10/2/96</u> Time: <u>1650</u>	2. RECEIVED BY: Signature: * <u>[Signature]</u> Printed Name: <u>John Corry</u> Company: <u>CGTR</u>		Date: <u>10/2/96</u> Time: <u>1700</u>	3. RECEIVED BY: Signature: * _____ Printed Name: _____ Company: _____		Date: _____ Time: _____		

\*Signature constitutes authorization to proceed with analysis and acceptance of conditions on back.

**Holding Times:** Holding times are carefully monitored by Mobile One Laboratories Inc. (MOL) since this is a vital part of quality control procedures. MOL will make every effort to perform analysis within the applicable holding times established by the EPA or equivalent methodology. However, samples and sample integrity are ultimately the responsibility of the client. MOL reserves the right to apply rush analysis surcharges to prices in order to meet holding time constraints.

**Sample Archiving:** MOL retains all samples received for a period of one month, including samples designated as "hold". Upon specific written request of the client, samples may be held for a defined period beyond one month. MOL reserves the right to charge for the extended holding of samples.

**Hazardous Samples:** Hazardous or difficult to dispose samples may be returned to the client. All samples received by MOL are subject to a per sample disposal fee.

**Reporting Results:** Analyses are reported in wet weight values. Dry weight values may be obtained when moisture content analysis is performed at an additional cost.

**Payment Terms:** Standard credit terms are net 30 days, and are independent of when clients are compensated. MOL reserves the right to require payment in advance until a credit application has been approved. Credit limits may at any time be increased or decreased, based upon payment history. Accounts over 30 days are subject to 1.5% per month interest (18% per annum). Delinquent accounts are liable for legal costs and fees incurred by MOL in its efforts to collect outstanding balances.

**Sample Collection:** MOL does not accept any liability with regard to the collection, preservation technique, or transportation method of samples by clients.

**Limit of Liability:** MOL strives to perform all services in accordance with the local standard of care in the geographic region at the time the services are rendered. Clients should recognize that all samples and sampling events are unique, and that not all samples can be successfully analyzed by generally accepted methods. If analysis proves unsuccessful, the total liability of MOL shall not exceed three times the invoiced amount for the services provided. This limit of liability shall supersede all clauses to the contrary, implied or otherwise, in any client purchase order or contract, unless different terms are authorized in advanced in writing by an officer of MOL.