ENVIRONMENTAL
PROTECTION
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TANK REMOVAL AND SOIL EXCAVATION REPORT

STD
345

Brooks Auto Service
1101 28th Street
Oakland, California

Project No. 1-10296

October 25, 1996

prepared for:

Mr. W. L. Race, Trustee (925) 935-4033
Under the Will of Robert Hudson Johnson, Deceased
P. O. Box 3345
Walnut Creek, California 94598

prepared by:

Tom Edwards & Associates
2243 Del Monte Drive
San Pablo, California 94806

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TANK REMOVAL AND SOIL EXCAVATION REPORT

1101 28th Street
Oakland, California

1.0 GENERAL SITE INFORMATION

1.1 SITE LOCATION

The subject property, called the "site" in this report, is located at the following address (see Plate 1, Site Vicinity Map):

1101 28th Street
City of Oakland
County of Alameda
State of California

1.2 PROPERTY OWNER

The current property owner is:

Mr. W. L. Race, Trustee (925) 935-4133
Under the Will of Robert Hudson Johnson, Deceased
P. O. Box 3345
Walnut Creek, California 94598

1.3 CONSULTANT OF RECORD

The consultant of record for this report is:

Tom Edwards & Associates (**TEA**)
2243 Del Monte Drive
San Pablo, California 94806

The consultant contact is Tom Edwards, owner. Mr. Edwards can be reached at (510) 724-2604.

The tank removal and soil removal contractor is:

Gene L. Failing (**Contractor**)
3924 Middletown Court
Campbell, California 95008

The contact for the contractor is Mr. Gene Failing, who can be reached at (408) 246-4217.

1.4 SITE DESCRIPTION AND CONDITION

The site is located in a residential area of Oakland south of the 28th Street and Chestnut Street intersection; see Plate 1, Site Vicinity Map. An auto repair shop, known as Brook's Auto, now occupies the site. A school is across Chestnut Street to the east and residences surround the site.

1.5 BACKGROUND

There were two underground fuel storage tanks located on the site. Three vent lines were observed prior to the removal of the tanks. However, only two tanks were located. The date of installation of the tanks is unknown and it is assumed they had been on site since the 1950's. One tank contained gasoline and a gasoline dispenser was located inside the shop area. The other tank contained waste oil.

It is the understanding of TEA that Mr. Sylvester Brooks has been the tenant operating an automobile repair shop for approximately eight years. For several years prior Mr. Floyd Jackson also operated an automobile repair shop. It is also noted that a Hancock Oil sign was present on the outside of the building within the last eight years

2.0 SCOPE OF WORK

The scope of work completed by the contractor included: 1) acquisition and completion of tank removal permits (see Attachment 1, Contractor Tank Removal Permits); 2) providing personnel and equipment to remove and properly dispose of one 700 gallon gasoline tank and one 700 gallon waste oil tank; and 3) later excavate soils found to be contaminated surrounding the former tanks.

The scope of work completed by TEA included: 1) providing project management and sampling services for the removal of the tanks and excavation of the contaminated soils, associated with the tanks; 2) document the field activities of the tank removal and soil excavation, and 3) writing this report summarizing the tank removal activities and presenting the methods and findings of the soil excavation and sampling.

The tasks completed for the tank removal and subsequent soil excavation agree with the guidelines of the local enforcing agency, the County of Alameda Department of Environmental Health and the chief State agency, the Regional Water Quality Control Board. Investigation and reporting guidelines applicable to leaking underground fuel tanks, available through these agencies, apply to the site.

3.0 TANK REMOVAL

The subject tanks were of 700 gallon capacity each. One had contained gasoline and the other waste oil. The locations of the tanks are indicated on Plate 2 attached.

On May 30, 1996 the contractor provided for the pumping of 150 gallons of residual waste oil remaining in the waste oil tank. The gasoline tank was empty and did not require pumping. The residual oil was pumped and transported by Erickson, Inc. of Richmond, California to Enviropure West (PRC) located in Patterson, California; see enclosed Attachment 2, Hazardous Waste Manifests.

On the same day the contractor exposed the tanks and related piping. The tanks were then purged with dry ice (to eliminate any explosion hazard). Mr. Brian Oliva from the Alameda County Department of Environmental Health and the Oakland City Fire Department inspector were present to witness the inerting of the tanks. The tanks were then removed from the excavation and loaded onto a truck and trailer to be transported to the Erickson, Inc. facility in Richmond, California; see Attachment 2, Hazardous Waste Manifests. Both tanks were corroded with holes as indicated in Mr. Oliva's inspection report. Upon removal of the tanks, one (1) soil sample was taken from beneath the center of the gasoline tank approximately 18 inches below the limits of the tank excavation. Two (2) soil samples were taken from beneath the waste oil tank; one from each former tank end, at approximately 18 inches below the limits of the tank excavation. In addition, four soil samples were taken from the stockpiled soil for laboratory compositing and analysis. The sample locations are shown on Plate 2 and are indicated in this report and on Plate 2 as SP-1, 2, 3 and 4, T1-W, T1-E and T-2. Sampling protocol is presented in Attachment 3, Sample Protocol.

4.0 SOIL ANALYSIS RESULTS OF TANK REMOVAL

The soil samples were submitted to a State-certified laboratory, Global Environmental Laboratory, Inc., of Fremont California for chemical analysis. Soil samples SP-1 thru Sp-4, T1-W and T1-E were chemically analyzed for Total Volatile Hydrocarbons as gasoline (TVHg), Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX), Total Extractable Hydrocarbons as diesel (TEHd), Total Oil and Grease (TOG), Cam 17 Metals (Metals), EPA Method 8010 (8010) and EPA Method 8270 (8270). Soil sample T-2 was chemically analyzed for TVHg and BTEX. The results are presented in Table 1, Soil Analysis Results of Tank Removal and in Attachment 4, Tank Removal Soil Sample Results and Sample Chain of Custody.

TABLE 1
SOIL ANALYSIS RESULTS OF TANK REMOVAL, MAY 30, 1996

	SP-1,2,3,4 COMPOSITE	T1-W	T1-E	T-2	SAMPLE DATE
TVH gasoline	50mg/kg	530mg/kg	120mg/kg	350mg/kg	05/30/96
BENZENE	ND	1500ug/kg	1500ug/kg	3500mg/kg	"
TOLUENE	ND	8100ug/kg	4100ug/kg	510ug/kg	"
ETHYLBENZENE	390ug/kg	7100ug/kg	1800ug/kg	1200ug/kg	"
XYLENES	1200ug/kg	35000ug/kg	9100ug/kg	4100ug/kg	"
TEH diesel	90mg/kg	870mg/kg	320mg/kg	NA	"
OIL AND GREASE	580mg/kg	1800mg/kg	1900mg/kg	NA	"
METHOD 8010	ND	ND	ND	NA	"
	SP-1,2,3,4 COMPOSITE	T1-W	T1-E	T-2	SAMPLE DATE
CAM 17 METALS barium	140mg/kg	120mg/kg	120mg/kg	NA	05/30/96
chromium	35mg/kg	29mg/kg	33mg/kg	NA	"
cobalt	8.7mg/kg	7.1mg/kg	8.9mg/kg	NA	"
copper	25mg/kg	18mg/kg	20mg/kg	NA	"
lead	10mg/kg	4.1mg/kg	3.5mg/kg	NA	"
nickel	61mg/kg	44mg/kg	43mg/kg	NA	"
vanadium	27mg/kg	24mg/kg	28mg/kg	NA	"
zinc	100mg/kg	110mg/kg	110mg/kg	NA	"
METHOD 8270 bis-phthalate	ND	ND	3.4mg/kg	NA	"
2methylinaphthalene	ND	20mg/kg	29mg/kg	NA	"
naphthalene	9.9mg/kg	21mg/kg	25mg/kg	NA	"
phenanthrene	ND	ND	2.0mg/kg	NA	"

ND= NOT DETECTED AT OR ABOVE REPORTING LIMIT
NA = NOT ANALYZED

The chemical analysis results reveal TEH, TVH, BTEX and TOG levels above regulatory agency guidelines in all samples.

5.0 EXCAVATION OF SOIL BY CONTRACTOR

Upon receipt of the laboratory analysis, Client and TEA submitted a workplan to the Alameda County Department of Environmental Health describing the over-excavation of contaminated soils surrounding the former underground tanks. Upon the approval of Mr. Dale Klettke, TEA scheduled the field work for October 11, 1996. On this date at 0700, the Contractor began soil removal activities. TEA personnel were present on site to witness the excavation activities and recover soil samples. The excavation activities continued until approximately 27 cubic yards of contaminated soil were removed. It was evident by field observation and OVA field analysis that the contamination had spread farther vertically and horizontally than was anticipated. The previously stockpiled soil and excavated soil was transported to Browning Ferris Industries landfill in Livermore by a licensed transporter. See Attachment 2, Hazardous Waste Manifests.

On October 11, 1996 TEA personnel recovered 5 soil samples for field testing and 3 soil samples for chemical analysis. All field samples were collected from the bottom, surface and sidewalls of the excavation as the removal of soil progressed. The field samples were contained in plastic zip-lock bags to assure containment of vapors. The probe from the OVA was inserted into the bag for a period no longer than two minutes. All readings were above 3000 parts per million (ppm). These readings and field observations indicated that the spread of contamination was more severe than anticipated. Upon the removal of approximately 30 cubic yards of soil, two bottom soil samples were taken and excavation activities were stopped. It was decided that further excavation would jeopardize the integrity of the building foundation and undermine the existing sidewalk. Petroleum staining and odors were obvious at all depths and areas throughout the excavation.

Three soil samples were taken for chemical analysis. Sample SS-1 was taken from beneath the concrete surface and adjacent to the former dispenser. Samples SS-2 and SS-3 were taken at a depth of 10 feet below surface grade (assumed groundwater interface) at the southern and northern most extent of the excavation. The three (3) soil samples were submitted to Global Environmental Laboratory, Inc. to be chemically analyzed for TVHg, TEHd, BTEX, Oil and Grease and MTBE. Results of the chemical soil analyses are presented in the following Table 2, Chemical Analysis Results of Excavation Samples and in Attachment 5, laboratory Results and Sample Chain of Custody for the Excavation Samples.

TABLE 2
CHEMICAL ANALYSIS RESULTS OF EXCAVATION SAMPLES, OCTOBER 11, 1996

	SS-1	SS-2	SS-3	VS-1	VS-2	VS-3	VS-4	VS-5
TVH gas	20,000 mg/kg	175 mg/kg	9.0 mg/kg	NA	NA	NA	NA	NA
TEH diesel	13,000 mg/kg	150 mg/kg	4.6 mg/kg	NA	NA	NA	NA	NA
BENZENE	13,000 ug/kg	140 ug/kg	6.2 ug/kg	NA	NA	NA	NA	NA
TOLUENE	220,000 ug/kg	930 ug/kg	7.5 ug/kg	NA	NA	NA	NA	NA
ETHYL-BENZENE	110,000 ug/kg	1,600 ug/kg	14 ug/kg	NA	NA	NA	NA	NA
XYLENES	1,250,000 ug/kg	5,500 ug/kg	59 ug/kg	NA	NA	NA	NA	NA
TOG	ND	540mg/kg	60mg/kg	NA	NA	NA	NA	NA
MTBE	ND	ND	ND	NA	NA	NA	NA	NA
OVA				10,000ppm	4,500ppm	3,500ppm	3,000ppm	3,500ppm

ND = NOT DETECTED AT OR ABOVE REPORTING LIMIT
NA = NOT ANALYZED / NOT APPLICABLE

The chemical analysis results reveal levels of petroleum contamination above regulatory action levels. The results indicate that the excavation of contaminated soils was not successful in removing all of the contaminated soils. High levels of diesel and gasoline constituents were found at the ground surface adjacent to the dispenser. This soil was not removed because of budget constraints and possible jeopardy to the integrity of the building foundation. In addition, after approximately two hours, water was observed in the excavation at the bottom (10 feet) of the excavation. Therefore, it is assumed that the samples taken at a 10 foot depth were at the water interface.

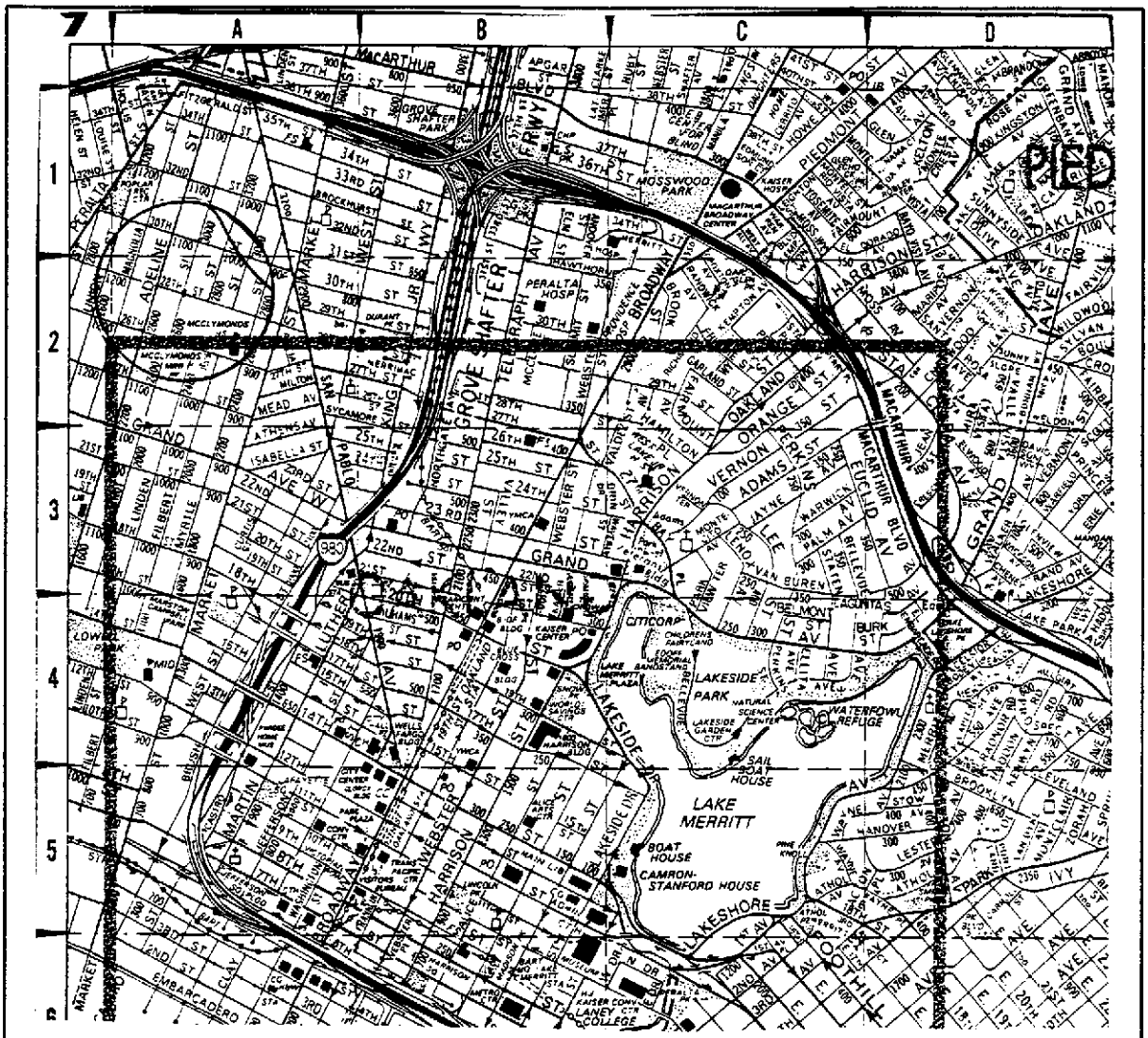
The stockpiled overburden and excavated soils were loaded onto licensed trucks and transported to the BFI landfill located in Livermore, California for disposal. The excavation remains open and is properly marked and fenced.

TEA recommends that a groundwater monitoring well be installed, developed, purged and sampled within approximately ten (10) feet from the excavation in the assumed down-gradient direction to determine possible impact to groundwater. The excavation should be lined with visqueen and back filled with pea gravel to prevent cave in and loss of foundation and sidewalk integrity. Removal of contaminated soils adjacent to the dispenser to a depth of approximately six

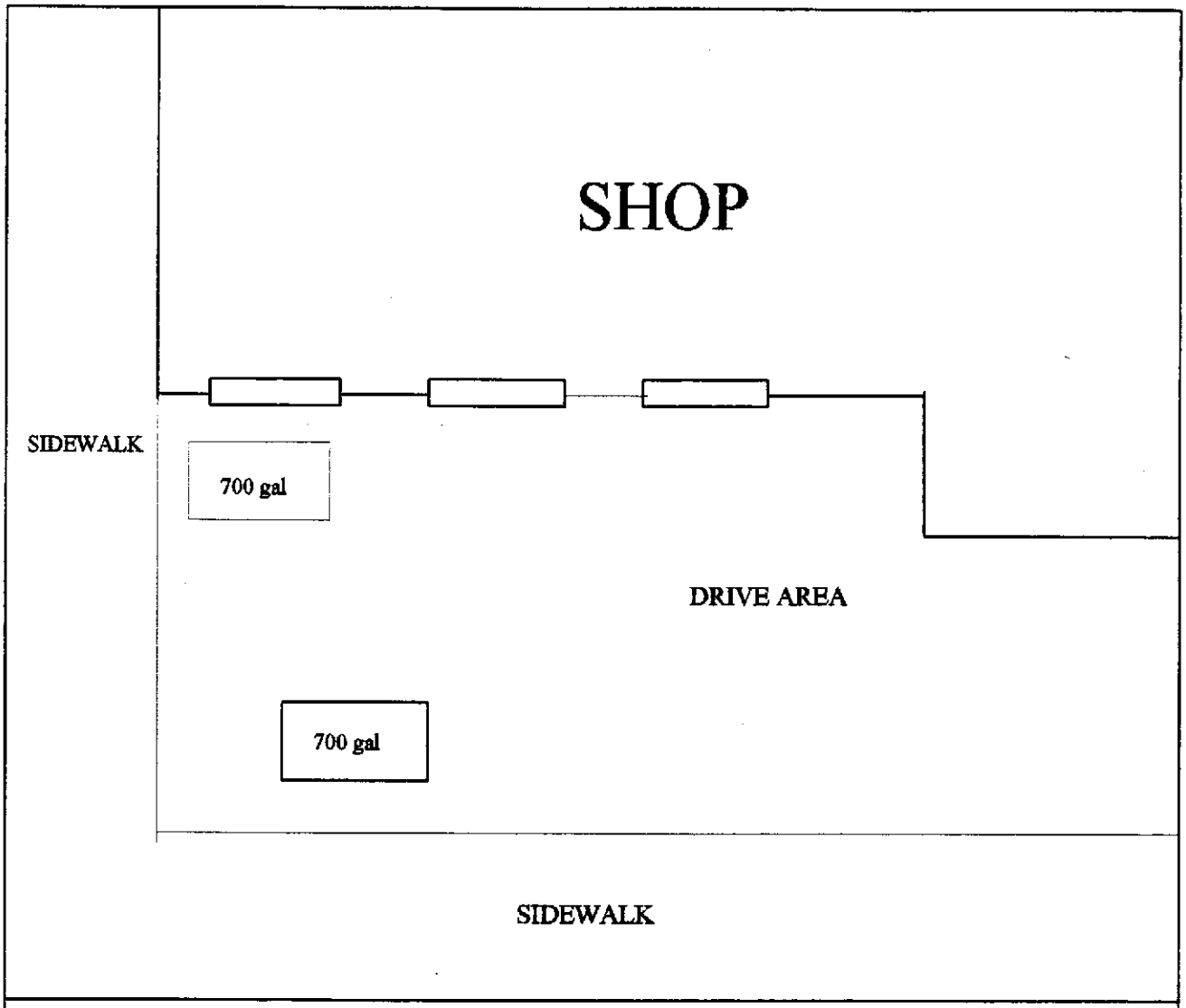
feet may be appropriate once the present excavation is back filled.

6.0 LIMITATIONS

The conclusions and professional opinions presented in this report agree with generally accepted practice as outlined in the guidelines of the California Regional Water Quality Control Board for addressing fuel leaks from underground tanks. The chemical analysis results are based on limited data collected at the sampling location only and such conditions may not necessarily apply to the general site as a whole, therefore TEA cannot have complete knowledge of the underlying conditions. The information supplied in this report is provided to the client in order that the client may make a more informed decision as to site conditions. The professional opinion and judgement expressed herein is subject to revision in light of new information. No guarantees or warranties are expressed or implied that the property is or is not free of environmental impairment.

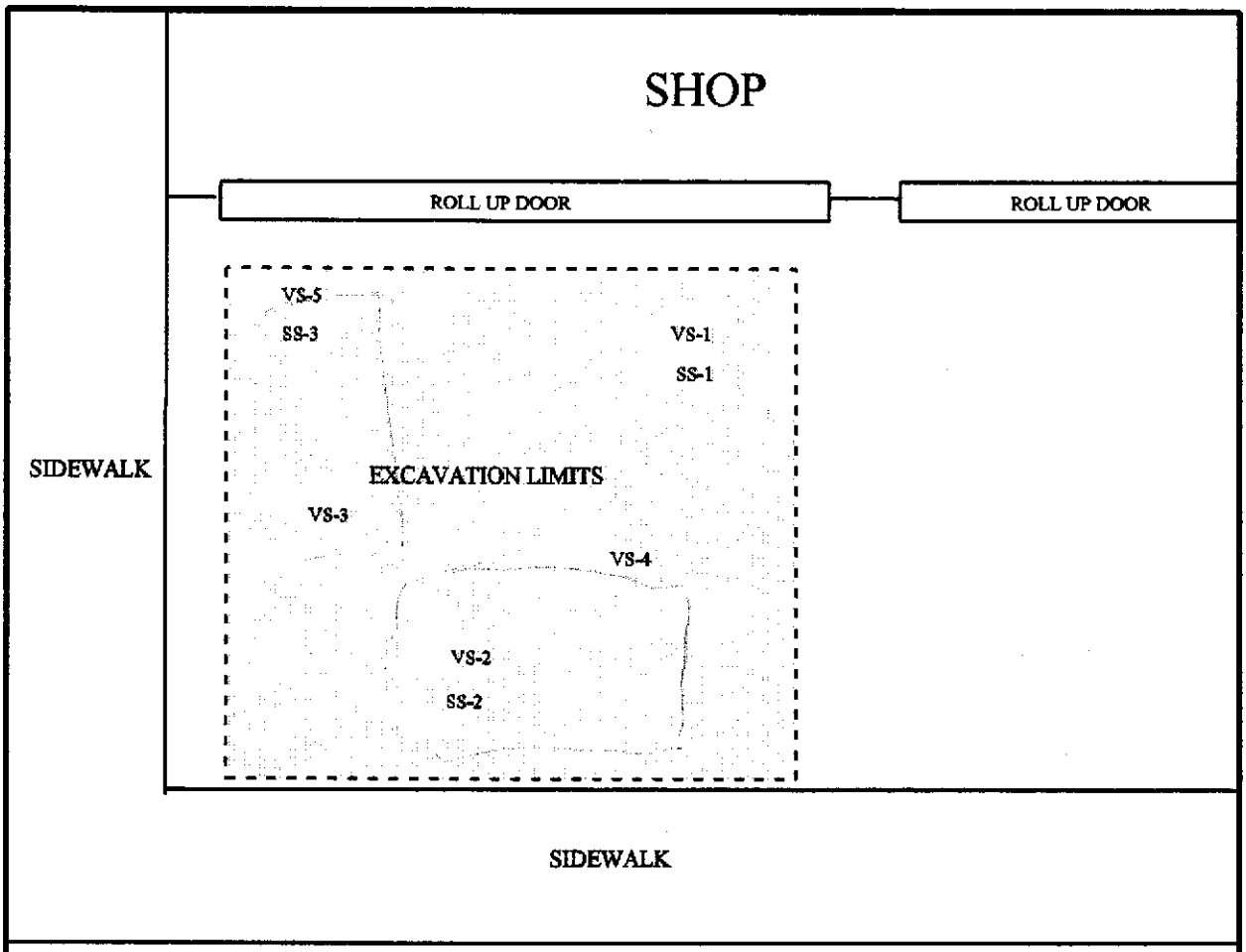


Tom Edwards & Associates 2243 Del Monte Drive San Pablo, California			SITE VICINITY MAP 1101 28th Street Oakland, California
Proj. No. 110296	Not To Scale	Drawn By: TEE	Plate Number 1



28TH STREET

Tom Edwards & Associates 2243 Del Monte Drive San Pablo, California		SITE PLAN 1101 28th Street Oakland, California	
Proj. No. 110296	Not To Scale	Drawn By: TEE	Plate Number 2



28th Street

Tom Edwards & Associates
2243 Del Monte Drive
San Pablo, California

EXCAVATION PLAN
1101 28th Street
Oakland, California

Proj. No. 110296	Not To Scale	Drawn By: TEE	Plate Number 3

ATTACHMENT 1

TANK REMOVAL PERMITS

#345

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: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☒ 7 PERMANENTLY CLOSED SITE ☐ 8 TEMPORARY SITE CLOSURE

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

DBA OR FACILITY NAME	NAME OF OPERATOR	
Brook's Auto Service	Sylvester Brooks	
ADDRESS: 1101 28th St	NEAREST CROSS STREET: Ettie	PARCEL # (OPTIONAL)
CITY NAME: Oakland	STATE: CA / ZIP CODE: 94608	SITE PHONE # WITH AREA CODE: None

✓ BOX TO INDICATE: ☐ CORPORATION ☒ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY DISTRICTS * ☐ COUNTY-AGENCY * ☐ STATE-AGENCY * ☐ FEDERAL-AGENCY *

* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST _____

TYPE OF BUSINESS	☐ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE	E. P. A. I. D. # (optional)
☐ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☒ 5 OTHER	☐	0 ~~3~~ 4	

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST): Gene L Failing	PHONE # WITH AREA CODE: 408 246 4217	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST): Tom Edwards & Associates	PHONE # WITH AREA CODE: 510 724 3121	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME	CARE OF ADDRESS INFORMATION		
MR W.L Raee "Trustee"			
MAILING OR STREET ADDRESS: P.O Box 3345	✓ box to indicate: ☒ INDIVIDUAL ☐ CORPORATION ☐ PARTNERSHIP	☐ LOCAL-AGENCY ☐ COUNTY-AGENCY	☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: Walnut Creek	STATE: CA / ZIP CODE: 94598	PHONE # WITH AREA CODE	

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER	CARE OF ADDRESS INFORMATION		
M R W.L. Raee "Trustee"			
MAILING OR STREET ADDRESS: P.O. Box 3345	✓ box to indicate: ☒ INDIVIDUAL ☐ CORPORATION ☐ PARTNERSHIP	☐ LOCAL-AGENCY ☐ COUNTY-AGENCY	☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: Walnut Creek	STATE: CA / ZIP CODE: 94598	PHONE # WITH AREA CODE	

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ 44- [ ][ ][ ][ ][ ][ ]

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 4.k.

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

OWNER'S NAME (PRINTED & SIGNED)	OWNER'S TITLE	DATE MONTH/DAY/YEAR
Gene L Failing	Contractor	04-24-96

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #	
01	000	301345	6/4/96

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.

OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

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 ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Brooks Auto Service

I. TANK DESCRIPTION
COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # UK	B. MANUFACTURED BY: UK
C. DATE INSTALLED (MO/DAY/YEAR) UK	D. TANK CAPACITY IN GALLONS: ~~500~~ 750

II. TANK CONTENTS
IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☒ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☒ 95 UNKNOWN

B. ☐ 1 PRODUCT ☒ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 M85 ☐ 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 ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☒ 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 OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☒ 6 UNLINED ☐ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

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

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) None OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) None
DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ___

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 4 FLEXIBLE PIPING 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 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER

V. TANK LEAK DETECTION

☒ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL?
UK	UK GALLONS	YES ☐ NO ☒

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

TANK OWNER'S NAME (PRINTED & SIGNATURE)	DATE
Gene L Failing Gene L Failing Contractor	04 24 96

LOCAL AGENCY USE ONLY
THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	01	000	30245	00001

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

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 ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Brooks Auto Service

I. TANK DESCRIPTION
COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # UK	B. MANUFACTURED BY: UK
C. DATE INSTALLED (MO/DAY/YEAR) UK	D. TANK CAPACITY IN GALLONS: ~~500~~ 750

II. TANK CONTENTS
IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☒ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☒ 95 UNKNOWN

B. ☐ 1 PRODUCT ☒ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 M85 ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED Waste oil 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 ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☒ 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 OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

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

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) None OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) None
DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ___

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 4 FLEXIBLE PIPING	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 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER ___

V. TANK LEAK DETECTION

☒ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING
☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING	3. WAS TANK FILLED WITH INERT MATERIAL?
UK	UK GALLONS	YES ☐ NO ☒

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

TANK OWNER'S NAME (PRINTED & SIGNATURE)	DATE
General Filling Station Leaking Contractor	04-24-96

LOCAL AGENCY USE ONLY
THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	01	000	300345	000002

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

This Shipping Order Must be legibly filled in, in ink, in indelible Pencil, or in Carbon and retained by the Agent.

W. L. Rase - Trustee
1101 - 28th Street

Shipper's No.

Carrier

Agent's No. 0920

RECEIVE, subject to the classifications and tariffs in effect on the date of the issue of this Shipping Order.

at Oakland, Calif. 5-30 19 96 from Gene L. Failing

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout the contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee–For purposes of notification only.)

Consigned to Erickson, Inc. 255 Parr Blvd.

Destination Richmond, (Street / City) State of Calif. Zip Code 94801 County of Contra Costa

Routing Dexanna Delivering Carrier Dexanna Vehicle or Car Initial 2 No. T-1

Collect On Delivery

$ _____ and remit to: _____

_____ Street _____ City _____ State

C. O. D. charge to be paid by { Shipper ☐ Consignee ☐

No. Packages	Description of Articles, Special Marks, and Exceptions	*Weight (Sub. to Cor.)	Class or Rate	Check Column
2	Waste Empty Storage Tanks NON-RCRA Hazardous Waste Solid. Manifest # 95269936 Tank #'s 17963, 17964, [redacted] Loading Time: 14:00 to 15:00 = 1 Hr.	1500 lbs.		

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor.)

If charges are to be prepaid, write or stamp here. "TO BE PREPAID."

Received $ _____ to apply to prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(the signature here acknowledges only the amount Prepaid.)

Charges Advanced:

$ _____

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight." NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

Gene L. Failing Shipper, Per _____

Permanent post-office address of shipper.

Dexanna Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

ATTACHMENT 2

HAZARDOUS WASTE MANIFESTS, CERTIFICATES OF DISPOSAL

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAC001160280
Manifest Document No.: 93381
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.
FILE

3. Generator's Name and Mailing Address: WL. RACE, P.O. BOX 3345, ~~OAKLAND, CA 94608~~ WALNUT CREEK, CA 94595
4. Generator's Phone ( )

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: ~~ENVIROPURE WEST~~ - PRC Patterson, Inc.
13331 NORTH HWY 33
PATTERSON, CA 95363
10. US EPA ID Number: CAD08316672[8]

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
a. WASTE Oil + WATER	001	TT	00150	G
b.				
c.				
d.				

Petroleum Recycling Corporation certifies that the above mentioned waste(s), more specifically identified by reference to the waste manifest set forth above. ~~Was were recycled in accordance with~~ the provisions of 40CFR261.6 and 23.4 pursuant to 40CFR261.3(c)(2) hazardous waste generated from the recycling efforts was also recycled in accordance with the provision of 40CFR266 Subpart D.
PETROLEUM RECYCLING CORPORATION

15. Special Handling Instructions and Additional Information
WEAR PROPER PROTECTIVE CLOTHING ERG: 31
E - OE job#
EMERGENCY RESPONSE CONTACT
EMERGENCY RESPONSE PHONE

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: Gene L Failing Contractor | Signature: [signature] | Month 05 Day 30 Year 96

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bob Hill | Signature: [signature] | Month 05 Day 30 Year 96

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: | Signature: | Month Day Year

19. Discrepancy Indication Space
Actual gals. per wt. tag: 281

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: R.M. [illegible] | Signature: [signature] | Month 05 Day 30 Year 96

DO NOT WRITE BELOW THIS LINE.

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

95893381

DTSC-8022A (1/95)
EPA 8700—22

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
(Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.)

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 4

76136 L

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC001160230 — Manifest Document No. 00920 — 2. Page 1 of 1

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

3. Generator's Name and Mailing Address: W. L. Rase - Trustee
P.O. Box 3345 - Walnut Creek, California 94598

4. Generator's Phone (510) 724-3121

A. State Manifest Document Number: 95269936

B. State Generator's ID:

5. Transporter 1 Company Name: Dexanna

6. US EPA ID Number: CAD982438566

C. State Transporter's ID:

D. Transporter's Phone: (510) 687-1292

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: Erickson, Inc. - 255 Parr Blvd.
Richmond, California 94801

10. US EPA ID Number: CAD009466392

G. State Facility's ID: CAD009466392 (DS)

H. Facility's Phone: (510) 235-1393

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	I. Waste Number
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.	002	T	P 01400	P	State 512 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above: Qty. 2 Empty Storage Tanks # 17963, 17964, & _____. Tanks have been inerted with 15 lbs. DRY ICE per 1000 gallons capacity.

K. Handling Codes for Wastes Listed Above: a: 01 b: c: d:

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition.
Site Location: 1101 - 28th Street Oakland, California
24 Hr. Contact Name: Tom Edwards Phone # (510) 724-3121

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.

GENERATOR — Printed/Typed Name: Tom Edwards (Representative) — Signature: [signature] — Month 05 Day 30 Year 96

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: James R. Cox — Signature: James R. Cox — Month 05 Day 30 Year 96

TRANSPORTER — 18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: — Signature: — Month Day Year

FACILITY — 19. Discrepancy Indication Space

FACILITY — 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Printed/Typed Name: DAVID SATO — Signature: DAVE SATO — Month 05 Day 30 Year 96

DO NOT WRITE BELOW THIS LINE.

DHSC 8022A (9/94)
STD. 8700—22

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
(Generators who submit hazardous waste for transport out-of-state.

CALIFORNIA EMERGENCY SPILL NOTIFICATION RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 24294

CUSTOMER
GENE L. FAILING

JOB NO.
968364

FOR: ERICKSON INC. TANK NO. 17963

LOCATION: RICHMOND DATE: 06/06/96 TIME: 09:41 AM

TEST METHOD VISUAL/GASTECH (O2/LEL METER) LAST PRODUCT USED OIL

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 700 GALLON CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9%, LOWER EXPLOSIVE LIMIT (LEL) 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 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.

Patricia Chapo — REPRESENTATIVE

TITLE

Dave Sato — INSPECTOR

CR5005

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 24295

CUSTOMER: GENE L. FAILING
JOB NO.: 968364

FOR: ERICKSON INC. TANK NO. 17964

LOCATION: RICHMOND DATE: 06/06/96 TIME: 09:43 AM

TEST METHOD VISUAL/GASTECH (O2/LEL METER) LAST PRODUCT LG

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 700 GALLON CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9%, LOWER EXPLOSIVE LIMIT (LEL) 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 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

CR5995

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

Dump Tag # 872.468

No. 908662

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

Section I GENERATOR (Generator completes a-g)

a. Generator Name: W L Race Jewelers
b. Generating Location: Brooks Auto Service
c. Address: P.O. Box 3345, Walnut Creek 94598
d. Address: 1101 28th St, Oakland Calif. 94608
e. Phone No.: NA
f. Phone No.: NA

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: 5109354133
h. Owner's Phone No.:

i. BFI WASTE CODE: CA 405 100896 CO2343 Containers

j. Description of Waste: Pb Soil

k. Quantity: 204 Units: Y No.: 01 TYPE: TT

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M^3 - CUBIC METERS
Y^3 - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Gene L Failing — Gene L Failing — 10/1/96
Generator Authorized Agent Name — Signature — Shipment Date

Section II TRANSPORTER (Generator completes a-g; Transporter completes h-n)

TRANSPORTER I

a. Name: Brink Petroleum
b. Address: 930 Ames St. Via WSP Milpitas Ca.
c. Driver Name/Title: Lee Sault Driver (PRINT/TYPE)
d. Phone No.: (408) 942-5686 e. Truck No.: G1
f. Vehicle License No./State: 9A17140 Calif
Acknowledgement of Receipt of Materials.
g. Lee Sault — 10/1/96
Driver Signature — Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.: l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature — Shipment Date

Section III DESTINATION (Receiving facility completes a-f)

a. Site Name: BFI Landfill
b. Physical Address: 4001 Vasco Rd Livermore Calif.
c. Phone No.:
d. Mailing Address
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — Receipt Date

Section IV ASBESTOS (Generator complete a-d, f, g; Operator* completes e.)

a. Operator's* Name: b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'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 government regulations.

e. Operator's* Name & Title: (Print/Type) — Operator's Signature — Date
f. Name and Address of Responsible Agency:
g. ☐ Friable; ☐ Non-friable; ☐ Both ____ % friable ____ % nonfriable

Permit ID# 235 452

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

VASCO ROAD SANITARY LANDFILL No: 872468 / 908662

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 10-11-96 Time In: 12:25:57 Time Out: 12:25:57
Ticket # : A75817 CMS # : 1012137 LMS #: 1012137
Customer : FAILING, GENE L. & SON
Vehicle # : 000061 Lic Plate:
SPECIAL
Manifest # : 908662 PO #: Transporter: 0
Source Cd : Generator : RAC W L RACE
Comment : Operator: MARK
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 34.07 Tare Wt: 15.71 Net Wt: 18.36 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00243	SOIL	14.00	18.36 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permanecerən en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

BFI

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

Dump 872603 Tag

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 908663

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: [illegible] Trustee b. Generating Location: Brooks Auto Service
c. Address: PO Box 3345 d. Address: 1101 23th Street
Walnut Creek Oakland Calif.
e. Phone No.: Zip Code [illegible] f. Phone No.: Zip 94608
If owner of the generating facility differs from the generator, provide:
g. Owner's Name: 5109254133 h. Owner's Phone No.:
i. BFI WASTE CODE CA 405 100896 00243 Containers
j. Description of Waste: PC Soil k. Quantity 20 Units Y No. 01 TYPE T

TYPE	
DM	METAL DRUM
DP	PLASTIC DRUM
B	BAG
BA	6 MIL. PLASTIC BAG or WRAP
T	TRUCK
O	OTHER

UNITS	
P	POUNDS
Y	YARDS
M^3	CUBIC METERS
Y^3	CUBIC YARDS
O	OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Gene [illegible] — Generator Authorized Agent Name | [signature] — Signature | 10/1/96 — Shipment Date

Section II — TRANSPORTER (Generator completes a-f; Transporter I completes g; Transporter II completes h-n)

TRANSPORTER I

a. Name: Balch Petroleum
b. Address: 930 Ames St.
Milpitas Ca
c. Driver Name/Title: Lee Sault driver (PRINT/TYPE)
d. Phone No.: (408) 942-[illegible] e. Truck No.: 41
f. Vehicle License No./State: [illegible] Calif
Acknowledgement of Receipt of Materials.
g. Lee Sault — Driver Signature | 10/1/96 — Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.: l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature | Shipment Date

Section III — DESTINATION (Generator completes a-d; Site completes e-f)

a. Site Name: BFI Landfill c. Phone No.:
b. Physical Address: 1601 Vasco Rd d. Mailing Address
Livermore Ca
e. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
f. Name of Authorized Agent | Signature | 10/1/96 — Receipt Date

Section IV — ASBESTOS (Generator complete a-d, f, g. Operator* completes e.)

a. Operator's* Name: b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'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 government regulations.

e. Operator's* Name & Title: (Print/Type) Operator's Signature Date
f. Name and Address of Responsible Agency:
g. ☐ Friable; ☐ Non-friable; ☐ Both ______ % friable ______ % nonfriable

[illegible] 815 [illegible]

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

VASCO ROAD SANITARY LANDFILL No: 872603 / 908663 Form

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 10-11-96 Time In: 15:25:25 Time Out: 15:25:25
Ticket # : A75954 CMS # : 1012137 LMS #: 1012137
Customer : FAILING, GENE L. & SON
Vehicle # : 000861 Lic Plate:
SPECIAL
Manifest # : 908663 PO #: BROOKS Transporter: 0
Source Cd : Generator : RAC W L RACE
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 36.52 Tare Wt: 15.71 Net Wt: 20.81 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00243	SOIL	16.00	20.81 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninôs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

DRIVER

BFI NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

OT #872350 #1

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 908687

Section I — GENERATOR

a. Generator Name: W L Race Trustees b. Generating Location: Brooks Auto Service
c. Address: P.O Box 3345 d. Address: 1101 28th st
Walnut Creek 94598 Oakland Ca 94608
e. Phone No.: f. Phone No.: N.A.
If owner of the generating facility differs from the generator, provide:
g. Owner's Name: 510 935 4133 h. Owner's Phone No.:

i. BFI WASTE CODE: CA 405 100796 00243 Containers

j. Description of Waste: Soil (PC) k. Quantity: 20 Y No. 1 TYPE: TT

TYPE:
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS:
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, **if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Generator Authorized Agent Name: Gencl Faiting Signature: [signature] Shipment Date: 10/1/96

Section II — TRANSPORTER

TRANSPORTER I	TRANSPORTER II
a. Name: Belch Petroleum	h. Name:
b. Address: 430 Amee ST Milpitas Ca (via WSP)	i. Address:
c. Driver Name/Title: Lee Sault Driver (PRINT/TYPE)	j. Driver Name/Title: (PRINT/TYPE)
d. Phone No.: (408) 942-8881 e. Truck No.:	k. Phone No.: l. Truck No.:
f. Vehicle License No./State: Cal 4417140	m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.	Acknowledgement of Receipt of Materials.
g. Driver Signature: Lee Sault Shipment Date: 10/1/96	n. Driver Signature: Shipment Date:

Section III — DESTINATION

a. Site Name: Vasco Rd c. Phone No.:
b. Physical Address: Livermore Ca. d. Mailing Address:

e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent: Signature: [signature] Receipt Date: 10/1/96

Section IV — ASBESTOS (Generator complete a-d, f, g. Operator* completes e.)

a. Operator's* Name: b. Operator's* Phone No.:
c. Operator's* Address:
d. Special Handling Instructions and additional information:

OPERATOR'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 government regulations.

e. Operator's* Name & Title: (Print/Type) Operator's Signature Date
f. Name and Address of Responsible Agency:
g. ☐ Friable; ☐ Non-friable; ☐ Both ______ % friable ______ % nonfriable

(E 1) #115320

* Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

VASCO ROAD SANITARY LANDFILL No: 872350

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

BFI # 908667

(#1)

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 10-11-96 Time In: 09:51:42 Time Out: 10:06:22
Ticket # : A75694 CMS # : 1012137 LMS #: 1012137
Customer : FAILING, GENE L. & SON
Vehicle # : 000861 Lic Plate:
SPECIAL
Manifest # : 908667 PO #: BROOKS Transporter: 0
Source Cd : Generator : RAC W L RACE
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 34.88 Tare Wt: 15.71 Net Wt: 19.17 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00243	SOIL	15.00	19.17 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Niños deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

ATTACHMENT 3

SAMPLE PROTOCOL

SAMPLING PROTOCOL

1.0 SOIL SAMPLES

1. The soil sampling will commence at selected depths below surface grade. If applicable, soil samples will be recovered form lithologic changes, obvious soil contamination areas, and/or from soil - groundwater interfaces.

2. Soil samples from excavation limits (bottom and sidewalls) will be recovered in the bucket of a backhoe. Care will be taken to recover relatively non-disturbed soils from the excavation sample points. A representative bucket of soil will be brought to the surface to recover a soil sample. A clean brass or stainless steel liner will be driven, with a clean mallet, into relatively non-disturbed soil in the backhoe bucket. The liner will be driven into the soil materials until no head space remains in the liner. The liner will be immediately sealed with a teflon circle (or equivalent), capped with a plastic end cap, then sealed with aluminized tape. The samples will be labeled and stored on ice for delivery to the analytical laboratory.

3. All samples retained for chemical analysis will be stored on ice in a clean, covered cooler-box for transport to the laboratory . Duplicate samples, if any, will also be transported to the laboratory and refrigerated.

2.0 SAMPLE RECORDS AND CHAIN OF CUSTODY

1. Sample records for each sample will contain information on sample type and source; sampling date; location; significant conditions that may impact the sampling; laboratory name; and sampling method.

2. A chain of positive, signature custody and transference will be strictly maintained at all times.

3. A hard copy of the laboratory sample results and the completed chain of custody will be provided with the technical report.

ATTACHMENT 4

TANK REMOVAL SOIL SAMPLE RESULTS AND SAMPLE CHAIN OF CUSTODY

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

DHS (LUFT) TPH-BTEX REPORT
(ug/kg)

Client: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 95008
Project: 1-10296
Matrix: Soil

Date Sampled: 5-30-96
Date Recieved: 5-31-96
Date Analyzed: 6-5-96
Date Reported: 6-10-96
Lab Job #: 960531A

Client I.D.	Lab. I.D.	Benzene	Toluene	Ethyl Benzene	Total Xylenes	DF
SP-1,-2,-3,-4	960531A01-04	ND	ND	390	1200	1
TI-W	960531A05	1500	8100	7100	35000	1
TI-E	960531A06	1500	4100	1800	9100	1
T2	960531A07	3500	510	1200	4100	1
Units		ug/kg	ug/kg	ug/kg	ug/kg	
Reporting Limits		5ug/kg	5ug/kg	5ug/kg	5ug/kg	

ND Not Detected. All analytes recorded as ND were found to be at or below the Reporting Limit.

Reviewed By:

Lei Chen, Laboratory Director

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

DHS (LUFT) TPH-GASOLINE REPORT
(mg/kg)

Client:	Mr. Tom Edwards	Date Sampled:	5-30-96
	Tom Edwards Association	Date Recieved:	5-31-96
	2243 Delmonte Dr.	Date Analyzed:	6-5-96
	San Pablo, CA 95008	Date Reported:	6-10-96
Project:	1-10296	Lab Job #:	960531A
Matrix:	Soil		

Client I.D.	Lab. I.D.	8015M GASOLINE	DF
SP-1,-2,-3,-4	960531A01-04	**50**	1
TI-W	960531A05	**530**	1
TI-E	960531A06	**120**	1
T2	960531A07	**350**	1
Units		mg/kg	
Reporting Limit		1.0 mg/kg	

ND Not Detected. All analytes recorded as ND were found to be at or below the Reporting Limit.

Reviewed By:

Lei Chen, Laboratory Director

EPA METHOD TEST QA/QC TABLE

GLOBAL PROJECT #: 960531A

Lab I.D.:	960601A-SP	Analytical Method:	EPA M8015
Client Project:	1-10296	Analysis date:	06-05-96
Ext/Prep. Method:	EPA 5030	Matrix:	Soil
Date:	06-05-96	Unit:	ug/kg

Analyte	Sample Result	Spike Level	Matrix Spike Result	MS Recovery %	Matrix Spike Dul. Result	MSD Recovery %	Average Recovery %R	LCL %R	UCL %R	RPD %	UCL %RPD
Benzene	0.00	50.00	47.20	94	47.25	95	94	66	142	0	21
Toluene	0.00	50.00	48.08	96	48.38	97	96	59	139	1	21
Chlorobenzene	0.00	50.00	47.85	96	48.03	96	96	60	133	0	21
Gasoline	0.00	2500.00	2975.00	119	2892.50	116	117	60	133	3	30

Notes:
Sample Result-Concentration of Sample which is to used for Sample Spike & Sample Spike Duplicate
Spike Level- Level of Concentration Added to the Sample
MSP Result- Matrix Spike Result
MSP %R- Matrix Spike Percent Recovery
MSPD Result- Matrix Spike Duplicate Result
MSPD %R- Matrix Spike Dublicate Percent Recovery
AVG. %R - Average Recovery for MSP & MSPD % Recovery
LCL- Lower Criteria Level
UCL- Upper Criteria Level
RPD- Relative Percent Difference

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

DHS (LUFT) TPH-DIESEL REPORT
(mg/kg)

Client:	Mr. Tom Edwards	Date Sampled:	5-30-96
	Tom Edwards Association	Date Recieved:	5-31-96
	2243 Delmonte Dr.	Date Analyzed:	6-4-96
	San Pablo, C 95008	Date Reported:	6-10-96
Project:	1-10296	Lab Job #:	960531A
Matrix:	Soil		

Client I.D.	Lab. I.D.	8015M Diesel	DF
SP-1,-2,-3,-4	960531A01-04	90	1
TI-W	960531A05	870	1
TI-E	960531A06	320	1
Units		mg/kg	
Reporting Limit		1.0 mg/kg	

ND Not Detected. All analytes recorded as ND were found to be at or below the Reporting Limit.

Reviewed By:

Lei Chen, Laboratory Director

EPA METHOD TEST QA/QC TABLE

GLOBAL PROJECT #: 960531A

Lab I.D.:	960531A-MSP	Analytical Method:	EPA M8015
Client Project:	1-10296	Analysis date:	06-04-96
Ext/Prep. Method:	EPA 3550	Matrix:	Soil
Date:	06-04-96	Unit:	mg/kg

Analyte	Sample Result	Spike Level	Matrix Spike Result	MS Recovery %	Matrix Spike Dul. Result	MSD Recovery %	Average Recovery %R	LCL %R	UCL %R	RPD %	UCL %RPD
TPH-Diesel	0.00	100.00	97.20	97	98.20	98	98	60	133	1	30

Notes:
Sample Result-Concentration of Sample which is to used for Sample Spike & Sample Spike Duplicate
Spike Level- Level of Concentration Added to the Sample
MSP Result- Matrix Spike Result
MSP %R- Matrix Spike Percent Recovery
MSPD Result- Matrix Spike Duplicate Result
MSPD %R- Matrix Spike Dublicate Percent Recovery
AVG. %R - Average Recovery for MSP & MSPD % Recovery
LCL- Lower Criteria Level
UCL- Upper Criteria Level
RPD- Relative Percent Difference

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 5520 REPORT
(mg/ kg)

Client:	Mr. Tom Edwards Tom Edwards Association 2243 Delmonte Dr. San Pablo, CA 94806	Date Sampled: Date Recieved: Date Analyzed: Date Reported:	5-30-96 5-31-96 6-6-96 6-10-96
Project:	1-10296	Lab Job #:	960531A
Matrix:	Soil	Analysis:	TOG

Client ID	Lab ID	Result	Reporting Limit	Spike % Recovery
SP-1, -2, -3, -4	960531A01, -02, -03, -04	**580**	1.0	80
TI-W	960531A05	**1800**	1.0	80
TI-E	960531A06	**1900**	1.0	80

ND = Not Detected at or below to Reporting Limit

Reviewed By:

Lei Chen, Laboratory Director

GE Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA METHOD TITLE 22 METALS REPORT
(mg/kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: SP-1,-2,-3,-4

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5,9-96
Date Reported: 6-9-96
Lab. Project #: 960531A
Lab ID #: 960531A01-04

Metal		Result		Reporting Limit		Blank Result		Blank Spike Result (%)
Antimony		ND		2.0		ND		98
Arsenic		ND		1.0		ND		80
Barium		140		1.0		ND		104
Beryllium		ND		0.5		ND		98
Cadmium		ND		0.5		ND		88
Chromium		35		1.0		ND		100
Cobalt		8.7		1.0		ND		99.5
Copper		25		1.0		ND		98
Lead		10		1.0		ND		96
Molybdenum		ND		1.0		ND		98
Nickel		61		1.0		ND		98
Selenium		ND		2.0		ND		110
Silver		ND		1.0		ND		96
Thallium		ND		2.0		ND		107
Vanadium		27		1.0		ND		98.7
Zinc		100		1.0		ND		88
Mercury		ND		0.05		ND		98

ND = Not Detected at or below to Reporting Limit

Reviewed By:

ELAP#: I -1080

Lei Chen, Laboratory Director

GE Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA METHOD TITLE 22 METALS REPORT
(mg/kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: TI-W

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5,9-96
Date Reported: 6-9-96
Lab. Project #: 960531A
Lab ID #: 960531A05

Metal		Result		Reporting Limit		Blank Result		Blank Spike Result (%)
Antimony		ND		2.0		ND		98
Arsenic		ND		1.0		ND		80
Barium		120		1.0		ND		104
Beryllium		ND		0.5		ND		98
Cadmium		ND		0.5		ND		88
Chromium		29		1.0		ND		100
Cobalt		7.1		1.0		ND		99.5
Copper		18		1.0		ND		98
Lead		4.1		1.0		ND		96
Molybdenum		ND		1.0		ND		98
Nickel		44		1.0		ND		98
Selenium		ND		2.0		ND		110
Silver		ND		1.0		ND		96
Thallium		ND		2.0		ND		107
Vanadium		24		1.0		ND		98.7
Zinc		110		1.0		ND		88
Mercury		ND		0.05		ND		85

ND = Not Detected at or below to Reporting Limit

Reviewed By:

Lei Chen, Laboratory Director

ELAP#: I -1080

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA METHOD TITLE 22 METALS REPORT
(mg/kg)

Attn.:	Mr. Tom Edwards	Date Sampled:	5-30-96
	Tom Edwards Association	Date Received:	5-31-96
	2243 Delmonte Dr.	Date Analyzed:	6-5,9-96
	San Pablo, CA 94806	Date Reported:	6-9-96
Project:	1-10296	Lab. Project #:	960531A
Matrix:	Soil	Lab ID #:	960531A06
Client I.D.:	TI-E		

Metal	Result	Reporting Limit	Blank Result	Blank Spike Result (%)
Antimony	ND	2.0	ND	98
Arsenic	ND	1.0	ND	80
Barium	120	1.0	ND	104
Beryllium	ND	0.5	ND	98
Cadmium	ND	0.5	ND	88
Chromium	33	1.0	ND	100
Cobalt	8.9	1.0	ND	99.5
Copper	20	1.0	ND	98
Lead	3.5	1.0	ND	96
Molybdenum	ND	1.0	ND	98
Nickel	43	1.0	ND	98
Selenium	ND	2.0	ND	110
Silver	ND	1.0	ND	96
Thallium	ND	2.0	ND	107
Vanadium	28	1.0	ND	98.7
Zinc	110	1.0	ND	88
Mercury	ND	0.05	ND	85

ND = Not Detected at or below to Reporting Limit

Reviewed By: ELAP#: I -1080

Lei Chen, Laboratory Director

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8270 REPORT
(mg/Kg)

Attn.:	Mr. Tom Edwards	Date Sampled:	5-30-96
	Tom Edwards Association	Date Received:	5-31-96
	2243 Delmonte Dr.	Date Analyzed:	6-5-96
	San Pablo, CA 94806	Date Reported:	6-10-96
Project:	1-10296	Lab. Project #:	960531A
Matrix:	Soil	Lab ID#:	960531A01,-02,-03,-04
Client I.D.:	SP-1, -2, -3, -4		

COMPOUND		Result		Reporting Limit
acenaphthylene		ND		1.0
acenaphthene		ND		1.0
aniline		ND		1.0
anthracene		ND		1.0
azobenzene		ND		1.0
benzidine		ND		1.0
benzo (a) anthrancene		ND		1.0
benzo(a)pyrene		ND		1.0
benzo(b)fluoranthene		ND		2.0
benzo(g,h,i) perylene		ND		1.0
benzo(k) fluoranthene		ND		2.0
benzoic acid		ND		1.0
bis(2-chloroehthoxy) methane		ND		1.0
bis(2-chloroethyl) ether		ND		1.0
bis(2-chloroisopropyl) ether		ND		1.0
bis(2-ethylhexyl) phthalate		ND		1.0
4-bromophenyl phenyl ether		ND		1.0
butyl benzyl phthalate		ND		1.0
4-chloro-3-methylphenol		ND		1.0
4-chloroaniline		ND		1.0
1-chloronaphthalene		ND		1.0
2-chloronaphthalene		ND		1.0
2-chlorophenol		ND		1.0
chrysene		ND		1.0
di-n-butyl phthalate		ND		1.0
dibenzo(a,h)anthracene		ND		1.0
dibenzo(a,j)acridine		ND		1.0
dibenzofuran		ND		1.0

GE Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8270 REPORT
(mg/Kg)

Attn.:	Mr. Tom Edwards	Date Sampled:	5-30-96
	Tom Edwards Association	Date Received:	5-31-96
	2243 Delmonte Dr.	Date Analyzed:	6-5-96
	San Pablo, CA 94806	Date Reported:	6-10-96
Project:	1-10296	Lab. Project #:	960531A
Matrix:	Soil	Lab ID#:	960531A01,-02,-03,-04
Client I.D.:	SP-1, -2, -3, -4		

COMPOUND		Result		Reporting Limit
1,2-dichlorobenzene		ND		1.0
1,3-dichlorobenzene		ND		1.0
1,4-dichlorobenzene		ND		1.0
3,3-dichlorobenzidine		ND		1.0
2,4-dichlorophenol		ND		1.0
diethyl phthalate		ND		1.0
dimethyl phthalate		ND		1.0
2,4-dimethylphenol		ND		1.0
4,6-dinitro-2-methylphenol		ND		1.0
2,4-dinitrophenol		ND		1.0
2,4-dinitrotoluene		ND		1.0
2,6-dinitrotoluene		ND		1.0
fluoranthene		ND		1.0
fluorene		ND		1.0
hexachlorobenzene		ND		1.0
hexachlorobutadiene		ND		1.0
hexachlorocyclopentadiene		ND		1.0
hexachloroethyane		ND		1.0
indeno(1,2,3-cd)pyrene		ND		1.0
isophorone		ND		1.0
2-methyl phenol		ND		1.0
4-methyl phenol		ND		1.0
2-methyl pyridine		ND		1.0
3-methylcholanthrene		ND		1.0
2-methylnaphthalene		ND		1.0
n-nitroso-di-phenylamine		ND		1.0
n-nitrosodi-n-propylamine		ND		1.0
naphthalene		9.9		1.0
2-nitroaniline		ND		1.0
3-nitroaniline		ND		1.0

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8270 REPORT
(mg/Kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: SP-1, -2, -3, -4

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-5-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID#: 960531A01,-02,-03,-04

COMPOUND		Result		Reporting Limit
4-nitroaniline		ND		1.0
nitrobenzene		ND		1.0
2-nitrophenol		ND		1.0
4-nitrophenol		ND		1.0
pentachlorobenzene		ND		1.0
pentachlorophenol		ND		1.0
phenanthrene		ND		1.0
phenol		ND		2.0
pyrene		ND		1.0
1,2,4-trichlorobenzene		ND		1.0
2,4,5-trichlorophenol		ND		1.0
2,4,6-trichlorophenol		ND		1.0

SURROGATE COMPOUNDS		% Recovery		%Control Limits
Nitrobenzene-D5		67		35-114
2-Fluoro-Biphenyl		118		43-118
Terphenyl-D14		84		33-141
Phenol-D5		73		10-94
2-Fluoro phenol		67		21-100
2,4,6-Tribromo phenol		62		10-123

ND = Not Detected at or below to Reporting Limit

Reviewed By:

Lei Chen, Laboratory Director

GE Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8270 REPORT
(mg/Kg)

Attn.:	Mr. Tom Edwards	Date Sampled:	5-30-96
	Tom Edwards Association	Date Received:	5-31-96
	2243 Delmonte Dr.	Date Analyzed:	6-5-96
	San Pablo, CA 94806	Date Reported:	6-10-96
Project:	1-10296	Lab. Project #:	960531A
Matrix:	Soil	Lab ID#:	960531A05
Client I.D.:	TI-W		

COMPOUND		Result		Reporting Limit
acenaphthylene		ND		1.0
acenaphthene		ND		1.0
aniline		ND		1.0
anthracene		ND		1.0
azobenzene		ND		1.0
benzidine		ND		1.0
benzo (a) anthrancene		ND		1.0
benzo(a)pyrene		ND		1.0
benzo(b)fluoranthene		ND		2.0
benzo(g,h,i) perylene		ND		1.0
benzo(k) fluoranthene		ND		2.0
benzoic acid		ND		1.0
bis(2-chloroehthoxy) methane		ND		1.0
bis(2-chloroethyl) ether		ND		1.0
bis(2-chloroisopropyl) ether		ND		1.0
bis(2-ethylhexyl) phthalate		ND		1.0
4-bromophenyl phenyl ether		ND		1.0
butyl benzyl phthalate		ND		1.0
4-chloro-3-methylphenol		ND		1.0
4-chloroaniline		ND		1.0
1-chloronaphthalene		ND		1.0
2-chloronaphthalene		ND		1.0
2-chlorophenol		ND		1.0
chrysene		ND		1.0
di-n-butyl phthalate		ND		1.0
dibenzo(a,h)anthracene		ND		1.0
dibenzo(a,j)acridine		ND		1.0
dibenzofuran		ND		1.0

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8270 REPORT
(mg/Kg)

Attn.:	Mr. Tom Edwards	Date Sampled:	5-30-96
	Tom Edwards Association	Date Received:	5-31-96
	2243 Delmonte Dr.	Date Analyzed:	6-5-96
	San Pablo, CA 94806	Date Reported:	6-10-96
Project:	1-10296	Lab. Project #:	960531A
Matrix:	Soil	Lab ID#:	960531A05
Client I.D.:	TI-W		

COMPOUND		Result		Reporting Limit
1,2-dichlorobenzene		ND		1.0
1,3-dichlorobenzene		ND		1.0
1,4-dichlorobenzene		ND		1.0
3,3-dichlorobenzidine		ND		1.0
2,4-dichlorophenol		ND		1.0
diethyl phthalate		ND		1.0
dimethyl phthalate		ND		1.0
2,4-dimethylphenol		ND		1.0
4,6-dinitro-2-methylphenol		ND		1.0
2,4-dinitrophenol		ND		1.0
2,4-dinitrotoluene		ND		1.0
2,6-dinitrotoluene		ND		1.0
fluoranthene		ND		1.0
fluorene		ND		1.0
hexachlorobenzene		ND		1.0
hexachlorobutadiene		ND		1.0
hexachlorocyclopentadiene		ND		1.0
hexachloroethyane		ND		1.0
indeno(1,2,3-cd)pyrene		ND		1.0
isophorone		ND		1.0
2-methyl phenol		ND		1.0
4-methyl phenol		ND		1.0
2-methyl pyridine		ND		1.0
3-methylcholanthrene		ND		1.0
2-methylnaphthalene		20		1.0
n-nitroso-di-phenylamine		ND		1.0
n-nitrosodi-n-propylamine		ND		1.0
naphthalene		21		1.0
2-nitroaniline		ND		1.0
3-nitroaniline		ND		1.0

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8270 REPORT
(mg/Kg)

Attn.:	Mr. Tom Edwards	Date Sampled:	5-30-96
	Tom Edwards Association	Date Received:	5-31-96
	2243 Delmonte Dr.	Date Analyzed:	6-5-96
	San Pablo, CA 94806	Date Reported:	6-10-96
Project:	1-10296	Lab. Project #:	960531A
Matrix:	Soil	Lab ID#:	960531A05
Client I.D.:	TI-W		

COMPOUND		Result		Reporting Limit
4-nitroaniline		ND		1.0
nitrobenzene		ND		1.0
2-nitrophenol		ND		1.0
4-nitrophenol		ND		1.0
pentachlorobenzene		ND		1.0
pentachlorophenol		ND		1.0
phenanthrene		ND		1.0
phenol		ND		2.0
pyrene		ND		1.0
1,2,4-trichlorobenzene		ND		1.0
2,4,5-trichlorophenol		ND		1.0
2,4,6-trichlorophenol		ND		1.0

SURROGATE COMPOUNDS		% Recovery		%Control Limits
Nitrobenzene-D5		61		35-114
2-Fluoro-Biphenyl		100		43-118
Terphenyl-D14		79		33-141
Phenol-D5		67		10-94
2-Fluoro phenol		64		21-100
2,4,6-Tribromo phenol		56		10-123

ND = Not Detected at or below to Reporting Limit

Reviewed By:

Lei Chen, Laboratory Director

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8270 REPORT
(mg/Kg)

Attn.:	Mr. Tom Edwards	Date Sampled:	5-30-96
	Tom Edwards Association	Date Received:	5-31-96
	2243 Delmonte Dr.	Date Analyzed:	6-5-96
	San Pablo, CA 94806	Date Reported:	6-10-96
Project:	1-10296	Lab. Project #:	960531A
Matrix:	Soil	Lab ID#:	960531A06
Client I.D.:	TI-E		

COMPOUND		Result		Reporting Limit
acenaphthylene		ND		1.0
acenaphthene		ND		1.0
aniline		ND		1.0
anthracene		ND		1.0
azobenzene		ND		1.0
benzidine		ND		1.0
benzo (a) anthrancene		ND		1.0
benzo(a)pyrene		ND		1.0
benzo(b)fluoranthene		ND		2.0
benzo(g,h,i) perylene		ND		1.0
benzo(k) fluoranthene		ND		2.0
benzoic acid		ND		1.0
bis(2-chloroehthoxy) methane		ND		1.0
bis(2-chloroethyl) ether		ND		1.0
bis(2-chloroisopropyl) ether		ND		1.0
bis(2-ethylhexyl) phthalate		3.4		1.0
4-bromophenyl phenyl ether		ND		1.0
butyl benzyl phthalate		ND		1.0
4-chloro-3-methylphenol		ND		1.0
4-chloroaniline		ND		1.0
1-chloronaphthalene		ND		1.0
2-chloronaphthalene		ND		1.0
2-chlorophenol		ND		1.0
chrysene		ND		1.0
di-n-butyl phthalate		ND		1.0
dibenzo(a,h)anthracene		ND		1.0
dibenzo(a,j)acridine		ND		1.0
dibenzofuran		ND		1.0

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8270 REPORT
(mg/Kg)

Attn.:	Mr. Tom Edwards	Date Sampled:	5-30-96
	Tom Edwards Association	Date Received:	5-31-96
	2243 Delmonte Dr.	Date Analyzed:	6-5-96
	San Pablo, CA 94806	Date Reported:	6-10-96
Project:	1-10296	Lab. Project #:	960531A
Matrix:	Soil	Lab ID#:	960531A06
Client I.D.:	TI-E		

COMPOUND		Result		Reporting Limit
1,2-dichlorobenzene		ND		1.0
1,3-dichlorobenzene		ND		1.0
1,4-dichlorobenzene		ND		1.0
3,3-dichlorobenzidine		ND		1.0
2,4-dichlorophenol		ND		1.0
diethyl phthalate		ND		1.0
dimethyl phthalate		ND		1.0
2,4-dimethylphenol		ND		1.0
4,6-dinitro-2-methylphenol		ND		1.0
2,4-dinitrophenol		ND		1.0
2,4-dinitrotoluene		ND		1.0
2,6-dinitrotoluene		ND		1.0
fluoranthene		ND		1.0
fluorene		ND		1.0
hexachlorobenzene		ND		1.0
hexachlorobutadiene		ND		1.0
hexachlorocyclopentadiene		ND		1.0
hexachloroethyane		ND		1.0
indeno(1,2,3-cd)pyrene		ND		1.0
isophorone		ND		1.0
2-methyl phenol		ND		1.0
4-methyl phenol		ND		1.0
2-methyl pyridine		ND		1.0
3-methylcholanthrene		ND		1.0
2-methylnaphthalene		**29**		1.0
n-nitroso-di-phenylamine		ND		1.0
n-nitrosodi-n-propylamine		ND		1.0
naphthalene		**25**		1.0
2-nitroaniline		ND		1.0
3-nitroaniline		ND		1.0

GE Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8270 REPORT
(mg/Kg)

Attn.:	Mr. Tom Edwards	Date Sampled:	5-30-96
	Tom Edwards Association	Date Received:	5-31-96
	2243 Delmonte Dr.	Date Analyzed:	6-5-96
	San Pablo, CA 94806	Date Reported:	6-10-96
Project:	1-10296	Lab. Project #:	960531A
Matrix:	Soil	Lab ID#:	960531A06
Client I.D.:	TI-E		

COMPOUND		Result		Reporting Limit
4-nitroaniline		ND		1.0
nitrobenzene		ND		1.0
2-nitrophenol		ND		1.0
4-nitrophenol		ND		1.0
pentachlorobenzene		ND		1.0
pentachlorophenol		ND		1.0
phenanthrene		2.0		1.0
phenol		ND		2.0
pyrene		ND		1.0
1,2,4-trichlorobenzene		ND		1.0
2,4,5-trichlorophenol		ND		1.0
2,4,6-trichlorophenol		ND		1.0

SURROGATE COMPOUNDS		% Recovery		%Control Limits
Nitrobenzene-D5		63		35-114
2-Fluoro-Biphenyl		98		43-118
Terphenyl-D14		82		33-141
Phenol-D5		68		10-94
2-Fluoro phenol		61		21-100
2,4,6-Tribromo phenol		63		10-123

ND = Not Detected at or below to Reporting Limit

Reviewed By:

Lei Chen, Laboratory Director

EPA METHOD TEST QA/QC TABLE

GLOBAL PROJECT #: 960531A

Lab I.D. Number:	960531A-MSP	Analytical Method:	EPA 8270
Client Project:	1-10296	Analysis date:	06-06-96
Ext/Prep. Method:	EPA 3550	Matrix:	Soil
Date:	06-05-96	Unit:	mg/kg

Analyte	Sample Result	Spike Level	MS Result	MS %R	MSD Result	MSD %R	AVE. %R	LCL %R	UCL %R	RPD %	UCL %RPD
Phenol	0	20	10.71	54	9.67	48	51	12	89	10	42
2-Chlorophenol	0	20	11.46	57	12.07	60	59	27	123	5	40
1,4-Dichlorobenzene	0	10	7.19	72	6.94	69	71	36	97	4	28
N-Nitroso-Di-n-Propylamine	0	10	6.22	62	5.74	57	60	41	116	8	38
1,2,4-Trichlorobenzene	0	10	9.33	93	9.9	99	96	39	98	6	28
4-Chloro-3-Methylphenol	0	20	14.97	75	14.75	74	74	23	97	1	42
Acenaphthene	0	10	6.59	66	6.32	63	65	46	118	4	31
4-Nitrophenol	0	20	13.24	66	12.17	61	64	10	80	8	50
2,4-dinitrotoluene	0	10	8.51	85	8.4	84	85	24	96	1	38
Pentachlorophenol	0	20	14.16	71	13.96	70	70	9	103	1	50
Pyrene	0	10	8.32	83	8.1	81	82	26	127	3	31

Notes:
Spike Level- Level of Concentration Added to the Sample
MS Result- Matrix Spike Result
MS %R- Matrix Spike Percent Recovery
MSD Result- Matrix Spike Duplicate Result
MSD %R- Matrix Spike Dublicate Percent Recovery
LCL- Lower Criteria Level
UCL- Upper Criteria Level
RPD- Relative Percent Difference

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8010 REPORT
(ug/kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: SP-1, -2, -3, -4

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-3-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID #: 960531A01, -02, -03, -04

Analyte		Result		Reporting Limit
Dichlorofluoromethane		ND		5.0
Chloromethane		ND		5.0
Bromomethane		ND		5.0
Vinyl chloride		ND		5.0
Chloroethane		ND		5.0
Trichlorofluoroethane		ND		5.0
1,1-Dichloroethene		ND		5.0
Methylene Chloride		ND		5.0
Trans-1,2-Dichloroethene		ND		5.0
1,1-Dichloroethane		ND		5.0
Cis-1,2-Dichloroethene		ND		5.0
Chloroform		ND		5.0
1,1,1-Trichloroethane		ND		5.0
Carbon Tetrachloride		ND		5.0
1,2-Dichloroethane		ND		5.0
Trichloroethene		ND		5.0
1,2-Dichloropropene		ND		5.0
Bromodichloromethane		ND		5.0
Trans-1,3-Dichloropropene		ND		5.0
Cis-1,3-Dichloropropene		ND		5.0
1,1,2-Trichloroethane		ND		5.0
Tetrachloroethene		ND		5.0
Dibromochloromethane		ND		5.0
Chlorobenzene		ND		5.0
Bromoform		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
1,3-Dichlorobenzene		ND		5.0
1,4-Dichlorobenzene		ND		5.0
1,2-Dichlorobenzene		ND		5.0

SURROGATE RECOVERY	% Recovery	% Control Limits
4-bromofluorobenzene	103	74-121

ND = Not Detected at Reporting Limit
Reviewed By: ELAP#: I-1080

Lei Chen, Laboratory Director

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8010 REPORT
(ug/kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: TI-W

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-3-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID #: 960531A05

Analyte		Result		Reporting Limit
Dichlorofluoromethane		ND		5.0
Chloromethane		ND		5.0
Bromomethane		ND		5.0
Vinyl chloride		ND		5.0
Chloroethane		ND		5.0
Trichlorofluoroethane		ND		5.0
1,1-Dichloroethene		ND		5.0
Methylene Chloride		ND		5.0
Trans-1,2-Dichloroethene		ND		5.0
1,1-Dichloroethane		ND		5.0
Cis-1,2-Dichloroethene		ND		5.0
Chloroform		ND		5.0
1,1,1-Trichloroethane		ND		5.0
Carbon Tetrachloride		ND		5.0
1,2-Dichloroethane		ND		5.0
Trichloroethene		ND		5.0
1,2-Dichloropropene		ND		5.0
Bromodichloromethane		ND		5.0
Trans-1,3-Dichloropropene		ND		5.0
Cis-1,3-Dichloropropene		ND		5.0
1,1,2-Trichloroethane		ND		5.0
Tetrachloroethene		ND		5.0
Dibromochloromethane		ND		5.0
Chlorobenzene		ND		5.0
Bromoform		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
1,3-Dichlorobenzene		ND		5.0
1,4-Dichlorobenzene		ND		5.0
1,2-Dichlorobenzene		ND		5.0

SURROGATE RECOVERY	% Recovery	% Control Limits
4-bromofluorobenzene	109	74-121

ND = Not Detected at Reporting Limit
Reviewed By: ELAP#: I-1060

Lei Chen, Laboratory Director

Global Environmental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 8010 REPORT
(ug/kg)

Attn.: Mr. Tom Edwards
Tom Edwards Association
2243 Delmonte Dr.
San Pablo, CA 94806
Project: 1-10296
Matrix: Soil
Client I.D.: TI-E

Date Sampled: 5-30-96
Date Received: 5-31-96
Date Analyzed: 6-3-96
Date Reported: 6-10-96
Lab. Project #: 960531A
Lab ID #: 960531A06

Analyte		Result		Reporting Limit
Dichlorofluoromethane		ND		5.0
Chloromethane		ND		5.0
Bromomethane		ND		5.0
Vinyl chloride		ND		5.0
Chloroethane		ND		5.0
Trichlorofluoroethane		ND		5.0
1,1-Dichloroethene		ND		5.0
Methylene Chloride		ND		5.0
Trans-1,2-Dichloroethene		ND		5.0
1,1-Dichloroethane		ND		5.0
Cis-1,2-Dichloroethene		ND		5.0
Chloroform		ND		5.0
1,1,1-Trichloroethane		ND		5.0
Carbon Tetrachloride		ND		5.0
1,2-Dichloroethane		ND		5.0
Trichloroethene		ND		5.0
1,2-Dichloropropene		ND		5.0
Bromodichloromethane		ND		5.0
Trans-1,3-Dichloropropene		ND		5.0
Cis-1,3-Dichloropropene		ND		5.0
1,1,2-Trichloroethane		ND		5.0
Tetrachloroethene		ND		5.0
Dibromochloromethane		ND		5.0
Chlorobenzene		ND		5.0
Bromoform		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
1,3-Dichlorobenzene		ND		5.0
1,4-Dichlorobenzene		ND		5.0
1,2-Dichlorobenzene		ND		5.0

SURROGATE RECOVERY	% Recovery	% Control Limits
4-bromofluorobenzene	100	74-121

ND = Not Detected at Reporting Limit
Reviewed By:

ELAP#: I-1080

Lei Chen, Laboratory Director

8010 TEST QA/QC TABLE

GLOBAL PROJECT #: **960531A**

Lab I.D. Number:	960531A-MSP	Analytical Method	EPA 8010
Client Project:	1-10296	Analysis date:	6-4-96
Ext/Prep. Method:	EPA 5030	Matrix:	Soil
Date:	6-4-96	Unit:	ug/kg

Analyte	Sample Result	Spike Level	MSP Result	MSP %R	MSPD Result	MSPD %R	AVE. %R	LCL %R	UCL %R	RPD %	UCL %RPD
1,1-Dichloroethene	0	125	128.61	103	119.78	96	99	59	172	7	14
Trichloroethene	0	125	113.83	91	112.92	90	91	62	137	1	14
Chlorobenzene	0	125	118.78	95	120.21	96	96	60	133	1	13

Notes:
Sample Result-Concentration of Sample which is to used for Sample Spike & Sample Spike Duplicate
Spike Level- Level of Concentration Added to the Sample
MSP Result- Matrix Spike Result
MSP %R- Matrix Spike Percent Recovery
MSPD Result- Matrix Spike Duplicate Result
MSPD %R- Matrix Spike Dublicate Percent Recovery
AVG. %R - Average Recovery for MSP & MSPD % Recovery
LCL- Lower Criteria Level
UCL- Upper Criteria Level
RPD- Relative Percent Difference

ADDITIONAL REQUESTS:
Composite SP-1 thru SP-4

CHAIN OF CUSTODY RECORD
ANALYSIS REQUEST FORM
FOR
ENVIRONMENTAL SAMPLING

JOB #	JOB ADDRESS:	SAMPLER:
J-10296	1101 28th St. Oakland, CA.	Tom Edwards

LABORATORY NAME: GLOBAL ENVIRON. LABORATORY 4118 Clipper Ct., Fremont, CA 94538

LAB ID NO.	SAMPLE NUMBER	SOIL	WATER	DATE	TIME	TVH-GAS BTEX	TEH-DIESEL	O & G	CAM 17	EPA 8240	EPA 8270	EPA 8010		
	SP-1	X		5/30/96	2:15	X	X	X	X		X	X		
	SP-2	X			2:19	X	X	X	X		X	X		
	SP-3	X			2:25	X	X	X	X		X	X		
	SP-4	X			2:32	X	X	X	X		X	X		
	T1-W	X			2:51	X	X	X	X		X	X		
	T1-E	X			2:53	X	X	X	X		X	X		
	T2	X			2:48	X								

Composite

Relinquished By: **Recieved By:**

(Print Name) Tom Edwards	Date: 5/31/96	(Print Name) LEI CHEN
(Signature)	Time: 13:13	(Signature)
(Print Name)	Date:	(Print Name)
(Signature)	Time:	(Signature)
(Print Name)	Date:	(Print Name)
(Signature)	Time:	(Signature)

LABORATORY NOTES: 5to7 DAYS TURNAROUND TIME FOR ANALYSIS RESULTS
PLEASE INCLUDE SAMPLE CONDITION REPORT WITH RESULTS

PLEASE FAX A COPY OF THE ANALYTICAL RESULTS TO THE FOLLOWING:

TOM EDWARDS & ASSOCIATES (510) 724-3157

ATTACHMENT 5

EXCAVATION SOIL SAMPLE RESULTS AND SAMPLE CHAIN OF CUSTODY

GE Global Enviromental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

October 22, 1996

Tom Edwards & Associates
2243 Delmonte Dr.
San Pablo, CA 95008

Regarding: **Analytical Results**
Client Project: 1-10296
Global Lab Project: 961012A

Dear Mr. Tom Edwards :

Enclosed are the lab results for the samples submitted to Global Lab for the project above. The samples will be disposed of by the laboratory after 30 days from the time they were received.

We appreciate the opportunity to be of assistance to you. If you have any questions or comments, please feel free to contact me at (510) 498-1991.

Sincerely,

Lei Chen
Laboratory Director

Global Enviromental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

DHS (LUFT) TPH-BTEX REPORT

(ug/kg)

Client:	Tom Edwards Tom Edwards & Associates 2243 Del Monte Drive San Pablo, CA 94806	Date Sampled:	10-11-96
		Date Received:	10-12-96
		Date Analyzed:	10-15-96
		Date Reported:	10-21-96
Project:	1-10296	Lab Job #:	961012A
Matrix:	Soil		

Client I.D.	Lab. I.D.	MTBE	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Dilution Factor
SS-1	961012A01	ND	13000	220000	110000	1250000	1
SS-2	961012A02	ND	140	930	1600	5500	10
SS-3	961012A03	ND	6.2	7.5	14	59	1
Reporting Limit		10 ug/kg	5.0 ug/kg	5.0 ug/kg	5.0 ug/kg	5.0 ug/kg	

ND Not Detected. All analytes recorded as ND were found to be at or below the Reporting Limit.

Reviewed By:

ELAP#: 2132

Lei Chen, Laboratory Director

Global Enviromental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

DHS (LUFT) TPH-GASOLINE REPORT
(mg/kg)

Client:	Tom Edwards Tom Edwards & Associates 2243 Del Monte Drive San Pablo, CA 94806	Date Sampled: Date Received: Date Analyzed: Date Reported:	10-11-96 10-12-96 10-15-96 10-21-96
Project:	1-10296	Lab Job #:	961012A
Matrix:	Soil		

Client I.D.	Lab. I.D.			8015M Gasoline			Dilution Factor
SS-1	961012A01			20000			1
SS-2	961012A02			175			1
SS-3	961012A03			9.0			1
Reporting Limit				1.0 mg/kg			

ND Not Detected. All analytes recorded as ND were found to be at or below the Reporting Limit.

Reviewed By:

ELAP#: 2132

Lei Chen, Laboratory Director

Global Enviromental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

TPH-DIESEL REPORT
(mg/kg)

Client:	Tom Edwards Tom Edwards & Associates 2243 Del Monte Drive San Pablo, CA 94806	Date Sampled:	10-11-96
		Date Received:	10-12-96
		Date Analyzed:	10-18-96
		Date Reported:	10-21-96
Project:	1-10296	Lab Job #:	961012A
Matrix:	Soil		

Client I.D.	Lab. I.D.		8015M Diesel		Dilution Factor
SS-1	961012A01		13000		10
SS-2	961012A02		150		1
SS-3	961012A03		4.6		1
Reporting Limit			1.0 mg/kg		

ND Not Detected. All analytes recorded as ND were found to be at or below the Reporting Limit.

Reviewed By:

Lei Chen, Laboratory Director

GE Global Enviromental Laboratory, Inc.
4118 CLIPPER COURT, FREMONT, CA 94538 PHONE (510) 498-1991 FAX (510) 498-1994

EPA 413.1 REPORT (TOTAL OIL AND GREASE)
(mg/Kg)

Attn.:	Tom Edwards	Date Sampled:	10-11-96
	Tom Edwards & Associates	Date Received:	10-12-96
	2243 Del Monte Drive	Date Analyzed:	10-18-96
	San Pablo, CA 94806	Date Reported:	10-21-96
Project:	1-10296	Lab. Project #:	961012A
Matrix:	Soil		

Client ID	Lab ID	Result	Reporting Limit	Spike % Recovery
SS-1	961012A01	ND	5.0	100
SS-2	961012A02	540	5.0	100
SS-3	961012A03	60	5.0	100

ND = Not Detected at or below Reporting Limit

Reviewed By:

ELAP#: 2132

Lei Chen, Laboratory Director

EPA METHOD TEST QA/QC TABLE

GLOBAL PROJECT #: 961012A

Lab I.D.:	961012A-MSP	Analytical Method:	EPA M8015
Client Project:	1-10296	Analysis date:	10-18-96
Ext/Prep. Method:	EPA 3550	Matrix:	Soil
Date:	10-18-96	Unit:	mg/kg

Analyte	Sample Result	Spike Level	Matrix Spike Result	MS Recovery %	Matrix Spike Dul. Result	MSD Recovery %	Average Recovery %R	LCL %R	UCL %R	RPD %	UCL %RPD
Diesel	0.0	100.0	88.9	88.9	88.0	88.0	88.5	60.0	133.0	1.0	30.0

Notes:
Sample Result-Concentration of Sample which is to used for Sample Spike & Sample Spike Duplicate
Spike Level- Level of Concentration Added to the Sample
MSP Result- Matrix Spike Result
MSP %R- Matrix Spike Percent Recovery
MSPD Result- Matrix Spike Duplicate Result
MSPD %R- Matrix Spike Dublicate Percent Recovery
AVG. %R - Average Recovery for MSP & MSPD % Recovery
LCL- Lower Criteria Level
UCL- Upper Criteria Level
RPD- Relative Percent Difference

EPA METHOD TEST QA/QC TABLE

GLOBAL PROJECT #: 961012A

Lab I.D.:	961012A-MSP	Analytical Method:	EPA M8015
Client Project:	1-10296	Analysis date:	10-15-96
Ext/Prep. Method:	EPA 5030	Matrix:	Soil
Date:	10-15-96	Unit:	ug/kg

Analyte	Sample Result	Spike Level	Matrix Spike Result	MS Recovery %	Matrix Spike Dul. Result	MSD Recovery %	Average Recovery %R	LCL %R	UCL %R	RPD %	UCL %RPD
Benzene	0.0	50.0	46.1	92.1	45.0	89.9	91.0	66.0	142.0	2.4	21.0
Toluene	0.0	50.0	47.8	95.5	47.7	95.4	95.4	59.0	139.0	0.1	21.0
Chlorobenzene	0.0	50.0	50.0	100.0	50.2	100.3	100.2	60.0	133.0	0.3	21.0
Gasoline	0.0	2500.0	2447.9	97.9	2480.7	99.2	98.6	60.0	133.0	1.3	30.0

Notes:
Sample Result-Concentration of Sample which is to used for Sample Spike & Sample Spike Duplicate
Spike Level- Level of Concentration Added to the Sample
MSP Result- Matrix Spike Result
MSP %R- Matrix Spike Percent Recovery
MSPD Result- Matrix Spike Duplicate Result
MSPD %R- Matrix Spike Dublicate Percent Recovery
AVG. %R - Average Recovery for MSP & MSPD % Recovery
LCL- Lower Criteria Level
UCL- Upper Criteria Level
RPD- Relative Percent Difference

GLOBAL Environmental Laboratory, Inc. Chain of Custody

4118 Clipper Court
Fremont, CA 94538 Tel: (510) 498-1991 Fax: (510) 498-1994

Date: 10/11/96 Page 1 of 1

Client	Project Number/Name	Sample Collector (Name)
Tom Edwards & Assoc	1-10296	Tom Edwards
Address	Project Manager	Sampler's Signature
2243 Del Monte Dr.	Tom Edwards	
San Pablo, CA. 94806	Phone 510 724-3121 Fax 724-3157	
	Turn-around Time: Normal (5-7 days) 48 Hour 24 Hour	

Client ID	Laboratory ID	Date/Time Sampled	Matrix (S,W,A)	Container Type	Container Number	TPH gas BTEX	TPH Diesel	TOG	MTBE	Remarks
SS-1		10/11/96 0916	S	Liner		X	X	X	X	
SS-2		0935	S	Liner		X	X	X	X	
SS-3		1012	S	Liner		X	X	X	X	

Relinquished By:	Date/Time	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
	10/14/96 13:07		10/12/96 13:05				
Relinquished By:	Date/Time	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time