FAULTLINE Associates, Inc.

1630 N. Main Street #331
Walnut Creek, CA 94596
Phone: 888-258-4760
Fax: (510) 280-9609

ENVIRONMENTAL PROTECTION
97 SEP 24 PM 2:

September 22, 1997

BRUCE BORROW
318 DIABLO BLVD, 260
DANVILLE, CA
- 94526

Reference: FA Project #SF026-043

Ms. Madula Logan
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

SUBJECT: UNDERGROUND STORAGE TANK CLOSURE REPORT, 260 30TH STREET, OAKLAND, CALIFORNIA

Dear Ms. Logan:

FAULTLINE Associates, Inc. respectfully submits the attached report for your review and consideration. This report presents and discusses all activities conducted as part of the tank closure project. Also included are site investigation findings, conclusions, and recommendations.

Please contact us at your earliest convenience if you have any questions concerning this report or require any additional information.

Respectfully,

D.C. Solis, P.E.
Sr. Project Manager

cc: Mr. Bruce Burrows, The Burrows Company

Attachment

UNDERGROUND STORAGE TANK CLOSURE REPORT

FOR

260 30TH STREET OAKLAND, CA

September 22, 1997

Burrows Project #SF026-043

FAULTLINE Associates, Inc.

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SECTION ONE

INTRODUCTION

PROJECT DESCRIPTION

FAULTLINE Associates (FA) formerly TAC Environmental (TAC) was retained by Mrs. Ruth A. Burrows to perform a limited investigation of the native subsurface soils below the underground storage tank (UST) located at the subject site and permanently close in-place, the one thousand gallon UST. All work performed was conducted under permit and in accordance with Alameda County Department of Environmental Health (ACDEH) guidelines.

SITE LOCATION AND DESCRIPTION

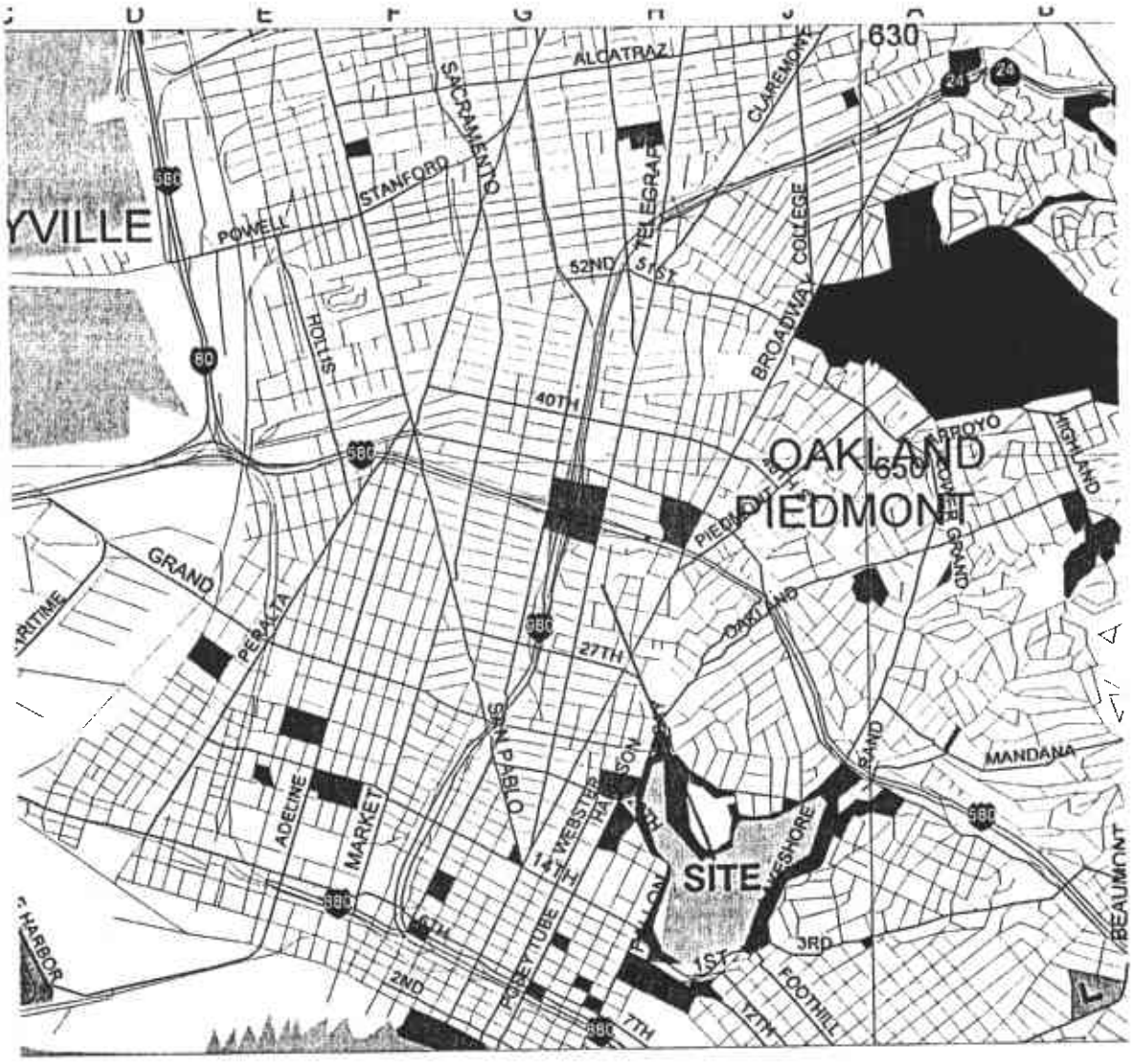
The subject property is located at 260 30th Street, Oakland, CA. (Figure 1). The site is located in a commercial area and is currently operated as an automotive where house. The site's known past use was an automotive dealership and service center. Existing development of the site includes one single structure. The site is situated on a rolling hillside approximately 2.5 miles east of the San Francisco Bay. One underground storage tank (UST) of one thousand gallon capacity was maintained on-site for an unknown period of time. The tank was reported to contain heating oil and fuel products. The former tank location is presented on Figure 2.

REGIONAL GEOLOGY

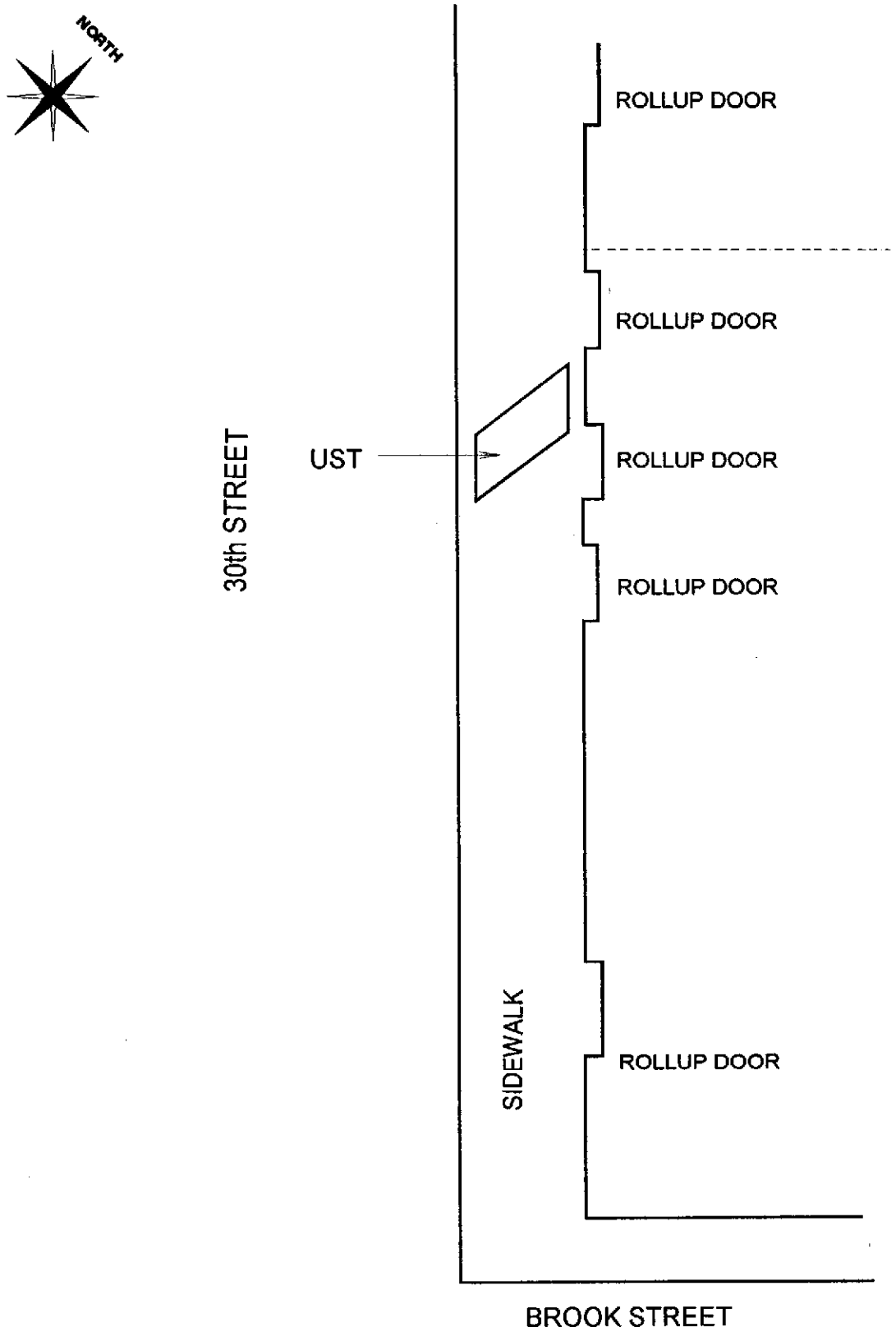
The subject property lies within the East Bay Plain approximately 2.5 miles east of the San Francisco Bay. The vicinity is dominated by older alluvium and comprised of dissected alluvial deposits. The main soil types that exist in this type of deposit are sand, silt, gravel and clay that are irregularly interstratified.

SITE GEOLOGY/HYDROGEOLOGY

The subject property contains approximately 1.5 feet of silty gravel baserock beneath the asphalt surface. This imported layer is underlain by brown to grey silty clay that is stiff with medium to high plasticity and extends to approximately 10 feet below grade surface (bgs). A coarse grained sand layer is encountered at depths between 10 and 14 feet bgs. The geology returns to a stiff green to olive clay at 17 feet bgs. The shallow and suspected perched water bearing unit lies within the sand lense at 14 feet bgs.



FAULTLINE Associates, Inc. 1630 N. Main St., Walnut Creek, CA 94596			SITE MAP	
Project No.	Date:	Drawn By:	260 30th STREET OAKLAND, CALIF	Figure: 1
SF96-026-043	9/10/97	PLC		



SCALE: 1" = 20'

FAULTLINE Associates, Inc. 1630 N. Main St., Walnut Creek, CA 94596			SITE PLAN	
Project No.	Date:	Drawn By:	260 30th STREET OAKLAND, CALIF	Figure: 2
SF96-026-043	9/10/97	PLC		

SECTION TWO

SOIL INVESTIGATION

SUMMARY OF FIELDWORK

The limited subsurface soil investigation was implemented in conformance with the *TAC "Underground Storage Tank Closure Work plan" dated January 1997,* and approved by the ACDEH. Four GeoProbe soil boreholes were advanced under permit directly adjacent to the in-place UST. Soil samples were collected from each bore location, however, due to equipment failure, water samples were not obtained. Drilling activities were completed on March 11, 1997.

SOIL BORING LOCATIONS AND DEPTH

The soil bores were placed at locations which were in conformance with the locations proposed in the January 1997 work plan submitted to the ACDEH. Gregg Drilling of Martinez, CA was retained by FA to perform the drilling activities.

Each of the soil bores were designated with a nomenclature of SB followed by a corresponding number (SB 1-4). Two bores (SB 2 and 4) were placed at each end of the tank and advanced to a maximum and completion depth of 20 feet bgs. The two remaining bores were placed at the sides of the tank with one bore (SB-3) being installed at a 30° angle. SB-1 was advanced to a maximum and completion depth of 20 feet bgs. However, to accommodate the angle of SB-3, the drill rig was moved back and the bore was advanced to a maximum and completion depth of fifty-five feet bgs. Groundwater was encountered at 14 feet at each location. *Bore locations are presented on Figure 3.*

BORE HOLE ADVANCEMENT AND WATER SAMPLING PROCEDURES

All soil bore activities were conducted in accordance with the standard field procedures presented in the work plan. As previously discussed, Gregg Drilling was retained by FA to perform the drilling exercise. A GeoProbe drill rig outfitted with a hydraulically driven drilling apparatus with a small diameter continuous core sampler was used to define the stratigraphy and collect the required soil samples.

Soil was collected in continuos two foot interval samplers for descriptive logging and field hydrocarbon and VOC screening. Each of the four bores had three samples collected from it. Soil samples were collected in 1-inch plastic samples tubes for chemical analysis.

Upon retrieval, the selected sample tubes were removed from the sampler and securely sealed with Teflon seating and polyurethane caps. Soil samples were placed in a cooled container and transported under chain of custody protocol to Mc Campbell Analytical in Pacheco, CA for chemical testing.

To avoid cross contamination between bores, the samplers were decontaminated prior to advancement of each soil bore. The sampler was decontaminated with a tri-sodium phosphate wash and double tap water rinse.

BOREHOLE LOGGING

All boreholes were geologically logged by a FA staff geologist under the supervision of a registered engineer using unified soils classification. Stratigraphic correlations were noted where apparent. The original bore logs, showing depth of samples collected, lithologic descriptions, and field sampling notations, etc., are presented as Appendix B.

BOREHOLE ABANDONMENT

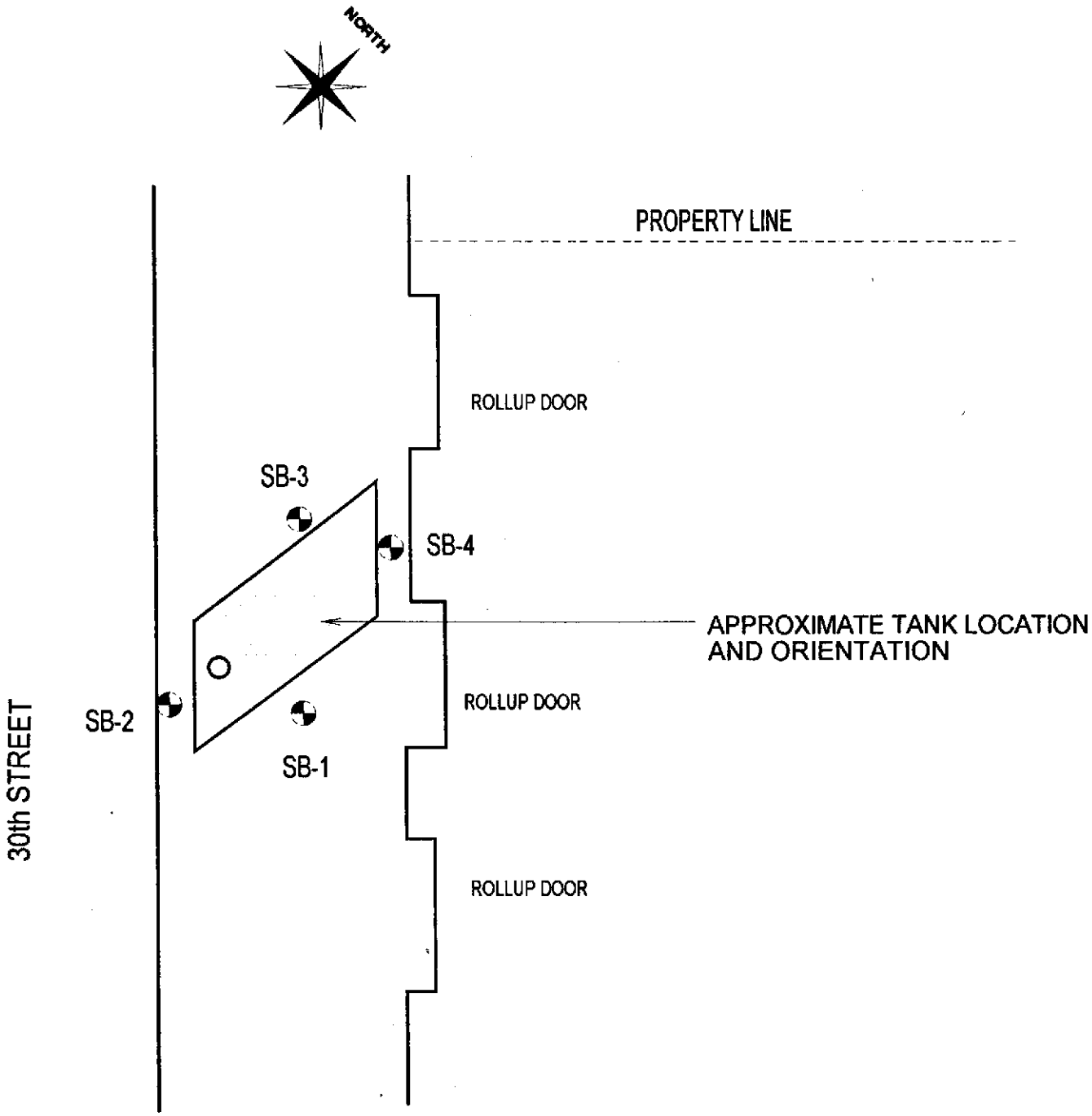
Upon completion of all sampling events, the bores advanced into the cemented surfaces were backfilled to the surface with bentonite and neat Portland cement per drilling permit requirements.

LABORATORY RESULTS

Based on the evidence obtained from site reconnaissance and samples collected from the tank which identified the tank contents as oil, and in conformance with the approved work plan, all ~~water samples~~ collected were analyzed for TPH-g/BTEX/MTBE, TPH-d, TPH-og, and VOC's using EPA methods 8015, 5520, 8240, and 8270. Certified analytical reports are presented as Appendix A.

O&G VOC 8020
PNA

Soil
Samples



SCALE: 1" = 10'

FAULTLINE Associates, Inc. 1630 N. Main St., Walnut Creek, CA 94596			BORING LOCATION PLAN	
Project No.	Date:	Drawn By:	260 30th STREET OAKLAND, CALIF	Figure: 3
SF96-026-043	9/10/97	PLC		

SECTION THREE

SUMMARY OF SITE INVESTIGATION FINDINGS

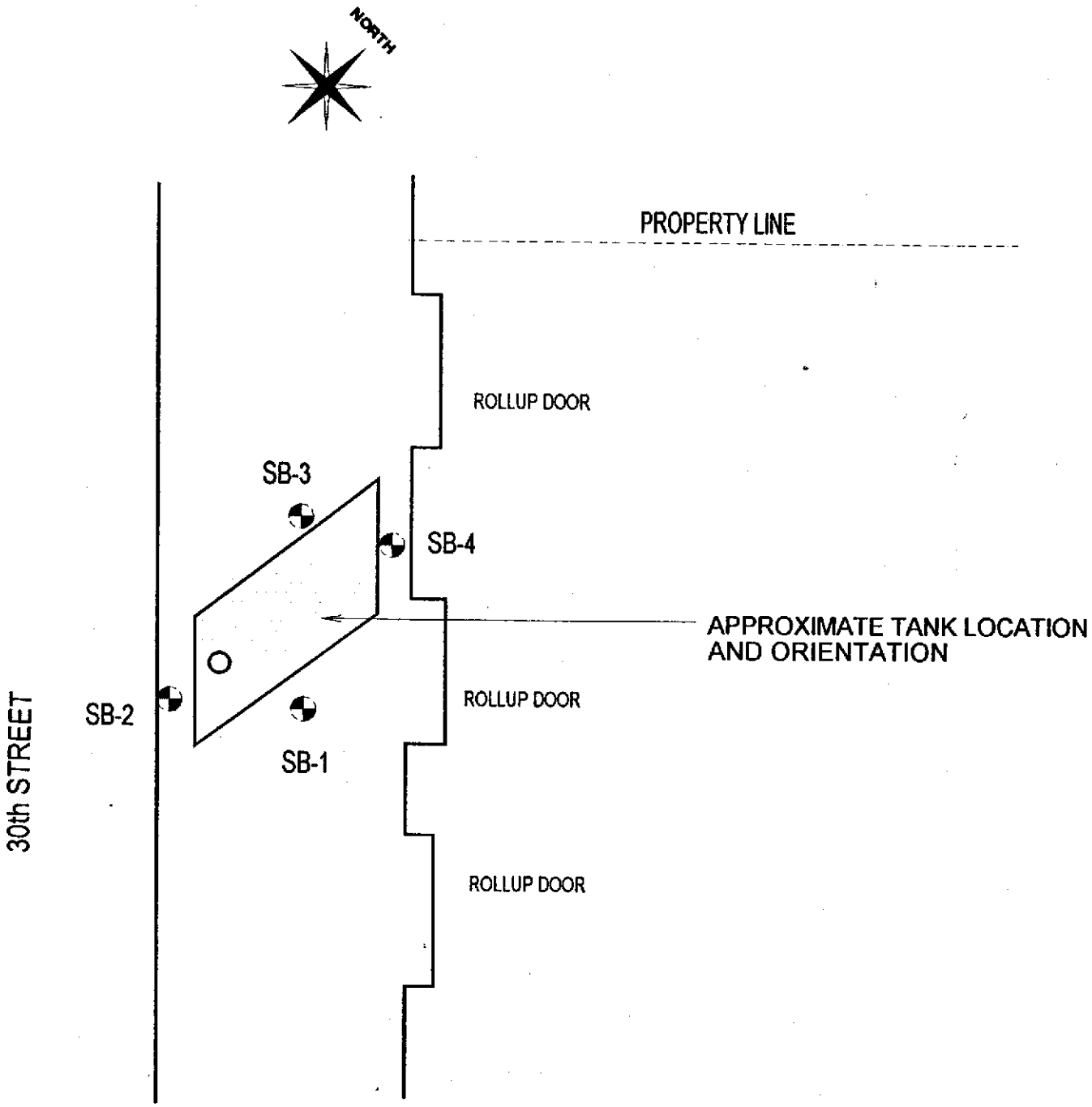
The primary constituents encountered at this site are Total Petroleum Hydrocarbons as Diesel (TPH-d) and Oil and Grease (TPH-og) which exhibit low solubility and high absorption. Impact to the shallow soils is found within the vicinity directly adjacent to the UST. The extent of the lateral migration has not been defined, however, the vertical limits have been delineated to indicate that the TPH impact appears to be isolated to the upper 15 feet of the native subsurface soils. Due to equipment failure during the sampling event, groundwater grab samples were not obtained.

As presented in the table below, the most concentrated areas of TPH impact are found within the SB-1 and 3 bore locations. These locations represent the sides and below the in-place tank. *(A summary of TPH soil sample analytical results generated during this phase of site characterization is provided as Table-1).* Certified analytical reports inclusive of the 8240 and 8270 results are provided as Appendix A.

TABLE 1
SOIL SAMPLE RESULTS
260 30TH ST., OAKLAND, CA

Sample ID	TPH-d	TPH-og	TPH-g	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
SB-1- 5'	190	540	1.1	ND	ND	ND	0.011	ND
SB-1-10'	51	450	30	ND	0.037	0.037	0.12	ND
SB-1-15'	4500	18,000	9600	ND	21	54	89	ND
SB-1-20'	ND	ND	ND	ND	ND	ND	ND	ND
SB-2-5'	32	140	4.4	ND	ND	ND	0.015	ND
SB-2-10'	15	ND	83	ND	0.18	0.015	0.79	ND
SB-2-15'	ND	ND	ND	ND	ND	ND	ND	ND
SB-3-5'	ND	ND	ND	ND	ND	ND	ND	ND
SB-3-10'	160	950	71	ND	0.071	0.091	0.46	ND
SB-3-15'	5.0	ND	1.5	ND	0.006	0.010	0.006	ND
SB-3-20'	ND	ND	ND	ND	ND	ND	ND	ND
SB- 4-5'	ND	ND	ND	ND	ND	ND	ND	ND
SB-4-15'	42	250	39	ND	0.099	0.077	0.37	ND
SB-4-20'	ND	ND	ND	ND	ND	ND	ND	ND
Detection limits		1.0 mg/kg	1.0 mg/kg	0.005 mg/kg	0.005 mg/kg	0.005 mg/kg	0.005 mg/kg	0.05 Mg/kg

ND = Non-detect
All samples are presented as ppm or parts per million
MTBE= Methyl Tert Butyl Ether



SCALE: 1" = 10'

FAULTLINE Associates, Inc. 1630 N. Main St., Walnut Creek, CA 94596			BORING LOCATION PLAN	
Project No.	Date:	Drawn By:	260 30th STREET OAKLAND, CALIF	Figure: 3
SF96-026-043	9/10/97	PLC		

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SB-1-10'	51	450	30	ND	0.037	0.037	0.12	ND
SB-1-15'	4500	18,000	9600	ND	21	54	89	ND
SB-1-20'	ND	ND	ND	ND	ND	ND	ND	ND
SB-2-5'	32	140	4.4	ND	ND	ND	0.015	ND
SB-2-10'	15	ND	83	ND	0.18	0.015	0.79	ND
SB-2-15'	ND	ND	ND	ND	ND	ND	ND	ND
SB-3-5'	ND	ND	ND	ND	ND	ND	ND	ND
SB-3-10'	160	950	71	ND	0.071	0.091	0.46	ND
SB-3-15'	5.0	ND	1.5	ND	0.006	0.010	0.006	ND
SB-3-20'	ND	ND	ND	ND	ND	ND	ND	ND
SB- 4-5'	ND	ND	ND	ND	ND	ND	ND	ND
SB-4-15'	42	250	39	ND	0.099	0.077	0.37	ND
SB-4-20'	ND	ND	ND	ND	ND	ND	ND	ND
Detection limits		1.0 mg/kg	1.0 mg/kg	0.005 mg/kg	0.005 mg/kg	0.005 mg/kg	0.005 mg/kg	0.05 Mg/kg

ND = Non-detect
All samples are presented as ppm or parts per million
MTBE= Methyl Tert Butyl Ether

SECTION FOUR

UST CLOSURE

RESIDUAL LIQUID REMOVAL AND DISPOSAL

Prior to initiation of UST closure activities, approximately 1,000 gallons of residual oil was pumped from the tank and transported under Uniform Hazardous Waste Manifest (UHWM) to Evergreen Environmental in Newark, CA. Pump-off and transportation services were provided by Universal Environmental. Copies of the UHWM are provided in Appendix C.

UST CLOSURE

Upon receipt of approval from the ACDEH to close the tank in-place, all interior surfaces of the tank were rinsed with a tri-sodium phosphate solution and tap water. The tank was flushed and visual observation of the overflow indicated that the oil residue was sufficiently removed. All rinsate generated on-site was pumped and transported by Delta Tech Services to Seaport Environmental in Redwood City, CA under a UHWM.

The tank was then inerted by the application of dry ice at a rate of 25 lbs. per 1,000 gallons of tank capacity. After satisfactory LEL was achieved, the cavity was pressure grouted with a sand/silicate cementacous slurry as provided by Lone Star Cement and pumped by Bay Area Exploration under the supervision of FA. Both the fill and vent pipes were also overfilled to ensure "complete" closure.

SECTION FIVE

CONCLUSIONS AND RECOMMENDATIONS

CONCLUSIONS

The summary and conclusions presented in this section are based on observations, field investigation descriptions, analytical results, and interpretations delineated and developed in the body of this report. The following are key conclusions for the site investigation and tank closure activities performed:

- The subject tank has been successfully closed in-placed by pressure grouting and capping.

- Investigation of the subsurface soils located directly adjacent to and beneath the in-place tank has identified petroleum hydrocarbon impact at depths ranging from ten to fifteen feet bgs.

- Current site investigation activities performed at the subject site to characterize the TPH contamination in the shallow soil has established that the site contaminant is comprised of TPH-g, TPH-d, and TPH-og compounds.

RECOMMENDATIONS

Based on the data collected the following recommendations are made:

- Submit a copy of this report to the lead regulatory agency,(ACDEH).

- Based on the confirmed results of the investigation which have indicated impact to the subsurface soils surrounding the tank, conduct a limited soil and water quality investigation of the adjacent vicinity.

SECTION SIX

LIMITATIONS

This report has been prepared for the exclusive use of Mrs. Ruth A. Burrows (Client) with specific application to the site located 260 30th Street, Oakland, California. The use of this report, its contents, or any part of it, by any one other than Client or authorized designee, is not allowed.

The services provided under this contract as described in this report include professional opinions and judgments based on data collected. These services have been performed according to generally accepted standards and practices. The opinions and conclusions contained in this report are based on information obtained from:

1. Observations and measurements by our field geologist;
2. The soil bores and monitoring wells installed at the site;
3. Information from previous investigations; and
4. The results of chemical testing by a state-certified laboratory.

The Client acknowledges that FAULTLINE Associates, Inc (FA) has been retained for the sole purpose of assisting the Client in assessing the degree of petroleum hydrocarbon contamination at the project site. It is recognized and agreed that FA and sub-consultants have assumed responsibility only for performing this investigation and presenting this report and conclusions to the Client. The responsibility for making any further evaluation, disclosure, or report to any third party or for the taking of corrective, remedial, and/or mitigative action shall be solely that of the Client.

Respectfully submitted,

David C. Solis, P.E.
Sr. Project Manager

Philip L. Chang, P.E.
Principal Engineer

SECTION SEVEN

REFERENCES

1) Boggs, Sam, Jr., *Principals of Sedimentology and Stratigraphy*, Macmillan Publishing Co., New York, NY, 1987.

2) Jennings, Charles, W., California Division of Mines and Geology, *Map No. 2: Geologic Map of California*, 1977.

3) Marshack., J.B., *A Compilation of Water Quality Goals, Staff Report of the California Regional Water Quality Control Board*, Central Valley Region, July 1995.

APPENDIX A

CERTIFIED LABORATORY REPORTS

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

TAC Environmental Services 151 Link Road Cordelia, CA 94585	Client Project ID: # SF026-043; Burrow's	Date Sampled: 03/11/97
		Date Received: 03/12/97
	Client Contact: Dave Solis	Date Extracted: 03/12/97
	Client P.O:	Date Analyzed: 03/12-03/13/97

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Rec. Surrogate
74296	SB-1-5'	S	1.1,j	ND	ND	ND	ND	0.011	99
74297	SB-1-10'	S	30,j	ND	ND	0.035	0.037	0.12	95
74298	SB-1-15'	S	9600,j	ND< 26	ND< 0.1	21	54	89	98
74299	SB-1-20'	S	ND	ND	ND	ND	ND	ND	97
74300	SB-2-5'	S	4.4,j	ND	ND	ND	ND	0.015	95
74301	SB-2-10'	S	83,j	ND< 0.08	ND	0.18	0.15	0.79	99
74302	SB-2-15'	S	ND	ND	ND	ND	ND	ND	97
74303	SB-3-5'	S	ND	ND	ND	ND	ND	ND	102
74304	SB-3-10'	S	71,j	ND< 0.08	ND	0.071	0.091	0.46	96
74305	SB-3-15'	S	1.5,j	ND	ND	0.006	0.010	0.006	96
74306	SB-3-20'	S	ND	ND	ND	ND	ND	ND	99
74307	SB-4-5'	S	ND	ND	ND	ND	ND	ND	99
74308	SB-4-15'	S	39,j	ND< 0.08	ND	0.099	0.077	0.37	95
74309	SB-4-20'	S	ND	ND	ND	ND	ND	ND	96
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	5.0	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, soil and sludge samples in mg/kg, and all TCLP extracts in mg/L

cluttered chromatogram; sample peak coelutes with surrogate peak

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

TAC Environmental Services 151 Link Road Cordelia, CA 94585	Client Project ID: # SF026-043; Burrow's	Date Sampled: 03/11/97
		Date Received: 03/12/97
	Client Contact: Dave Solis	Date Extracted: 03/12/97
	Client P.O:	Date Analyzed: 03/12-03/19/97

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel *

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCFID(3550) or GCFID(3510)

Lab ID	Client ID	Matrix	TPH(d)+	% Recovery Surrogate
74296	SB-1-5'	S	190,g	106
74297	SB-1-10'	S	51,g,d	105
74298	SB-1-15'	S	4500,g,d	---#
74299	SB-1-20'	S	ND	99
74300	SB-2-5'	S	32,g,d	101
74301	SB-2-10'	S	15,d	103
74302	SB-2-15'	S	ND	110
74303	SB-3-5'	S	ND	98
74304	SB-3-10'	S	160,g,d	101
74305	SB-3-15'	S	5.0,g,d	101
74306	SB-3-20'	S	ND	99
74307	SB-4-5'	S	ND	100
74308	SB-4-15'	S	42,g,d	106
74309	SB-4-20'	S	ND	98
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	
		S	1.0 mg/kg	

* water samples are reported in ug/L, soil and sludge samples in mg/kg, and all TCLP and STLC extracts in mg/L

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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Tele: 510-798-1620 Fax: 510-798-1622

TAC Environmental Services 151 Link Road Cordelia, CA 94585	Client Project ID: # SF026-043; Burrow's	Date Sampled: 03/11/97
		Date Received: 03/12/97
	Client Contact: Dave Solis	Date Extracted: 03/12-03/13/97
	Client P.O:	Date Analyzed: 03/12-03/13/97

Petroleum Oil & Grease (with Silica Gel Clean-up) *

EPA methods 413.1, 9070 or 9071; Standard Methods 5520 D/E&F or 503 D&E for solids and 5520 B&F or 503 A&E for liquids

Lab ID	Client ID	Matrix	Oil & Grease*
74296	SB-1-5'	S	540
74297	SB-1-10'	S	450
74298	SB-1-15'	S	18,000
74299	SB-1-20'	S	ND
74300	SB-2-5'	S	140
74301	SB-2-10'	S	ND
74302	SB-2-15'	S	ND
74303	SB-3-5'	S	ND
74304	SB-3-10'	S	950
74305	SB-3-15'	S	ND
74306	SB-3-20'	S	ND
74307	SB-4-5'	S	ND
74308	SB-4-15'	S	250
74309	SB-4-20'	S	ND
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	5 mg/L
		S	50 mg/kg

* water samples are reported in mg/L and soil and sludge samples in mg/kg

h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

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Tele: 510-798-1620 Fax: 510-798-1622

TAC Environmental Services 151 Link Road Cordelia, CA 94585	Client Project ID: # SF026-043; Burrow's	Date Sampled: 03/11/97
		Date Received: 03/12/97
	Client Contact: Dave Solis	Date Extracted: 03/21/97
	Client P.O:	Date Analyzed: 03/21/97

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	74298			
Client ID	SB-1-15'			
Matrix	S			
Compound	Concentration*			
Bromodichloromethane	ND< 300			
Bromoform(b)	ND< 300			
Bromomethane	ND< 300			
Carbon Tetrachloride(c)	ND< 300			
Chlorobenzene	ND< 300			
Chloroethane	ND< 300			
2-Chloroethyl Vinyl Ether(d)	ND< 300			
Chloroform (c)	ND< 300			
Chloromethane	ND< 300			
Dibromochloromethane	ND< 300			
1,2-Dichlorobenzene	ND< 300			
1,3-Dichlorobenzene	ND< 300			
1,4-Dichlorobenzene	ND< 300			
Dichlorodifluoromethane	ND< 300			
1,1-Dichloroethane	ND< 300			
1,2-Dichloroethane	ND< 300			
1,1-Dichloroethene	ND< 300			
cis 1,2-Dichloroethene	ND< 300			
trans 1,2-Dichloroethene	ND< 300			
1,2-Dichloropropane	ND< 300			
cis 1,3-Dichloropropene	ND< 300			
trans 1,3-Dichloropropene	ND< 300			
Methylene Chloride(f)	ND< 300			
1,1,2,2-Tetrachloroethane	ND< 300			
Tetrachloroethene	ND< 300			
1,1,1-Trichloroethane	ND< 300			
1,1,2-Trichloroethane	ND< 300			
Trichloroethene	ND< 300			
Trichlorofluoromethane	ND< 300			
Vinyl Chloride(g)	ND< 300			
% Recovery Surrogate	101			
Comments	j			

* water and vapor samples are reported in ug/L, soil and sludge samples in ug/kg and all TCLP extracts in ug/L.

Reporting limit unless otherwise stated: water/TCLP extracts, ND< 0.5ug/L; soil and sludge, ND< 5ug/kg

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~ 5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

CHROMALAB, INC.

Environmental Services (SDB)

March 25, 1997 *Submission #:* 9703231

MCCAMPBELL ANALYTICAL, INC.

Atten: Ed Hamilton

Project: T-BURROWS *Project#:* 8243
Received: March 18, 1997

re: One sample for Semivolatile Organic Compounds (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **SB-1-15'**
Spl#: 121687 *Matrix:* SOIL *Extracted:* March 19, 1997
Sampled: March 11, 1997 *Run#:* 5884 *Analyzed:* March 20, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	1.0	N.D.	63.4	10
BIS(2-CHLOROETHYL)ETHER	N.D.	1.0	N.D.	--	10
2-CHLOROPHENOL	N.D.	1.0	N.D.	72.7	10
1,3-DICHLOROBENZENE	N.D.	1.0	N.D.	--	10
1,4-DICHLOROBENZENE	N.D.	1.0	N.D.	74.0	10
BENZYL ALCOHOL	N.D.	2.0	N.D.	--	10
1,2-DICHLOROBENZENE	N.D.	1.0	N.D.	--	10
2-METHYLPHENOL	N.D.	1.0	N.D.	--	10
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	1.0	N.D.	--	10
4-METHYLPHENOL	N.D.	2.0	N.D.	--	10
N-NITROSO-DI-N-PROPYLAMINE	N.D.	1.0	N.D.	66.8	10
HEXACHLOROETHANE	N.D.	1.0	N.D.	--	10
NITROBENZENE	N.D.	1.0	N.D.	--	10
ISOPHORONE	N.D.	1.0	N.D.	--	10
2-NITROPHENOL	N.D.	1.0	N.D.	--	10
2,4-DIMETHYLPHENOL	N.D.	1.0	N.D.	--	10
BIS(2-CHLOROETHOXY)METHANE	N.D.	1.0	N.D.	--	10
2,4-DICHLOROPHENOL	N.D.	1.0	N.D.	--	10
1,2,4-TRICHLOROBENZENE	N.D.	1.0	N.D.	74.6	10
NAPHTHALENE	8.3	1.0	N.D.	--	10
4-CHLOROANILINE	N.D.	2.0	N.D.	--	10
HEXACHLOROBUTADIENE	N.D.	1.0	N.D.	--	10
4-CHLORO-3-METHYLPHENOL	N.D.	2.0	N.D.	75.8	10
2-METHYLNAPHTHALENE	7.0	1.0	N.D.	--	10
HEXACHLOROCYCLOPENTADIENE	N.D.	1.0	N.D.	--	10
2,4,6-TRICHLOROPHENOL	N.D.	1.0	N.D.	--	10
2,4,5-TRICHLOROPHENOL	N.D.	1.0	N.D.	--	10
2-CHLORONAPHTHALENE	N.D.	1.0	N.D.	--	10
2-NITROANILINE	N.D.	5.0	N.D.	--	10
DIMETHYL PHTHALATE	N.D.	5.0	N.D.	--	10
ACENAPHTHYLENE	N.D.	1.0	N.D.	--	10
3-NITROANILINE	N.D.	1.0	N.D.	--	10
ACENAPHTHENE	N.D.	1.0	N.D.	79.4	10
2,4-DINITROPHENOL	N.D.	5.0	N.D.	--	10
4-NITROPHENOL	N.D.	5.0	N.D.	75.8	10
DIBENZOFURAN	N.D.	1.0	N.D.	--	10
2,4-DINITROTOLUENE	N.D.	1.0	N.D.	57.6	10
2,6-DINITROTOLUENE	N.D.	2.0	N.D.	--	10
DIETHYL PHTHALATE	N.D.	5.0	N.D.	--	10
4-CHLOROPHENYL PHENYL ETHER	N.D.	1.0	N.D.	--	10

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(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

March 25, 1997

Submission #: 9703231
page 2

MCCAMPBELL ANALYTICAL, INC.

Atten: Ed Hamilton

Project: T-BURROWS *Project#:* 8243
Received: March 18, 1997

re: One sample for Semivolatile Organic Compounds (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **SB-1-15'**
Spl#: 121687 *Matrix:* SOIL *Extracted:* March 19, 1997
Sampled: March 11, 1997 *Run#:* 5884 *Analyzed:* March 20, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	1.0	N.D.	--	10
4-NITROANILINE	N.D.	5.0	N.D.	--	10
2-METHYL-4,6-DINITROPHENOL	N.D.	5.0	N.D.	--	10
N-NITROSO-DI-N-PHENYLAMINE	N.D.	1.0	N.D.	--	10
4-BROMOPHENYL PHENYL ETHER	N.D.	1.0	N.D.	--	10
HEXACHLOROBENZENE	N.D.	1.0	N.D.	--	10
PENTACHLOROPHENOL	N.D.	5.0	N.D.	54.6	10
PHENANTHRENE	N.D.	1.0	N.D.	--	10
ANTHRACENE	N.D.	1.0	N.D.	--	10
DI-N-BUTYL PHTHALATE	N.D.	20	N.D.	--	10
FLUORANTHENE	N.D.	1.0	N.D.	--	10
PYRENE	N.D.	1.0	N.D.	74.8	10
BUTYL BENZYL PHTHALATE	N.D.	5.0	N.D.	--	10
3,3'-DICHLOROBENZIDINE	N.D.	2.0	N.D.	--	10
BENZO(A)ANTHRACENE	N.D.	1.0	N.D.	--	10
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	5.0	N.D.	--	10
CHRYSENE	N.D.	1.0	N.D.	--	10
DI-N-OCTYL PHTHALATE	N.D.	5.0	N.D.	--	10
BENZO(B)FLUORANTHENE	N.D.	1.0	N.D.	--	10
BENZO(K)FLUORANTHENE	N.D.	2.0	N.D.	--	10
BENZO(A)PYRENE	N.D.	0.50	N.D.	--	10
INDENO(1,2,3 C,D)PYRENE	N.D.	2.0	N.D.	--	10
DIBENZO(A,H)ANTHRACENE	N.D.	2.0	N.D.	--	10
BENZO(G,H,I)PERYLENE	N.D.	2.0	N.D.	--	10
BENZOIC ACID	N.D.	5.0	N.D.	--	10

Note: Reporting limits raised and surrogates outside of QA/QC limits due to matrix interference. See surrogate summary page.

Michael Lee
Chemist

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

March 25, 1997 *Submission #:* 9703231

MCCAMPBELL ANALYTICAL, INC.

Atten: Ed Hamilton

Project: T-BURROWS *Project#:* 8243
Received: March 18, 1997

re: **Surrogate** report for 1 sample for Semivolatile Organic Compounds
Method: SW846 Method 8270A Nov 1990
Lab Run#: 5884
Matrix: SOIL

Sample#	Client Sample ID	Surrogate	% Recovered	Recovery Limits
121687-1	SB-1-15'	2-FLUOROBIPHENYL	86.0	30-115
121687-1	SB-1-15'	P-TERPHENYL-D14	90.4	18-137
121687-1	SB-1-15'	2,4,6-TRIBROMOPHENOL	57.2	19-122

Sample#	QC Sample Type	Surrogate	% Recovered	Recovery Limits
122567-1	*Reagent blank (MDB)*	NITROBENZENE-D5	68.5	23-120
122567-1	*Reagent blank (MDB)*	2-FLUOROBIPHENYL	66.3	30-115
122567-1	*Reagent blank (MDB)*	P-TERPHENYL-D14	57.8	18-137
122567-1	*Reagent blank (MDB)*	PHENOL-D5	64.0	24-113
122567-1	*Reagent blank (MDB)*	2-FLUOROPHENOL	64.0	25-121
122567-1	*Reagent blank (MDB)*	2,4,6-TRIBROMOPHENOL	70.7	19-122
122568-1	*Spiked blank (BSP)*	NITROBENZENE-D5	76.6	23-120
122568-1	*Spiked blank (BSP)*	2-FLUOROBIPHENYL	77.1	30-115
122568-1	*Spiked blank (BSP)*	P-TERPHENYL-D14	72.0	18-137
122568-1	*Spiked blank (BSP)*	PHENOL-D5	74.0	24-113
122568-1	*Spiked blank (BSP)*	2-FLUOROPHENOL	71.9	25-121
122568-1	*Spiked blank (BSP)*	2,4,6-TRIBROMOPHENOL	86.5	19-122
122569-1	*Spiked blank duplicate (BSD)*	NITROBENZENE-D5	74.1	23-120
122569-1	*Spiked blank duplicate (BSD)*	2-FLUOROBIPHENYL	75.5	30-115
122569-1	*Spiked blank duplicate (BSD)*	P-TERPHENYL-D14	68.1	18-137
122569-1	*Spiked blank duplicate (BSD)*	PHENOL-D5	72.3	24-113
122569-1	*Spiked blank duplicate (BSD)*	2-FLUOROPHENOL	67.2	25-121
122569-1	*Spiked blank duplicate (BSD)*	2,4,6-TRIBROMOPHENOL	90.0	19-122
122570-1	*Matrix spike (MS)*	NITROBENZENE-D5	67.3	23-120
122570-1	*Matrix spike (MS)*	2-FLUOROBIPHENYL	67.8	30-115
122570-1	*Matrix spike (MS)*	P-TERPHENYL-D14	81.6	18-137
122570-1	*Matrix spike (MS)*	PHENOL-D5	66.1	24-113
122570-1	*Matrix spike (MS)*	2-FLUOROPHENOL	65.2	25-121
122570-1	*Matrix spike (MS)*	2,4,6-TRIBROMOPHENOL	78.1	19-122
122571-1	*Matrix spike duplicate (MSD)*	NITROBENZENE-D5	71.8	23-120

S101
QCSURR1229 MIKELEE 25-Mar-97 11

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

March 25, 1997

Submission #: 9703231

MCCAMPBELL ANALYTICAL, INC.

Atten: Ed Hamilton

Project: T-BURROWS *Project#:* 8243
Received: March 18, 1997

re: **Surrogate** report for 1 sample for Semivolatile Organic Compounds
Method: SW846 Method 8270A Nov 1990
Lab Run#: 5884

122571-1	*Matrix spike duplicate (MSD)*	2-FLUOROBIPHENYL	79.8	30-115
122571-1	*Matrix spike duplicate (MSD)*	P-TERPHENYL-D14	83.1	18-137
122571-1	*Matrix spike duplicate (MSD)*	PHENOL-D5	69.7	24-113
122571-1	*Matrix spike duplicate (MSD)*	2-FLUOROPHENOL	66.7	25-121
122571-1	*Matrix spike duplicate (MSD)*	2,4,6-TRIBROMOPHENOL	87.2	19-122

5101
QCSURR1229 MIKELEE 25-Mar-97 11

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(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 03/12/97 Matrix: Soil

Analyte	Concentration (mg/kg) Sample (#68829)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	2.007	1.929	2.03	99	95	4.0
Benzene	0.000	0.202	0.232	0.2	101	116	13.8
Toluene	0.000	0.218	0.240	0.2	109	120	9.6
Ethylbenzene	0.000	0.210	0.224	0.2	105	112	6.5
Xylenes	0.000	0.632	0.664	0.6	105	111	4.9
TPH (diesel)	0	323	307	300	108	102	5.0
TRPH (oil and grease)	0.0	21.2	22.4	20.8	102	108	5.5

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 03/13/97 Matrix: Soil

Analyte	Concentration (mg/kg) Sample (#68829)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	1.950	1.968	2.03	96	97	0.9
Benzene	0.000	0.192	0.206	0.2	96	103	7.0
Toluene	0.000	0.200	0.216	0.2	100	108	7.7
Ethylbenzene	0.000	0.194	0.208	0.2	97	104	7.0
Xylenes	0.000	0.578	0.620	0.6	96	103	7.0
TPH (diesel)	0	318	328	300	106	109	3.1
TRPH (oil and grease)	0.0	20.1	20.3	20.8	97	98	1.0

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR HYDROCARBON ANALYSES

Date: 03/19/97 Matrix: Soil

Analyte	Concentration (mg/kg) Sample (#68829)	MS	MSD	Amount Spiked	% Recovery MS	MSD	RPD
TPH (gas)	0.000	1.937	1.976	2.03	95	97	2.0
Benzene	0.000	0.208	0.194	0.2	104	97	7.0
Toluene	0.000	0.218	0.204	0.2	109	102	6.6
Ethylbenzene	0.000	0.206	0.196	0.2	103	98	5.0
Xylenes	0.000	0.628	0.596	0.6	105	99	5.2
TPH (diesel)	0	327	325	300	109	108	0.6
TRPH (oil and grease)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

QC REPORT FOR EPA 8010/8020/EDB

Date: 03/21/97 Matrix: Soil

Analyte	Concentration (ug/kg)				% Recovery		
	Sample (#68839)	MS	MSD	Amount Spiked	MS	MSD	RPD
1,1-DCE	0	113	119	100	113	119	5.2
Trichloroethene	0	95	100	100	95	100	5.1
EDB	0	80	84	100	80	84	4.9
Chlorobenzene	0	94	96	100	94	96	2.1
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobz (PID)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

% Rec. = (MS - Sample) / amount spiked x 100

RPD = (MS - MSD) / (MS + MSD) x 2 x 100

0231'121687-

32587

McCAMPBELL ANALYTICAL

110 2nd AVENUE, # D7
PACHECO, CA 94553

(510) 798-1620 FAX (510) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY ☐ ROUTINE

REPORT TO: Ed Hamilton BILL TO: MAI

PROJECT NUMBER: 8243 PROJECT NAME: T-Burrows

PROJECT LOCATION: OAKLAND

ANALYSIS REQUEST | OTHER

SUBM #: 9703231 REP: M
CLIENT: MCCAM
DUE: 03/25/97
REF #: 32587

SAMPLE ID	LOCATION	SAMPLING DATE	SAMPLING TIME	# CONTAINERS	TYPE CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	METHOD PRESERVED: HCL	HNO_3	ICE	OTHER	EPA 601/8010	EPA 602/8020	EPA 608/8080	EPA 608/8080 – PCBs Only	EPA 624/8240/8260	EPA 625/8270	CAM – 17 Metals	EPA – Priority Pollutant Metals	LUFT Metals	LEAD (7240/7421/239.2/6010)	ORGANIC LEAD	RCI	COMMENTS
SB-1-15'		3/11/97		1	VOA		X						X							X							74298

RELINQUISHED BY: [signature] DATE 3/18/97 TIME 3:10:97 RECEIVED BY: [signature]

RELINQUISHED BY: [signature] DATE 3-18-97 TIME 1500 RECEIVED BY: [signature]

RELINQUISHED BY: [signature] DATE 3/18/97 TIME 15:02 RECEIVED BY LABORATORY: [signature]

REMARKS:

8240/8260

CHAIN OF CUSTODY

TAC ENVIRONMENTAL SERVICES
151 Linc. Road, Cordelia, CA. 94585

Project Name: BURROUGHS
Project #: SF026-043 | Location: OAKLAND
Laboratory: McCAMPBELL ANALYTICAL
Sampler Signature: N.C. Sali

Date: 3-12-91
Sheet 1 of 2

TURN AROUND TIME: RUSH ☐ | 24 HOUR ☐ | 48 HOUR ☐ | NORMAL ☒

SAMPLE I.D.	LOCATION	Sampling Date	Sampling Time	Matrix	# containers	BTEX & TPH as Gasoline (602/8020 & 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/ 5520 B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601/8010 Purgeable Halocarbons	EPA 602/8020 Purgeable Aromatics	EPA 608/8080 Organochlorine Pesticides and PCB's	EPA 608/8000 PCB's - only	EPA 624/8240/8260 Purgeable Organics (Add-on 3/7/91 per D.S. 5d TAT)	CAM 17 metals	Pb, Cr, Cd, Ni, Zn	RCI	8270 (Add-on 3/7/91 per D.S. 5d TAT)				COMMENTS
SB-1	5'	3-11		S	1	X	X	X						X				X				74296
SB-1	10'	3-11		S	1																	74297
SB-1	15'	3-11		S	1									X				X				74298
SB-1	20'	3-11		S	1																	74299
SB-2	5'	3-11		S	1																	74300
SB-2	10'	3-11		S	1																	74301
SB-2	15	3-11		S	1																	74302
SB-3	5'	3-11		S	1																	74303
SB-3	10'	3-11		S	1																	74304
SB-3	15'	3-11		S	1																	74305
SB-3	20'	3-11		S	1	↓	↓	↓														74306

Relinquished by:	Date	Time	Received by:
Mary E Parker	3/12/91	1145	S.J. Harden
S.J. Harden	3/12/91	3:15	Heidi Rieca

Remarks:

ICE/T° ____
GOOD CONDITION ✓
HEAD SPACE ABSENT ____

PRESERVATIVE APPROPRIATE ✓
CONTAINERS ✓

VOAS	O&G	METALS	OTHER

TAC FORM #F-004

CHAIN OF CUSTODY

TAC ENVIRONMENTAL SERVICES
151 Link Road, Cordelia, CA, 94585

Project Name: BURROWS
Project #: SF026-043 | Location: OAKLAND
Laboratory: McCAMPBELL ANALYTICAL
Sampler Signature: N.C. Sali

Date: 3-12-91
Sheet 2 of 2

TURN AROUND TIME
RUSH ☐ 24 HOUR ☐
48 HOUR ☐ NORMAL ☒

SAMPLE I.D.	LOCATION	Sampling Date	Sampling Time	Matrix	# containers	BTEX & TPH as Gasoline (602/8020 & 8015) / MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/ 5520 B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601/8010 Purgeable Halocarbons	EPA 602/8020 Purgeable Aromatics	EPA 608/8080 Organochlorine Pesticides and PCB's	EPA 608/8080 PCB's - only	EPA 624/8240/8260 Purgeable Organics	CAM 17 metals	Pb, Cr, Cd, Ni, Zn	RCI	OTHER: 8270	COMMENTS
SB-4	5'	3-11		S	1	X	X	X						X				X	74307
SB-4	15'	3-11		S	1	↓	↓	↓											74308
SB-4	20'	3-11		S	1	↓	↓	↓											74309

	Date	Time		
Relinquished by: Mary E Parker	3/12/91	1145	Received by: S.J. Harden	
Relinquished by: S.J. Harden	3/12/91	3:15	Received by: Linda Pucia	
Relinquished by:	Date	Time	Received by:	

Remarks:

TAC FORM #F-004

APPENDIX B

FIELD BORE LOGS

UNIFIED SOILS CLASSIFICATION SYSTEM

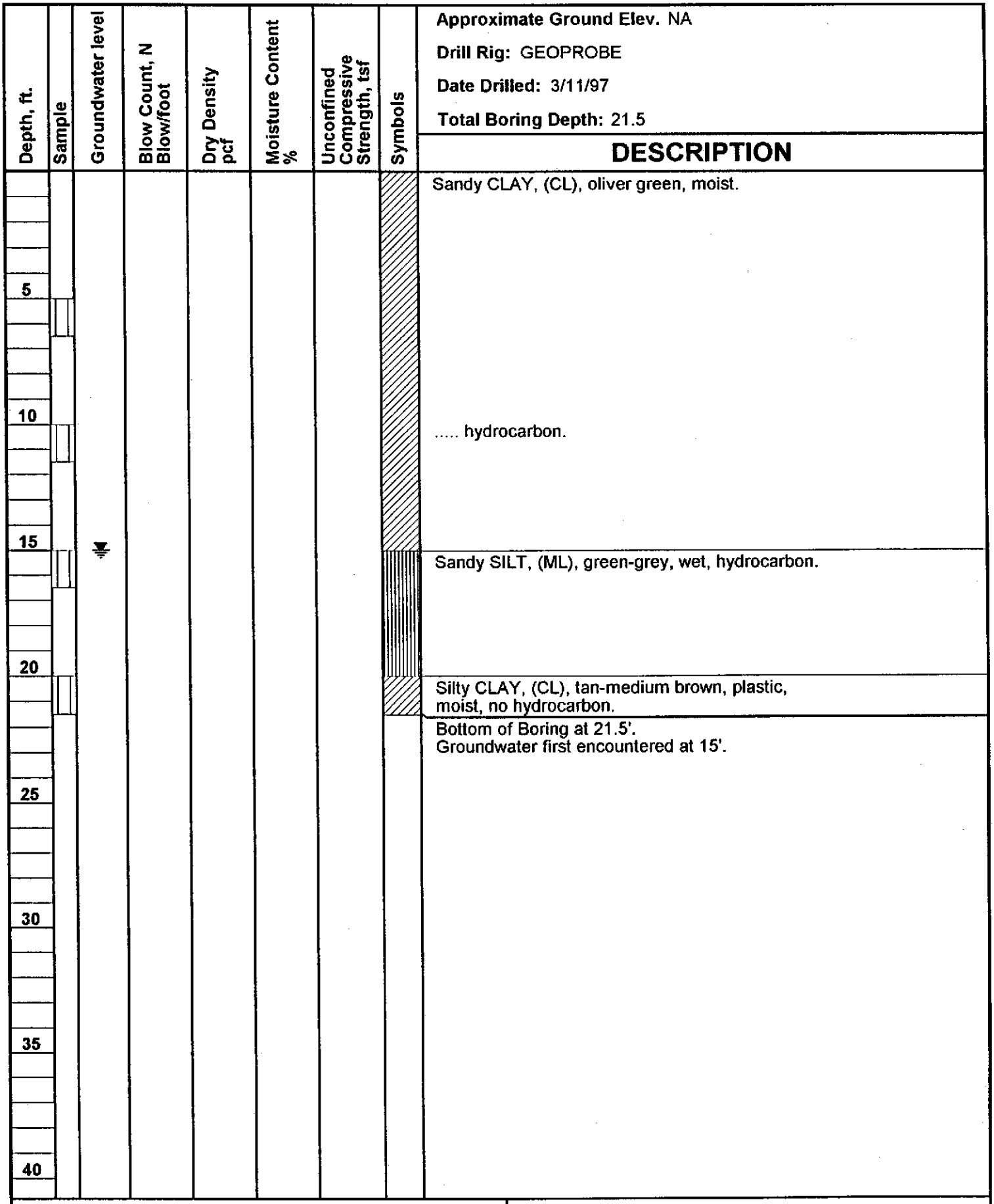
MAJOR DIVISIONS		GROUP SYMBOLS	TYPICAL NAMES
COARSE GRAINED SOIL	GRAVEL AND GRAVELLY SOILS	GW	Well-graded gravels or gravel-sand mixtures, little or no fines.
		GP	Poorly-graded gravels or gravel-sand mixtures, little or no fines.
		GM	Silty gravels, gravel-sand-silt mixtures.
		GC	Clayey gravels, gravel-sand-clay mixtures.
	SAND AND SANDY SOILS	SW	Well-graded sands or gravelly sand, little or no fines.
		SP	Poorly-graded sands or gravelly sand, little or no fines.
		SM	Silty sands, sand-silt mixtures.
		SC	Clayey sands, sand-clay mixtures.
FINE GRAINED SOIL	SILTS AND CLAYS LL < 50	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
		CL	Inorganic clays of low to medium plasticity, silty clays, lean clays, gravelly clays, sandy clays.
		OL	Organic silts and organic silt-clays of low plasticity.
	SILTS AND CLAYS LL > 50	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
		CH	Inorganic clays of high plasticity, fat clays.
		OH	Organic clays of medium to high plasticty, organic silts.
HIGHLY ORGANIC SOILS		Pt	Peat and other highly organic soils.

	STANDARD PENETRATION SPLIT SPOON SAMPLE	NR	NO RECOVERY
	1" THIN WALL - GEOPROBE SAMPLE	NFWE	NO FREE WATER ENCOUNTERED
	MODIFIED PORTER SAMPLE (2.5-in. I.D.)	Pp	POCKET PENETROMETER (FIELD)
	MODIFIED CALIFORNIA SAMPLE (2.0-in. I.D.)	∇_1	WATER LEVEL AT BORING COMPLETION
		∇_2	WATER LEVEL DURING DRILLING

NOTES:

1. Figures in blow count column denote the number of blows of a 140 pounds automatic hammer falling 30" per blow required to drive a sampler through the first 6 inches and the last 12 inches or the distance shown.
2. The lines separating strata on the logs represent approximate boundaries only. The actual transition may be gradual. No warranty is provided as to the continuity of soil strata between borings. Logs represent the soil section encountered at the boring location on the date of drilling only.

FAULTLINE ASSOCIATES, INC.			BORING LOG LEGEND	
PROJECT NO.	DATE:	DRAWN BY:	BURROWS OAKLAND, CALIFORNIA	PLATE: A - 1
SF026-043	8/20/97	WSC		



FAULTLINE ASSOCIATES, INC			LOG OF BORING NO. SB-1	
PROJECT No.	DATE:	DRAWN BY:	BURROWS OAKLAND, CALIFORNIA	FIGURE: A-2
SF026-043	3/11/97	PLC		

Depth, ft.	Sample	Groundwater level	Blow Count, N Blow/foot	Dry Density pcf	Moisture Content %	Unconfined Compressive Strength, tsf	Symbols	DESCRIPTION
								Approximate Ground Elev. NA **Drill Rig:** GEOPROBE **Date Drilled:** 3/11/97 **Total Boring Depth:** 20
								Silty CLAY, (CL), green, dry, dense, hydrocarbon.
5								
10		▼						SAND, (SW), green, coarse grained, wet, hydrocarbon.
15								Silty SAND with clay, (SM-SC), green, wet, no hydrocarbon.
20								CLAY, (CL), brown, sample refusal, no hydrocarbon. Bottom of Boring at 20'. Groundwater first encountered at 9. 5'.
25								
30								
35								
40								

FAULTLINE ASSOCIATES, INC

LOG OF BORING NO. SB-2

PROJECT No.	DATE:	DRAWN BY:	BURROWS OAKLAND, CALIFORNIA	FIGURE: A-3
SF026-043	3/11/97	PLC		

Depth, ft.	Sample	Groundwater level	Blow Count, N Blow/foot	Dry Density pcf	Moisture Content %	Unconfined Compressive Strength, tsf	Symbols	Approximate Ground Elev. NA Drill Rig: GEOPROBE Date Drilled: 3/11/97 Total Boring Depth: 21.5 **DESCRIPTION**
								Silty CLAY, (CL), green, dry, no hydrocarbon.
5								
10								..... hydrocarbon, green-olive
		▼						
15								SAND, (SW), tan, hydrocarbon.
								Silty CLAY, (CL), oliver
20								CLAY, (CL), brown, stiff.
								Bottom of Boring at 21.5'. Groundwater first encountered at 13'.
25								
30								
35								
40								

FAULTLINE ASSOCIATES, INC			LOG OF BORING NO. SB-3	
PROJECT No.	DATE:	DRAWN BY:	BURROWS OAKLAND, CALIFORNIA	FIGURE: A-4
SF026-043	3/11/97	PLC		

Depth, ft.	Sample	Groundwater level	Blow Count, N Blow/foot	Dry Density pcf	Moisture Content %	Unconfined Compressive Strength, tsf	Symbols	DESCRIPTION
								Approximate Ground Elev. NA **Drill Rig:** GEOPROBE **Date Drilled:** 3/11/97 **Total Boring Depth:** 21.5
								Sandy CLAY, (CL), brown, dry.
5								
10								CLAY, (CL), tan-brown, stiff, no sample recovery.
15		▼						
								SAND-CLAY, (SC), wet, hydrocarbon.
20								Sandy CLAY, (CL), brown, moist, no hydrocarbon.
								Bottom of Boring at 21.5'. Groundwater first encountered at 14.
25								
30								
35								
40								

FAULTLINE ASSOCIATES, INC

LOG OF BORING NO. SB-4

PROJECT No.	DATE:	DRAWN BY:	BURROWS OAKLAND, CALIFORNIA	FIGURE: A-5
SF026-043	3/11/97	PLC		

APPENDIX C

MANIFESTS

Please print or type.
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1
	001	

GENERATOR

3. Generator's Name and Mailing Address: T-Burrows site
260 30th Street, Oakland, CA

4. Generator's Phone (707)864-4760 TAC Env'l./David Solis, 151 Link Rd.,Cordelia,CA 94585

5. Transporter 1 Company Name	6. US EPA ID Number
Delta Tech Service, Inc.	CAD980887202

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

9. Designated Facility Name and Site Address	10. US EPA ID Number
Seaport Environmental 675 Seaport Boulevard Redwood City, CA 94063	

A. Transporter's Phone 707-745-2080
B. Transporter's Phone
C. Facility's Phone 415-364-8154

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-hazardous waste liquid, NOS, water containing traces of hydrocarbons and sediment	001	TT	500	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Profile approval #

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Use rubber gloves and splash protection

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

12 BLS C5 Rev. 4/94

GENERATOR'S COPY

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. CA T0H1[illegible]9100 Manifest Document No.

2. Page 1 of 1

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

3. Generator's Name and Mailing Address: ROBERT + RUTH [illegible]
318 DIABLO ROAD
DANVILLE CA. 94526

4. Generator's Phone (510) 743-1854

A. State Manifest Document Number: 96051478

B. State Generator's ID:

C. State Transporter's ID:

5. Transporter 1 Company Name: Universal Environmental

6. US EPA ID Number: CA0000961275

D. Transporter's Phone: 707-747-6699

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
6880 Smith Ave
Newark, CA 94560

10. US EPA ID Number: CAD980887418

G. State Facility's ID:

H. Facility's Phone: 1800 972-5284

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. MOTOR/WASTE OIL II	01	TT	1,000-	G	State / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above

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

15. Special Handling Instructions and Additional Information

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	Signature	Month	Day	Year
SHAWN D. SMITH (T.A.C)	[signature] (T.A.C)	02	19	96

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	02	19	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

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.

DTSC 8022A (1/95)
EPA 8700—22

Yellow: GENERATOR RETAINS

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

96051478

APPENDIX D

PERMITS

City Of Oakland

FIRE PREVENTION BUREAU

421 - 14th Street, Oakland California
94612
510-238-3851

Permit To Excavate And Install, Repair, Or Remove Inflammable Liquid Tanks

Oakland, California June 2, 1997

Tank Permit Number: 51-97

Permission Is Hereby Granted To:

Close in Place a waste oil **Tank And Excavate Commencing:** **Feet Inside:** property **Line.**

On The: Northwest side of 30th St., 500 feet east of Broadway

Site Address: 260 30th St. **Present Storage:** waste oil

Owner: Ruth A. Burrows **Address:** 318 Diablo Blvd., Danville **Phone:** 743-1854

Applicant: David solis **Address:** 151 Link Rd., Cordelia, Ca 94585 **Phone:** (707) 864-4760

Dimensions Of Street (sidewalk) Surface To Be Disturbed : **X** **No. Of Tanks** 1 **Capacity** 1000 **Gallons, Each**

Remarks

This Permit Is Granted In Accordance With Existing City Ordinances. Owner Hereby Agrees To Remove Tanks On Discontinuance Of Use Or When Notified By The City Authorities When Installing, Removing Or Repairing Tanks, No Open Flame To Be On Or Near Premises.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Approved: _____

Tank Removal: Inspected And Passed On: _____

By: _____

Tank Installations:

Inspection Fee Paid: $ _____

Pressure Test: Inspected By: _____ **Date:** _____

Received By: _____

Primary Piping Test: Inspected By: _____ **Date:** _____

Secondary Containment & Some Testing:

Inspected By: _____ **Date:** _____

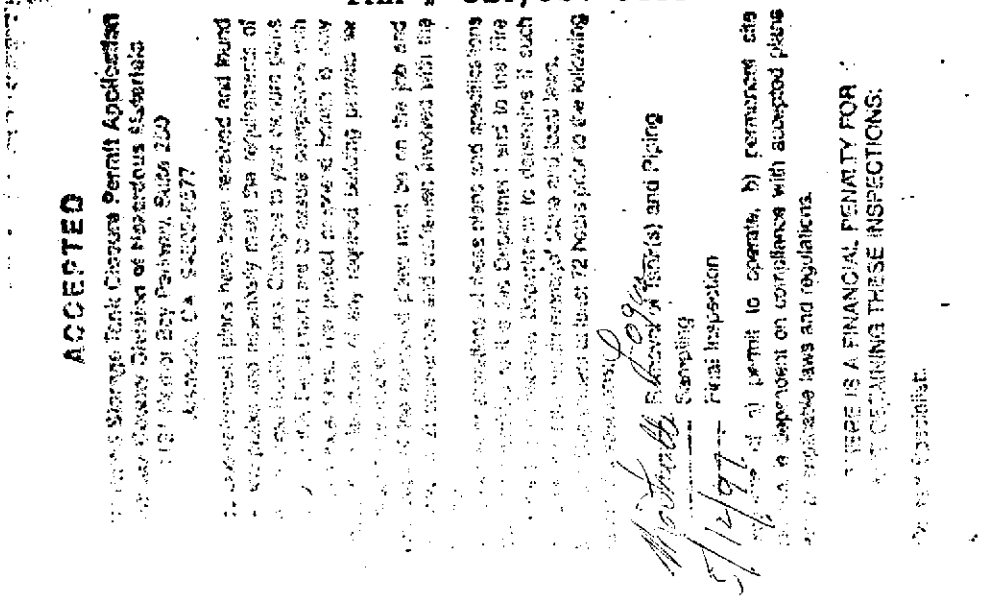
Final: Inspected By: _____ **Date:** _____

Before Covering Tanks, Above Certification Must Be Signed When Ready For Inspection Notify Fire Prevention Bureau 238-3851

THIS PERMIT MUST BE LEFT ON THE WORK SITE AS AUTHORITY THEREFORE

Project Specialist

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PARKWAY, RM 250
ALAMEDA, CA 94502-6577
PHONE # 510/567-6700
FAX # 510/337-9335



UNDERGROUND TANK CLOSURE PLAN

*** * * Complete according to attached instructions * * ***

1. Name of Business Robert and Ruth Burrows Trust

   Business Owner or Contact Person (PRINT) Bruce Burrows

2. Site Address 260 30th Street

   City Oakland Zip 94611 Phone 510-743-1854

3. Mailing Address 318 Diablo Blvd.

   City Danville Zip 94526 Phone 510-743-1854

4. Property Owner Robert and Ruth Burrows Trust

   Business Name (if applicable) _____

   Address 318 Diablo Blvd.

   City, State Danville, CA Zip 94526

5. Generator name under which tank will be manifested Ruth Burrows

   EPA ID# under which tank will be manifested C A _ _ _ _ _ _ _ _ _

1147

6. Contractor Not Applicable - Tank will be closed in place

Address _____

City _____ Phone _____

License Type* _____ ID# _____

***Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.**

7. Consultant (if applicable) TAC Environmental Services

Address 151 link Road

City, State Cordelia, CA Phone 707-864-4760

8. Main Contact Person for Investigation (if applicable)

Name David Solis, P.E. Title Sr. Project Manager

Company TAC Environmental Services

Phone 707-864-4760

9. Number of underground tanks being closed with this plan 1

Length of piping being removed under this plan 10 ft. grouted in place

Total number of underground tanks at this facility (**confirmed with owner or operator) 1

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

**** Underground storage tanks must be handled as hazardous waste ****

a) Product/Residual Sludge/Rinsate Transporter

Name Universal Environmental EPA I.D. No. _____

Hauler License No. _____ License Exp. Date _____

Address P.O. Box 996

City Benicia State CA Zip 94510

b) Product/Residual Sludge/Rinsate Disposal Site

Name Evergreen EPA ID# _____

Address 6880 Smith Ave.

City Newark State CA Zip 94560

c) Tank and Piping Transporter

Name Not Applicable EPA I.D. No. _____

Hauler License No. _____ License Exp. Date _____

Address _____

City _____ State _____ Zip _____

d) Tank and Piping Disposal Site

Name Not Applicable EPA I.D. No. _____

Address _____

City _____ State _____ Zip _____

11. Sample Collector

Name David C. Solis, P.E.

Company TAC Environmental Services

Address 151 Link Rd.

City Cordelia State CA Zip 94585 Phone 707-864-4760

12. Laboratory

Name Mc Campbell Analytical

Address 110 2nd Ave., south, #D7

City Pacheo State CA Zip 94553

State Certification No. _____

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

If yes, describe. _____

14. **Describe methods to be used for rendering tank(s) inert:**

Tank will be rinsed, applied with dry ice and pressure grouted

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

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.

15. Tank History and Sampling Information *** **(see instructions)** ***

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
1,000 gal	Waste Motor Oil 1975	See TAC Work Plan	See TAC Work plan Changes to workplan: (1) At least 2 soil samples at different depths (one close to g.w.) should be analyzed from each boring

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

(2) One of the borings should be angled under the tank.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (estimated)	**Sampling Plan**
	See TAC Work Plan

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

Will the excavated soil be returned to the excavation immediately after tank removal? [ ] yes [x] no [ ] unknown

If yes, explain reasoning _____

_____

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling operations.

16. Chemical methods and associated detection limits to be used for analyzing samples:
The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed.
See attached Table 2.

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
See TAC Work	Plan		

18. **Submit Worker's Compensation Certificate copy**

Name of Insurer _____

19. **Submit Plot Plan ***(See Instructions)*****

20. Enclose Deposit (See Instructions)

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

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

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

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

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

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

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

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

CONTRACTOR INFORMATION

Name of Business TAC Environmental services

Name of Individual David Solis, P.E.

Signature D. C. Sol Date 3/7/97

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business Robert and Ruth Burrows Trust

Name of Individual Bruce Burrows - Client Representative

Signature Bruce A Burrows Date 3/7/97

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 ☐ 6 TEMPORARY SITE CLOSURE ☐ 7 PERMANENTLY CLOSED SITE

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

DBA OR FACILITY NAME	NAME OF OPERATOR
	Robert and Ruth Burrows
ADDRESS: 260 30th Street, Oakland, CA	NEAREST CROSS STREET: Broadway / PARCEL # (OPTIONAL)
CITY NAME	STATE: CA / ZIP CODE / SITE PHONE # WITH AREA CODE

✔ 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	☐	1	CAC001065200

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
Burrows, Bruce	510-743-1854	Solis, David	510-274-0534
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
Burrows, Bruce	510-254-8220		

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME	CARE OF ADDRESS INFORMATION
Burrows, Bruce, Robert, Ruth	
MAILING OR STREET ADDRESS: 318 Diablo Blvd.	✔ box to indicate: ☒ INDIVIDUAL ☐ LOCAL-AGENCY ☐ STATE-AGENCY ☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: Danville, CA / STATE / ZIP CODE: 94526	PHONE # WITH AREA CODE: 510-743-1854

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER	CARE OF ADDRESS INFORMATION
Burrows, Bruce, Robert, Ruth	
MAILING OR STREET ADDRESS: 318 Diablo Blvd.	✔ box to indicate: ☒ INDIVIDUAL ☐ LOCAL-AGENCY ☐ STATE-AGENCY ☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: Danville, CA / STATE / ZIP CODE: 94526	PHONE # WITH AREA CODE: 510-743-1854

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 ☐ 7 STATE FUND ☒ 8 STATE FUND & CHIEF FINANCIAL OFFICER LETTER ☐ 9 STATE FUND & CERTIFICATE OF DEPOSIT ☐ 10 LOCAL GOVT. MECHANISM ☐ 99 OTHER _____

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

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

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

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

TANK OWNER'S NAME (PRINTED & SIGNATURE)	TANK OWNER'S TITLE	DATE MONTH/DAY/YEAR

LOCAL AGENCY USE ONLY

COUNTY # ☐☐ JURISDICTION # ☐☐☐ FACILITY # ☐☐☐☐☐☐

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

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

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

FORM A (6-95)

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:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. #	B. MANUFACTURED BY:
C. DATE INSTALLED (MO/DAY/YEAR) 1930 ?	D. TANK CAPACITY IN GALLONS: 1,000

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) ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___
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?
1975	1,000 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

LOCAL AGENCY USE ONLY

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

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

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

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