

T. W. Richardson

92112116
Leasing Office
480 Roland Way
Oakland, CA 94621
(510) 562-9797

November 16, 1992

Ms. Susan Hugo
Alameda County Department of Environ-
mental Health
80 Swan Way, Suite 200
Oakland, CA 94621

RECEIVED

By lopprojectop at 1:49 pm, Jun 09, 2006

Re: 6603 Bay Street, Emeryville, CA

Dear Ms. Hugo:

Thank you for your time this morning. As we discussed, I would appreciate it if you would reevaluate the site to determine if the February 21, 1990 ACDEH direction letter can be revised to reflect the considerable data available in the area, including the monitoring wells directly south and southwest of the excavation site, MW-5 and MW-7. We believe that we are surrounded by the sources and remedies of the contamination found on our site, and that any remediation of our site should be integrated with the regional remediation already under way.

I enclose the following as background information:

1. PES Environmental monitoring well study summary from November 1989 through May, 1992, for MW-5 and MW-7, located south and southwest of the 6603 Bay Street excavation;
2. Letter from Engineering Science, Inc. dated 18 March 1991, stating that ES had corrected the initial report of 94,000 ppm to 94 ppm; as you stated last Friday, there is no evidence in your file that they had done so;
3. Summary results of testing at 6601 and 6603 Bay Street at the time of their respective excavations, 8/23/89 and 10/10/89;
4. BC Analytical report dated 14 May, 1991 for the soil stockpile at 6603 Bay Street prior to disposal;
5. Summary results of Mike Roberts Color Productions site, 6707 Bay Street, by SCS Engineers dated January 30, 1990.

Mailing Address: P.O. Box 7817 • Berkeley, CA 94707

Analytical Report

LOG NO: E91-05-335

Received: 14 MAY 91

Mailed:


Mr. Tom Richardson
P.O. Box 7817
Berkeley, California 94707

Project: 6603 Bay St., Emeryville

REPORT OF ANALYTICAL RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED		
05-335-1	SS-1			
05-335-2	SS-2			
05-335-3	SS-3			
PARAMETER		05-335-1	05-335-2	05-335-3
TPH-Volatile/BTEX				
Date Analyzed		06.01.91	06.01.91	06.01.91
Dilution Factor, Times		1	1	1
Benzene, mg/kg		<0.005	<0.005	<0.005
Ethylbenzene, mg/kg		<0.005	<0.005	<0.005
Toluene, mg/kg		<0.005	<0.005	<0.005
Total Xylene Isomers, mg/kg		<0.005	<0.005	<0.005
C4 to C12 Hydrocarbons, mg/kg		<0.1	<0.1	<0.1
Other TPH-Volatile/BTEX		---	---	---


Sim D. Lessley, Ph.D., Laboratory Director



COPY

ENVIRONMENTAL ASSESSMENT
6707 BAY STREET
EMERYVILLE, CALIFORNIA

Prepared for:

Mr. Robert P. Gates
Erskine and Tulley
580 Market Street
San Francisco, California
94104

Prepared by:

SCS Engineers
6761 Sierra Court
Suite D
Dublin, California
94568

January 30, 1990

File No. 0389058.00



Map Source: The Thomas Guide, 1989



SCS ENGINEERS
 STEARNS, CONRAD AND SCHMIDT
 CONSULTING ENGINEERS, INC.
 8761-D SIERRA COURT
 DUBLIN, CA 94568

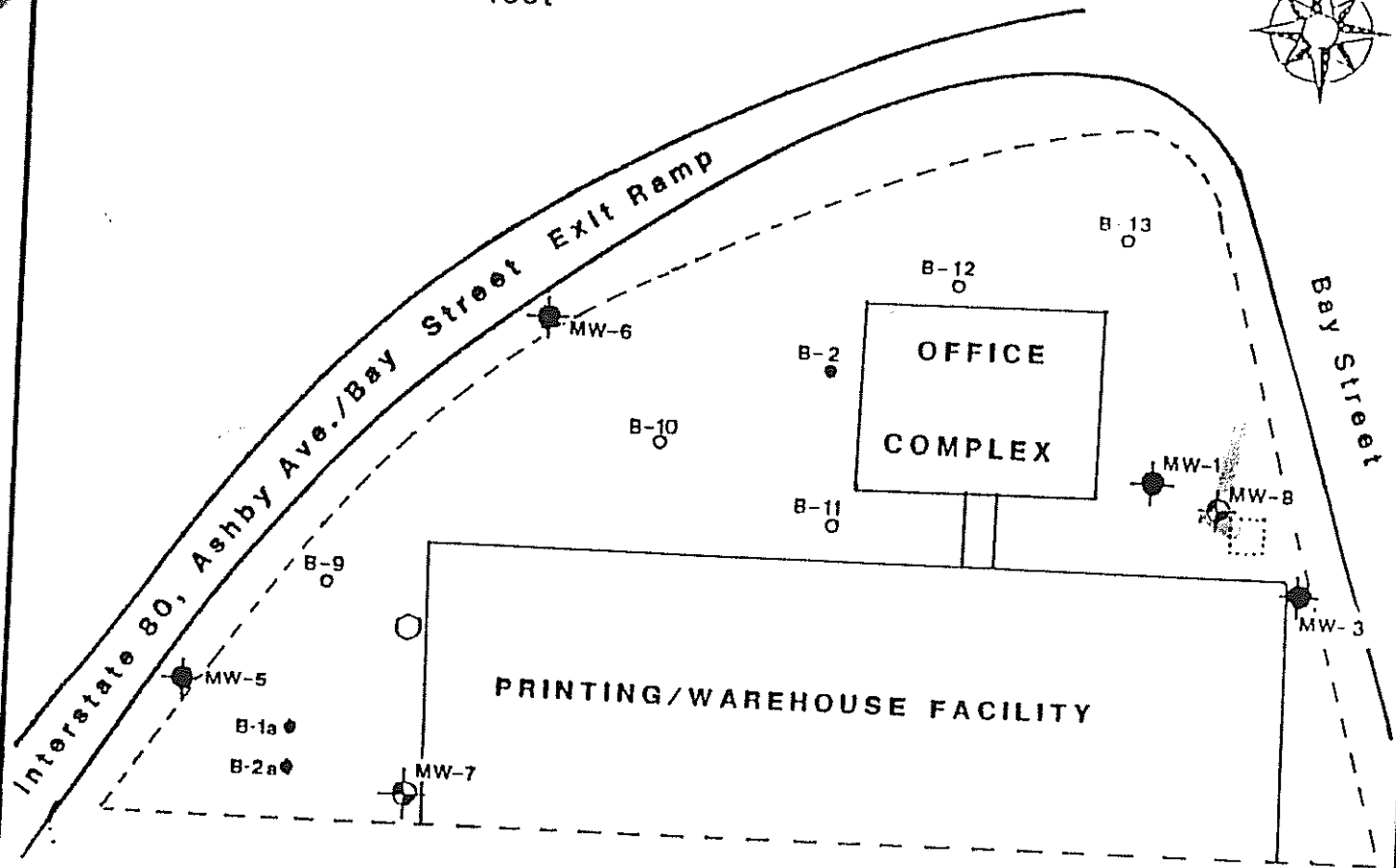
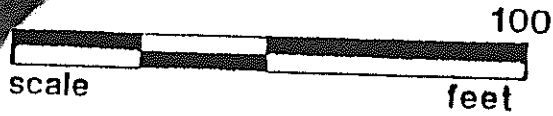
Vicinity Map
 Mike Roberts Color Productions
 6707 Bay Street
 Emeryville, California

Plate

1

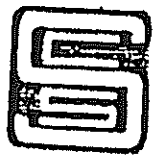
Project No. 0389058.00

Date: 12/26/89



LEGEND

- Monitor Wells, installed January 1990
- Monitor Wells installed previous to study
- Soil Boring, January 1990
- Soil Boring sampled previous to study
- Sump
- Property Line
- Excavated Tank Site



SCS ENGINEERS
 STEARNS, CONRAD AND SCHINDT
 CONSULTING ENGINEERS, INC.
 6711 D SIERRA COURT
 DUBLIN, CA 94568

Site Plan - Mike Roberts Color Production
 6707 Bay Street
 Emeryville, California

Project No. 038905B Date 1-17-90

File
2

TABLE 1

Results of Soil Sample Analyses for Gasoline, Diesel, Oil and Grease

	EPA 8015 gasoline	EPA 8015 diesel	503D oil and grease
		---mg/kg (ppm)---	
MW7-1	ND	ND	9000
MW7-2	ND	788	8800
MW8-1	ND	ND	2000
MW8-2	ND	788	20000
B9-1	ND	ND	23000
B9-2	ND	5050	15000
B10-1	ND	380	9500
B10-2	ND	ND	6300
B11-1	ND	ND	45000
B11-2	ND	ND	30400
B12-1	ND	ND	38800
B13-1	ND	ND	9400
B13-2	ND	ND	3000
Sump	ND	ND	10500

ND=not detected

Detection Limit for EPA method 8015: 10 ppm

MR Roberts

was filed informing the BAAQMD that the facility remediation systems were to be operational by July 1990 (17,20).

MRCP is not listed in the May 3, 1990 RCRA database, or the January 1, 1990 Bond Expenditure Plan (33,42).

5. HRS FACTORS

The Hazard Ranking System (HRS) is a scoring system used to assess the relative threat associated with actual or potential releases of hazardous substances from sites. It is the principal mechanism EPA uses to place sites on the National Priorities List (NPL). EPA has proposed revisions to the HRS, pursuant to the Superfund Amendments and Reauthorization Act of 1986 (SARA). FTE has evaluated the following proposed revised HRS factors relative to this site.

5.1 Waste Type and Quantity

The hazardous materials used and generated by the printing processes of MRCP included printing inks, solvent cleaning compounds, volatile and semi-volatile organic compounds, and color pigments (see Appendix C)(10,35). The highest contaminant concentrations found on the site are summarized in Table 5-1.

Contaminant	Concentration in Groundwater	Concentrations in Soil	Detection Limit	Maximum Concentration Limit
Total Petroleum Hydrocarbons	103 mg/L	5,050 mg/kg	10	NA
Oil and Grease	41 mg/L	45,000 mg/kg	NA	NA
Lead	NA	4,300 mg/kg	12	50
Zinc	NA	266,200 mg/kg	0.4	NA
Benzene	12 µg/L	50 µg/kg	5	5

PETITE ENGINEERING

6420 Wagon Loop
Placerville, CA 95667
(916) 622-3340
(FAX 621-1491)

Mr. William Dubovsky
10170 Peninsula Avenue
Cupertino, CA 95014

Project No. 90.005.01
February 14, 1990

Subject: UNDERGROUND TANK REMOVAL
6601 and 6603 Bay Street
City of Emeryville
Alameda County, California
TANK PIT CONFORMATIONAL CONTAMINANT LEVEL TESTING

- References:
1. UNDERGROUND TANK REMOVAL for NEIL MUSSALLEM at 6601 BAY STREET, EMERYVILLE, CALIFORNIA dated September 5, 1989 by WILLIAM DUBOVSKY.
 2. UNDERGROUND TANK REMOVAL for THOMAS RICHARDSON at 6603 BAY STREET, EMERYVILLE, CALIFORNIA dated October 23, 1989 by WILLIAM DUBOVSKY.

Dear Mr. Dubovsky:

At your request PETITE ENGINEERING has reviewed the referenced reports and observed site conditions on January 16 and 17 and again on February 7, 1990 to form an opinion on representative conformational contaminant level testing of the tank pit wall soils prior to backfill.

Since the first significant rain on October 17, 1989, the tank pit has received rainfall runoff from the surrounding paved areas. The water levels in the tank pit have fluctuated from being about thirteen feet from the top of the pit (during pumping to remove contaminants) to very near the top of the pit (during periods of rain). On January 16 the water level in the tank pit was about six inches from the top. On February 7 the water level was about 12 inches from the top.

The inflow of rainfall runoff and the fluctuating water levels have mixed, flushed, dispersed, and infused existing contaminants into the sidewalls and bottom of the tank pit.

Conformational soil testing of the test pit sidewalls performed after this action has taken place will give different results from testing performed during the tank removals. Contaminant levels may be higher or lower depending on the degree of contaminant dispersion or infusion.

6601 & 6603 BAY ST., EMERYVILLE
PETITE ENGINEERING

PROJECT NO. 90.005.01
FEBRUARY 14, 1990

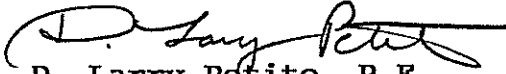
Contaminant levels taken at this time at the trench sidewalls will not be representative of the actual soil conditions surrounding the tank pit.

I recommend that soil samples obtained at a distance of five to 10 feet from the edge of the tank pit be substituted for the usual conformational soil testing of the test pit sidewalls.

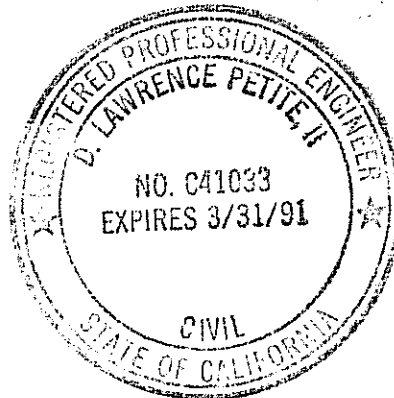
Should you have any questions or require additional information, please contact our office at your convenience.

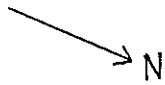
Very sincerely yours,

PETITE ENGINEERING

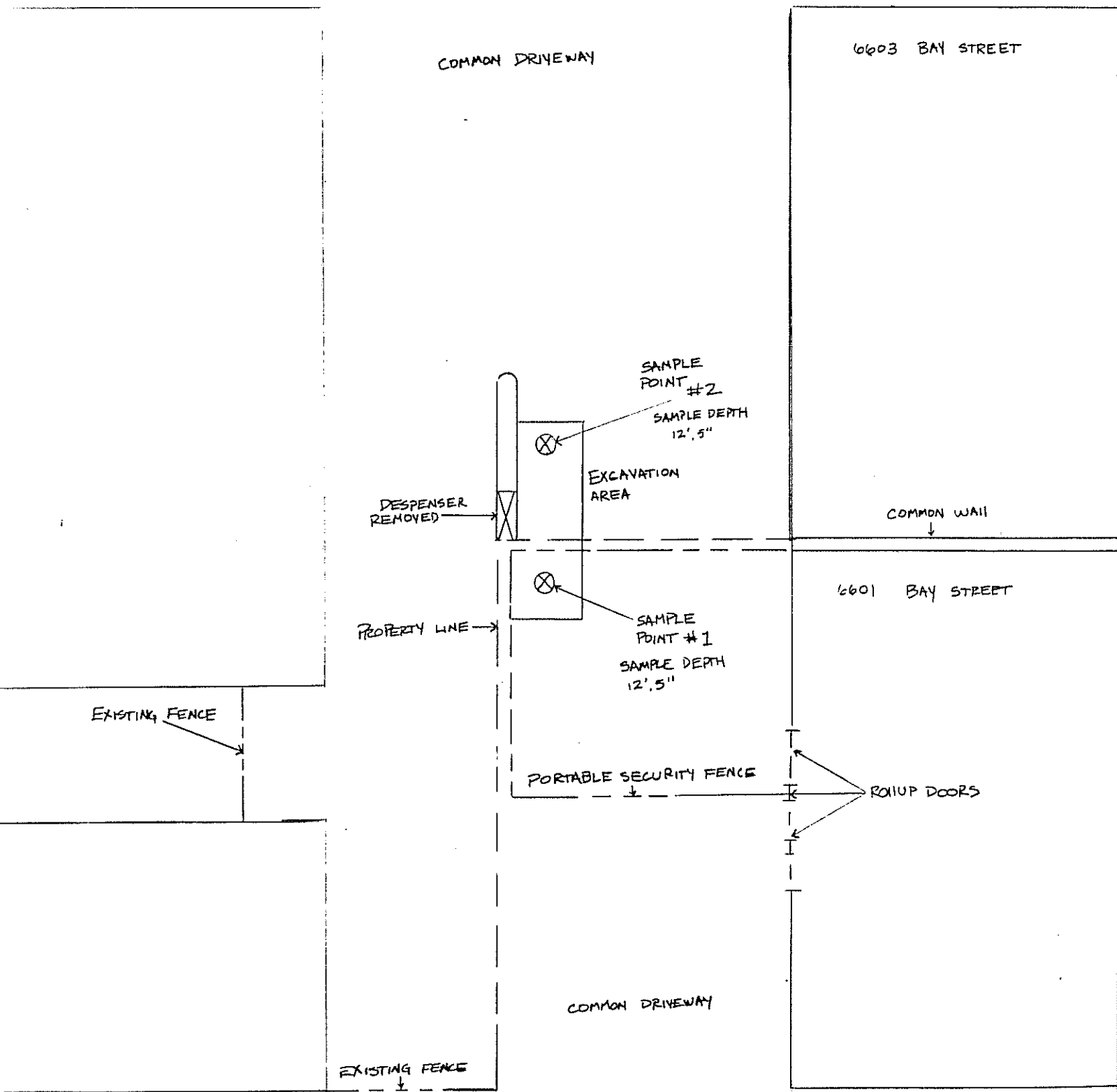

D. Larry Petite, P.E.
CA RCE 41033, Exp. 3/31/91

cc: Mr. Neil Mussallem
Mr. Thomas Richardson





HIGHWAY 880



BAY STREET

ANALYSIS DATA SHEET - PETROLEUM HYDROCARBON COMPOUNDS
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 6601 BAY STREET #1
 Matrix : SOIL
 Date sampled : 08/23/89
 Date anl.BTEX: 08/24/89
 Date ext.TPHd: 08/24/89
 Date anl.TPHd: 08/25/89

Anamatrix I.D. : 8908195-01
 Analyst : *CB*
 Supervisor : *TC*
 Date released : 08/25/89
 Date ext. TOG : N/A
 Date anl. TOG : N/A

CAS #	Compound Name	Detection Limit (ug/kg)	Amount Found (ug/kg)
71-43-2	Benzene	2000	ND
108-88-3	Toluene	2000	ND
100-41-4	Ethylbenzene	2000	ND
1330-20-7	Total Xylenes	2000	ND
	TPH as Diesel	10000	2400000

ND - Not detected at or above the practical quantitation limit for the method.
 TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following either EPA Method 3510 or 3550.
 BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

ANALYSIS DATA SHEET - PETROLEUM HYDROCARBON COMPOUNDS
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 6601 BAY STREET #2
 Matrix : SOIL
 Date sampled : 08/23/89
 Date anl.BTEX: 08/24/89
 Date ext.TPHd: 08/24/89
 Date anl.TPHd: 08/25/89

Anamatrix I.D. : 8908195-02
 Analyst : *JS*
 Supervisor : *TC*
 Date released : 08/25/89
 Date ext. TOG : N/A
 Date anl. TOG : N/A

CAS #	Compound Name	Detection Limit (ug/kg)	Amount Found (ug/kg)
71-43-2	Benzene	2000	ND
108-88-3	Toluene	2000	ND
100-41-4	Ethylbenzene	2000	ND
1330-20-7	Total Xylenes	2000	ND
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All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

William Dubovsky
Brokerage • Environmental Consultant • Project Management

February 19, 1990

Inspector Dennis Bryne
County of Alameda Dept. of Health Services
80 Swan Way, Room 200
Oakland, CA 94621

RE: Backfill of Excavation Site @ 6601 & 6603 Bay St., Emeryville

Dear Inspector Bryne:

For the following reasons we are requesting the County of Alameda Dept. of Health Services allow Neil Mussallem and Thomas Richardson of 6601 & 6603 Bay Street in Emeryville to backfill the tank excavation site.

- 1) Further excavation of this site would not be practical since, located within 2' of the most northern wall, is a railroad spur and a storm drain which parallels the pit. Also, the most southern wall is paralleled by the property line.
- 2) During the recent rains, the groundwater has risen to within 8" of the surface. The pit walls are saturated causing unstable soil and the inability to take a representative soil sample.
- 3) Currently the roadway which has been used to access the 6603 Bay Street address is within 2'6" of the excavation. As groundwater is absorbed into the ground, the walls of the pit will weaken, possibly causing a collapse. This is likely to occur due to the traffic being 70% trucks.

All backfill material will be of virgin material which will be compacted to 92% minimum; then finished to match surrounding surfaces.

Enclosed is the supporting opinion of Larry Petite RCE #C41033 addressing the issue of a valid soil sample and soil conditions.

Due to the recent stormy weather, we are requesting this matter get immediate attention so backfill can begin by February 23, 1990.

Should you have any questions or comments, do not hesitate to contact me at the phone number shown below.

Yours sincerely,


William Dubovsky

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25100.7 OF THE HEALTH AND SAFETY CODE. SIGNED: <i>Dennis J. Byrne</i> DATE: 9/6/89
REPORT DATE 08 M 30 D 8 Y 9 Y	CASE #	

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT William Dubovsky	PHONE (408) 253-5026	SIGNATURE <i>William Dubovsky</i>
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME William Dubovsky Environmental	
	ADDRESS 10170 Peninsula Avenue Cupertino CA 95014		

RESPONSIBLE PARTY	NAME <input checked="" type="checkbox"/> UNKNOWN	CONTACT PERSON	PHONE ()
	ADDRESS STREET CITY STATE ZIP		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) Leopard Trading Company	OPERATOR James Wiechers	PHONE (415) 444-0107
	ADDRESS 6601 Bay Street Emeryville Alameda 94608		
	CROSS STREET 66 th Street	TYPE OF AREA <input type="checkbox"/> COMMERCIAL <input checked="" type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER	TYPE OF BUSINESS <input type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input type="checkbox"/> OTHER

IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda County Health Agency	AGENCY NAME	CONTACT PERSON Dennis Byrne	PHONE (415) 271-4320
	REGIONAL BOARD Water Quality Control Board		Tom Callaghan	PHONE (415) 540-2043

SUBSTANCES INVOLVED	(1) NAME Diesel	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 08 M 23 D 8 Y 9 Y	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER
	DATE DISCHARGE BEGAN M M D D Y Y <input checked="" type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 08 M 23 D 8 Y 9 Y	

SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	TANKS ONLY/CAPACITY 6,000 GAL AGE 20+ YRS <input type="checkbox"/> UNKNOWN	MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER
--------------	---	---	--	---

CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	--

CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES
----------------	--

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input checked="" type="checkbox"/> REMOVE FREE PRODUCT (FP) <input checked="" type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input checked="" type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)
-----------------	---

COMMENTS
Tank and plumbing showed no signs of leaking.
Ownership of the tank is questionable approx 75% of the tank and its despsensor was located on 6603 Bay Street along with two other tan

Kaldveer Associates Geoscience Consultants

- Peter Kaldveer, P.E., G.E.
President
- Richard Short, P.E., G.E.
Executive Vice President
- Ronald L. Bajuniemi, P.E., G.E.
Vice President Engineering
- Patrick Stevens, P.E., G.E.
Associate
- David Hoaxier, CEG, R.E.A.
Associate
- Michael McRae, P.E.
Associate
- Dawn Rinaldi, P.E.
- Barbara L. Potter, P.E.
- Randy P. Rowley, R.E.A.
- Polly L. Worrall, R.E.A.

August 1, 1989
KE1094-2, 14333

Shepard, Inc.
6601 Bay Street, Suite 107
Emeryville, California

Attention: Mr. Warren Chapman

RE: SUMMARY OF FINDINGS TO DATE
PRELIMINARY ENVIRONMENTAL
ASSESSMENT AND LIMITED SOIL
AND GROUND WATER TESTING
BAY STREET
EMERYVILLE, CALIFORNIA

Dear Mr. Chapman:

In accordance with your request, we are presenting a summary of our findings to date of our preliminary environmental assessment (PEA) and limited soil and ground water testing program. The property of interest is located at 6601 Bay Street in Emeryville, California.

Our PEA to date has included: document review; discussions with various state, county, and city agency personnel; field reconnaissance; and discussions with site land owners, tenants and individuals in the near vicinity. Our soil and ground water testing program to date has included: analytically testing soil samples from two borings near an underground diesel storage tank and analytically testing a water sample from a monitoring well near the diesel tank.

→ Significant preliminary findings of the PEA investigation can be summarized as follows: within one-quarter mile of the subject sites, there are four cases of leaking underground fuel tanks and one toxic release case. All are reported to have either soil or soil and ground water contamination. Beyond the one-quarter mile radius there are an additional thirty contamination cases which have been reported to state agencies. Numerous of the reported cases of contaminated soil or ground water are located up-gradient (the general regional ground water gradient is toward the west) of the subject property.

Significant preliminary findings of our soil and ground water testing can be summarized as follows: the soil around the

N.D. MUSSALEM

(408) 847-2897
Mobile 231-3811

60 West Fifth Street
City, California 95020

Chapman & Shepard, Inc.
August 1, 1989, 14332
Page 2

underground diesel-storage tank at 6601 Bay Street is contaminated with diesel fuel; the ground water in the vicinity of the underground diesel-storage tank at 6601 Bay Street is contaminated with diesel fuel; and the concentrations of diesel contamination found in the soil and ground water exceed acceptable standards or guideline levels established by the State of California.

A summary of select analytical results and relative State standards or guideline concentrations is presented on Table 1, which follows the text of this letter.

From these early findings we would preliminarily recommend that the diesel fuel storage tank at 6601 be removed and further evaluation of soil and ground water contamination be performed.

Our final report will detail our complete findings and present conclusions and recommendations. We hope that this letter meets your needs at this time. If you have any questions, please call.

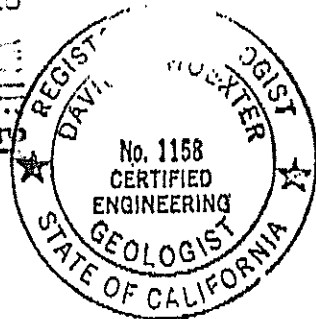
Very truly yours,

KALDVEER ASSOCIATES, INC.

Randy P. Rowley
Randy P. Rowley, R.E.A.
Senior Engineering Geologist/
Environmental Specialist

David F. Hoexter
David F. Hoexter, C.E.G./R.E.A.
Manger, Environmental/Geological
Services
Associate

DEC 29 11:11:57



RPR/DFH:pv

Copies: Addressee (1)
Neil P. Mussallem (1)

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Leopard Trading Today's Date 10/10/89

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Sids. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

Site Address 6603 Bay St.

City Emeryville Zip 94608 Phone ~~577-2718~~

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- ___ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- ___ II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

II.B ACUTELY HAZ. MAT'LS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N)
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(i)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

III. UNDERGROUND TANKS (Title 23)

- General
- ___ 1. Permit Application 25284 (H&S)
 - ___ 2. Pipeline Leak Detection 25292 (H&S)
 - ___ 3. Records Maintenance 2712
 - ___ 4. Release Report 2651
 - ___ 5. Closure Plans 2670

- Monitoring for Existing Tanks
- ___ 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
Semi-annual groundwater
One time soils
 - 3) Daily Vadose
One time soils
Annual tank test
 - 4) Monthly Gndwater
One time soils
 - 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
 - 6) Daily Inventory
Annual tank testing
Cont pipe leak det
 - 7) Weekly Tank Gauge
Annual tank test
 - 8) Annual Tank Testing
Daily Inventory
 - 9) Other _____

- ___ 7. Precs Tank Test 2643
Date: _____
- ___ 8. Inventory Rec. 2644
- ___ 9. Soil Testing . 2646
- ___ 10. Ground Water. 2647

- New Tanks
- ___ 11. Monitor Plan 2632
 - ___ 12. Access. Secure 2634
 - ___ 13. Plans Submit 2711
Date: _____
 - ___ 14. As Built 2635
Date: _____

Comments:
 2 no gasoline tanks removed from site; pit already open from removal of a diesel tank at far end of pit (separate operators) Groundwater found at about 8'; massive contamination present in pit, a brown scum floating on surface. (A leak report has already been filed for site, according to Bill Dubovsky.)
 Tanks are both covered with tar for corrosion protection - difficult to determine visually if there are any leaks; no obvious holes; however, 3 soil samples taken from sidewalls of pit; 2 from the middle (each side) of large tank and 1 from end of small tank. All samples taken from a depth of 7.5 feet, the water level recorded in on-site monitoring well.
 Contaminated water will be pumped into a tank truck, then the pit will have a water sample collected.
 Diesel pit will have confirmation soil samples taken (sidewalls). Analyzed for TPH-D, TOG

Rev 6/88

Contact: William Dubovsky

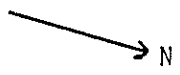
Title: _____

Signature: _____

Inspector: _____

Signature: Gilbert M. Weston

II, III



HIGHWAY 880

6603 BAY STREET

- SAMPLE POINT
- 7:50" SAMPLE DEPTH
- 8:00" GROUND WATER
- 4 SAMPLES TAKEN
- 3- SOIL
- 1- WATER

PROPOSED FENCE

WEST

SOUTH

NORTH

EXCAVATION AREA

COMMON WALL

6601 BAY STREET

PROPERTY LINE

EXISTING FENCE

EXISTING PORTABLE SECURITY FENCE

ROLLUP DOORS

COMMON DRIVEWAY

EXISTING FENCE

BAY STREET

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Permit Application

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<input type="checkbox"/> 01 New Permit	<input type="checkbox"/> 03 Installed before July 1, 1984	<input type="checkbox"/> 05 Renewed Permit	<input checked="" type="checkbox"/> 06 Amended Permit
<input type="checkbox"/> 02 Provisional Permit	<input type="checkbox"/> 04 Installed after July 1, 1984		

I Owner

Name (Corporation, Individual or Public Agency) T. W. Richardson & Co., Inc.			
Street Address 6603 Bay Street	City Emeryville	State CA	ZIP 94608

II Facility

Facility Name LEOPARD TRADING CO., INC.		Dealer / Foreman / Supervisor PATRICK MCGUIRE	
Street Address 6601 Bay Street		Nearest Cross Street 66th - Street	
City Emeryville, CA		County Alameda	ZIP 94608
Mailing Address P.O. Box 8606		City Emeryville	State CA ZIP 94662
Phone w/area code (415) 658-2557		Type of Business <input type="checkbox"/> 01 Gasoline Station <input checked="" type="checkbox"/> 02 Other: Wine Distributor	
NUMBER OF CONTAINERS AT THIS FACILITY 3	Rural Areas Only:	Township	Range
		Section	

III 24 Hour Emergency Contact Person

Days Name (last name first) and Phone w/area code Patrick McGuire (415) 658-2557	Nights Name (last name first) and Phone w/area code Patrick McGuire (415) 825-6111
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COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A. <input checked="" type="checkbox"/> 01 Tank <input type="checkbox"/> 02 Other: _____		Container Number (if there is no number, assign one): 1
B. Manufacturer (if appropriate): <u>Perkins</u> Year of Mfg.: <u>1973</u>		C. Year Installed: <u>1973</u> <input type="checkbox"/> Unknown
D. Container Capacity: <u>2000</u> gallons <input type="checkbox"/> Unknown	E. Does the Container Store (Check One): <input type="checkbox"/> 01 Waste <input checked="" type="checkbox"/> 02 Product	
F. Does the Container Store Motor Vehicle Fuel or Waste Oil? <input checked="" type="checkbox"/> 01 Yes <input type="checkbox"/> 02 No If Yes, Check appropriate box(es): <input checked="" type="checkbox"/> 01 Unleaded <input type="checkbox"/> 02 Regular <input type="checkbox"/> 03 Premium <input type="checkbox"/> 04 Diesel <input type="checkbox"/> 05 Waste Oil <input type="checkbox"/> 06 Other (List): _____		
If you answered yes; do not complete Part VIII.		

V Container Construction

A. Thickness of Primary Containment: <u>1/4</u> <input type="checkbox"/> Gauge <input checked="" type="checkbox"/> Inches <input type="checkbox"/> cm <input type="checkbox"/> Unknown	
B. <input type="checkbox"/> 01 Vaulted (Located in an underground Vault.) <input checked="" type="checkbox"/> 02 Non-vaulted <input type="checkbox"/> 03 Unknown	
C. <input type="checkbox"/> 01 Double Walled <input checked="" type="checkbox"/> 02 Single Walled <input type="checkbox"/> 03 Lined	
D. <input checked="" type="checkbox"/> 01 Carbon Steel <input type="checkbox"/> 02 Stainless Steel <input type="checkbox"/> 03 Fiberglass <input type="checkbox"/> 04 Polyvinyl Chloride <input type="checkbox"/> 05 Concrete <input type="checkbox"/> 06 Aluminum	
<input type="checkbox"/> 07 Steel Clad <input type="checkbox"/> 08 Bronze <input type="checkbox"/> 09 Composite <input type="checkbox"/> 10 Non-metallic <input type="checkbox"/> 11 Earthen Walls	
<input type="checkbox"/> 12 Unknown <input type="checkbox"/> 13 Other: _____	

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STATE ID NO. J000049307002

ENVIRONMENTAL HEALTH SERVICES
NORTH COUNTY

Permit Application



<input type="checkbox"/> 01 New Permit	<input type="checkbox"/> 03 Installed before July 1, 1984	<input type="checkbox"/> 05 Renewed Permit	<input checked="" type="checkbox"/> 06 Amended Permit
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Mailing Address P.O. Box 8606		City Emeryville	State/ZIP CA 94662
Phone w/area code (415) 658-2557		Type of Business <input type="checkbox"/> 01 Gasoline Station <input checked="" type="checkbox"/> 02 Other: Wine Distributor	
NUMBER OF CONTAINERS AT THIS FACILITY 3	Rural Areas Only:	Township	Range/Section

III 24 Hour Emergency Contact Person

Days Name (last name first) and Phone w/area code Patrick McGuire (415) 658-2557	Nights Name (last name first) and Phone w/area code Patrick McGuire (415) 825-6111
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COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A. <input checked="" type="checkbox"/> 01 Tank <input type="checkbox"/> 02 Other: _____	Container Number (if there is no number assign one) 2
B. Manufacturer (if appropriate): Perkins Year of Mfg.: 1973	C. Year Installed: 1973 <input type="checkbox"/> Unknown
D. Container Capacity: 7500 gallons <input type="checkbox"/> Unknown	E. Does the Container Store (Check One): <input type="checkbox"/> 01 Waste <input checked="" type="checkbox"/> 02 Product
F. Does the Container Store Motor Vehicle Fuel or Waste Oil? <input checked="" type="checkbox"/> 01 Yes <input type="checkbox"/> 02 No If Yes, Check appropriate box(es): <input type="checkbox"/> 01 Unleaded <input checked="" type="checkbox"/> 02 Regular <input type="checkbox"/> 03 Premium <input type="checkbox"/> 04 Diesel <input type="checkbox"/> 05 Waste Oil <input type="checkbox"/> 06 Other (List): _____ If you answered yes; do not complete Part VIII.	

V Container Construction

A. Thickness of Primary Containment: 1/4 <input type="checkbox"/> Gauge <input checked="" type="checkbox"/> Inches <input type="checkbox"/> cm <input type="checkbox"/> Unknown
B. <input type="checkbox"/> 01 Vaulted (Located in an underground Vault.) <input checked="" type="checkbox"/> 02 Non-vaulted <input type="checkbox"/> 03 Unknown
C. <input type="checkbox"/> 01 Double Walled <input checked="" type="checkbox"/> 02 Single Walled <input type="checkbox"/> 03 Lined
D. <input checked="" type="checkbox"/> 01 Carbon Steel <input type="checkbox"/> 02 Stainless Steel <input type="checkbox"/> 03 Fiberglass <input type="checkbox"/> 04 Polyvinyl Chloride <input type="checkbox"/> 05 Concrete <input type="checkbox"/> 06 Aluminum <input type="checkbox"/> 07 Steel Clad <input type="checkbox"/> 08 Bronze <input type="checkbox"/> 09 Composite <input type="checkbox"/> 10 Non-metallic <input type="checkbox"/> 11 Earthen Walls <input type="checkbox"/> 12 Unknown <input type="checkbox"/> 13 Other: _____

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Permit Application



ENVIRONMENTAL HEALTH SERVICES

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III 24 Hour Emergency Contact Person

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COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A. <input checked="" type="checkbox"/> 01 Tank <input type="checkbox"/> 02 Other: _____	Container Number (if there is no number, assign one) 3
B. Manufacturer (if appropriate): <u>Perkins</u> Year of Mfg.: <u>1973</u>	C. Year Installed: <u>1973</u> <input type="checkbox"/> Unknown
D. Container Capacity: <u>6000</u> gallons <input type="checkbox"/> Unknown	E. Does the Container Store (Check One): <input type="checkbox"/> 01 Waste <input checked="" type="checkbox"/> 02 Product
F. Does the Container Store Motor Vehicle Fuel or Waste Oil? <input type="checkbox"/> 01 Yes <input type="checkbox"/> 02 No If Yes, Check appropriate box(es): <input type="checkbox"/> 01 Unleaded <input type="checkbox"/> 02 Regular <input type="checkbox"/> 03 Premium <input checked="" type="checkbox"/> 04 Diesel <input type="checkbox"/> 05 Waste Oil <input type="checkbox"/> 06 Other (List): _____	
If you answered yes; do not complete Part VIII.	

V Container Construction

A. Thickness of Primary Containment: <u>1/4</u> <input type="checkbox"/> Gauge <input checked="" type="checkbox"/> Inches <input type="checkbox"/> cm <input type="checkbox"/> Unknown
B. <input type="checkbox"/> 01 Vaulted (Located in an underground Vault.) <input checked="" type="checkbox"/> 02 Non-vaulted <input type="checkbox"/> 03 Unknown
C. <input type="checkbox"/> 01 Double Walled <input checked="" type="checkbox"/> 02 Single Walled <input type="checkbox"/> 03 Lined
D. <input checked="" type="checkbox"/> 01 Carbon Steel <input type="checkbox"/> 02 Stainless Steel <input type="checkbox"/> 03 Fiberglass <input type="checkbox"/> 04 Polyvinyl Chloride <input type="checkbox"/> 05 Concrete <input type="checkbox"/> 06 Aluminum <input type="checkbox"/> 07 Steel Clad <input type="checkbox"/> 08 Bronze <input type="checkbox"/> 09 Composite <input type="checkbox"/> 10 Non-metallic <input type="checkbox"/> 11 Earthen Walls <input type="checkbox"/> 12 Unknown <input type="checkbox"/> 13 Other: _____